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Chemical Substances Information Network

Volume II
Appendices

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Chemical Substances Information Network

Volume II Appendices

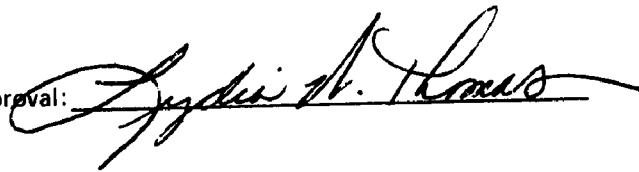
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APPENDIX A

SPECIFIC ORGANIZATIONS INTERVIEWED

SPECIFIC ORGANIZATIONS INTERVIEWED

INTERVIEWS WITHIN EPA HEADQUARTERS

OFFICE OF TOXIC SUBSTANCES

Regulations

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Testing

William Marcus

Coordinations and Procedures

Ed Brooks

Hazard Assessment

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Special Actions

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William Coniglio

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Ed Brooks
Roy Clark
Norman Dyer
Jim Everts
Jim Lehr
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Chuck Lincoln
Claire Matassoni
Asa Poster
Ralph Rhodes
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INTERVIEWS WITH EPA LABORATORIES

Health Effects Research Laboartory
Mike Waters
Libby Smith
Industrial Environmental Research Laboratory
Dave Becker

INTERVIEWS WITH OTHER FEDERAL AGENCIES

Consumer Product Safety Commission
Department of Commerce
Department of Defense
Census Bureau, Department of Commerce
Department of the Interior
Energy Research and Development Administration
Food and Drug Administration

INTERVIEWS WITH OTHER FEDERAL AGENCIES cont.

National Cancer Institute
National Institute of Environmental Health Sciences
National Institute for Occupational Safety and Health
Bureau of Labor Statistics
Occupational Safety and Health Administration
Interagency Testing Committee
International Trade Commission
National Academy of Sciences/ National Research Council

INTERVIEWS WITH INTERNATIONAL/TRADE ASSOCIATION/CONSUMER REPRESENTATIVES

Chemical Industry Institute of Toxicology
Chemical Specialities Manufacturers Association
Manufacturing Chemists Association
National Resources Defense Council, Inc.
Synthetic Organic Chemical Manufacturers Association
The Conservation Foundation

INTERVIEWS WITH EDUCATIONAL ORGANIZATIONS

New York University Medical Center

APPENDIX B

RESULTS OF INDIVIDUAL INTERVIEWS

OFFICE OF TOXIC SUBSTANCES

Regulations Group

The Regulations Group has responsibility for implementing the agency's actions under section 6 and for developing the general regulatory strategies for selected chemicals. As part of this responsibility, it develops the economic assessments of alternative actions under consideration. In addition, they are responsible for coordinating with other agencies sections 9(a) and (b) and are concerned with the impacts of sections 12, 13 and to a lesser extent section 19 of TSCA. With respect to a Citizens Petition or notification of Substantial Risk or Imminent Hazard, once these notices generate a section 6 action, this group is responsible for the resulting sequence of events. The group is also responsible for maintaining the official file associated with each regulation.

The current activities of the group include developing regulations affecting the production, processing, distribution, use and/or disposal of PCBs and chlorofluorocarbons. The group is also engaged in preparing regulations on selected other chemicals. Under normal conditions, approximately six to nine months prior to the transfer of a chemical assessment package (assessments of sources, health effects, environmental effects, level of exposure and a preliminary examination of the regulatory options) from either the Special Actions Group or the Hazards Assessment Group into the Regulations Group, the group initiates its economic analysis. Then, approximately two additional months are required to prepare the regulation and conduct further economic assessments of the various alternative regulatory

options. Additional internal review occurs during the next 2 months prior to the initiation of public notices and hearings.

To fulfill these responsibilities, the Regulations Group has a justifiable requirement, with respect to specific chemicals under consideration for regulation, for information regarding production, marketing, distribution, use, and available substitutes. For possible substitutes there is a justifiable requirement for similar data to perform an economic trade-off analysis. The production and process information is justifiable, for their purposes, on an aggregated basis rather than on an individual plant or facility basis.

The required economic data are currently obtained from trade associations such as MCA and through OECD member solicitations and from the Department of Commerce. The economic analyses are normally prepared by private contractors.

One major difficulty presently encountered by the Regulations Group is that of obtaining the documents used as supporting information in the "official" file.

Testing Group

The Testing Group has the responsibility for planning and developing TSCA testing requirements (policies, rules, formats, quality assurance, etc.), identifying the tests to be performed for specific chemicals or groups of chemicals, and analyzing the data submitted as a result of the testing requirements. In addition the group provides technical support to EPA's representative to the Interagency Testing Committee.

Currently, the Testing Group is engaged in analyzing test protocols with respect to classes of chemicals and investigating methods for evaluating good laboratory practices. In addition, they are developing a biological activity classification scheme for chemicals.

Data needs and/or system capabilities for which there was an expressed requirement during the interview include substance identification, exposure (by occupation) data for determining the type of testing needed, production quantity (in the aggregate) data, biological activity data for developing chemical classifications, and mass balance data. Other needs identified included information regarding the substances (by amounts) of impurities and fertility data (workforce and spouse) for assessments of chemicals causing teratogenicity. A substructure searching capability for classifying chemicals is needed.

In executing its responsibilities the group has a justifiable requirement for substance identification information, and human exposure information for determining the type of testing to be required. This

includes general population exposure information in addition to work force exposure. To identify specific chemical substances or categories for which testing will be required, the group needs information regarding the aggregate quantities produced. This is needed for all chemicals in a centralized repository which is updated annually. They also require information regarding impurities present (amount and composition) in chemical substances that are being tested, and information on analytical techniques appropriate for identifying impurities. The group has a valid requirement for biological activity information to assist them in developing categories of substances. They require access on a timely basis to results of various bioassay screening tests for purposes of establishing the validity of tests and providing a predictive technique of potential risks of chemicals.

Coordination and Procedures Group

The Coordination and Procedures Group is primarily responsible for providing guidance to the EPA regional offices with respect to TSCA. In addition, it is responsible for developing the State Grants Program and Preemption Requirements, representing OTS on TSCA Work Groups and Task Forces, assessing the extent and effectiveness of coordination of OTS and other EPA activities to control toxic chemicals, and arranging for specialized Inter-Agency coordination.

Presently the activities of the group include providing guidance to the regions by responding to their requests for information. It is also engaged in surveying the regions to determine their specific informational requirements.

The group cited a request for information regarding manufacturers of chemical substances including the company name and location. Currently this request is partially being satisfied by using the Dun and Bradstreet data base. The group also requested industrial profile data including production capacity, mortality rates and factors believed or known to be associated with mortality rates. Some of this information is available from an OTS data base. Other information requirements cited during the interview are pertinent to the needs of the regions and are included in the discussion of regional requirements.

The group expressed two major additional concerns. One involved a mechanism whereby the EPA Administrator could obtain knowledge of

notifications of substantial risks reported to other governmental agencies (e.g., section 15(b) of the Consumer Product Safety Act). This concern exists since manufacturers are not required to report under TSCA if they have knowledge that this information has been supplied under another authority. The second concern was for an integrated monitoring data base linking data such as are contained in STORET, SAROAD and NEDS.

Hazard Assessment Group

The Hazard Assessment Group has the responsibility for conducting the early warning programs, including studies of techniques to predict chemical hazard and prioritize chemicals for study, the assessment of emerging chemical technologies to identify potential hazards, and the development of preliminary screening techniques to identify potential hazards. The group is also responsible for preparing documented assessments of the risk associated with chemicals. The assessments must take into account health and ecological effects, production trends, estimated types and levels of exposure, and existing state or Federal regulations.

Currently, the group is engaged in the preparation of chemical assessments for regulatory decision packages. It is also engaged in developing a capability for early warning.

To fulfill these responsibilities, the Hazard Assessment Group has a requirement for information for substance identification, chemical and physical properties, by-products, and impurities. Also required are data on the quantity produced, producers, major distributors and importers; production methods and processes; control techniques currently used or under development; market price; and general market trend information. Data are also needed on major uses (with quantities). Environmental contamination information associated with production, transportation, storage, use and disposal is required. Data on chemical reactions occurring in the environment are needed. Monitoring data on levels of concentrations occurring in air, water and biota are needed in addition to environmental persistence, chemical

degradation and environmental transport information. Biological effects data including toxicity and clinical data, occupational studies, epidemiology and metabolic effects are required. Effects data on non-human mammals, other vertebrates, plants and micro-organisms are also required. Regulations, standards and handling practices of EPA under authorities other than TSCA, from other domestic regulatory agencies and of foreign countries are required. For purposes of early warning, this group needs access to a data set of information on production, use, exposure, etc., for a large number of chemicals (e.g., the inventory) updated frequently in order to observe trends and correlate various parameters.

Data sources currently used include NIOSH for industrial exposure data, the International Trade Commission and the Bureau of Mines for production data, and the open literature for epidemiology data. CHEMLINE is used for searching synonyms.

Available monitoring data are considered too limited (in the number of chemicals included) to be of use. Up-to-date production data are difficult to obtain. Information collected by the Office of Pesticides and FDA is currently unavailable to OTS because of the proprietary nature of the data. One major problem currently encountered by this group is the difficulty in obtaining a hard copy of journal articles and other references identified in on-line searches.

Special Actions Group

The Special Actions Group has responsibility for assessing Citizens Petitions (section 21 of TSCA), Notices of Substantial Risk (section 8(e)), and for assessing selected chemicals for regulatory decision making (section 6). It also arranges for field studies and laboratory support for OTS and has responsibility for providing technical support for actions regarding imminent hazards (section 7).

Their current activities include conducting field studies involving environmental sampling and analysis (monitoring in air, water and soil for selected priority chemicals), conducting epidemiology and body burden studies, assessing toxicity of selected priority chemicals, conducting market analyses (materials flows from production through disposal), and developing the scientific information associated with regulatory decision packages or in response to citizens petitions or notices of substantial risk.

During the interview there was an expressed requirement for the following types of data for Category III chemicals: all data listed in Table 2-1; body burden data (level of chemicals found in tissues); compilations of testing data (laboratory and investigator involved, type of test - not raw data); information on existing standards/regulations to serve as guidelines for recommending thresholds; site specific production and disposal information for defining material flows and movement in the environment.

To fulfill their responsibilities, the Special Actions Group has a justifiable requirement with respect to priority chemicals for the

data needs cited above. To adequately respond to citizens petitions and notices of substantial risk, their requirements for each category of data are also justifiable. Distinctions arise in the characteristics of the data between these two groups of chemical substances. The time frame within which the agency must evaluate responses to substantial risk notification or citizen petitions is much shorter than the time frame within which regulatory actions on priority chemical substances occur. For petitions or substantial risk notices, typically only 30-45 days are available for obtaining the supporting information. While to obtain the supporting information for decision packages for subsequent regulating action, usually 3 to 6 months are available.

Although there is no accurate way to predict which particular chemical substances might be identified by a petition, there does not appear to be a justifiable requirement that all of the above mentioned information reside in a centrally located repository for all chemical substances. Rather there is a justifiable requirement that all of the data can be obtained rapidly once the specific need arises.

With respect to the accuracy of data, the requirement is that the source and conditions under which the data were developed (e.g., description of monitoring equipment, quality assurance procedures, etc.) be attached to the data. This would permit the group to judge the accuracy of the data in light of a particular application and availability of other related data.

Program Management

The Program Management Group is responsible for: conducting the program planning and evaluation activities of OTS; reviewing and coordinating OTS TSCA activities and assuring consistency among these activities; coordinating and assisting in the drafting of the TSCA implementation strategy; developing a program for evaluating the impact of TSCA; and preparing the annual report to Congress. In addition, they are responsible for responding to Congressionals, FOIs and other requests for information. Further, they provide administrative support (including personnel, budget, financial and space management, and correspondence control) to OTS.

With two exceptions, this group has few if any information requirements to execute its responsibility. The exceptions occur (1) in evaluating the impact of TSCA and preparing an annual report for Congress, and (2) in responding to various requests for information. The evaluation of the impact of TSCA is currently anticipated to be a qualitative rather than quantitative assessment which would be subjective in nature and based on broad industry-wide trend information. The issues to be addressed include, for example, changes in employment patterns, changes in plant locations, development of new testing laboratories, changes in college curriculum and graduates, and changes in the activities of small businesses. At the present time, these information requirements are expected to be fulfilled through a direct access to the industries, rather than through the OTS Information

System. In the future, however, they might use the in-house date. Their time frame for this information need is quite ample.

In developing responses to inquiries and requests for information, this group will rely upon the efforts of other OTS groups when the inquiry involves technical aspects beyond their capabilities and may submit the request to the Information Management Group for proper handling. The time associated with this type of response is ten days.

This office does have one unique information requirement in order to fulfill their responsibilities. They will require a system to log and track inquiries for information and submissions to the Federal Register. This must be a manual or an on-line accessible file in order to permit immediate access. It will have to have a built-in mechanism to trigger action at the appropriate times.

Pre-Manufacturing Group

Although within the current organizational structure of OTS no group exists which has specific responsibility for the processing of notifications received under section 5(b) of TSCA, interviews were held to determine the informational requirements anticipated to support this responsibility.

The current thinking regarding the information reporting requirements for pre-manufacturing notification is to keep the data submitted to a minimum. Only the information needed to identify the substance and to determine the human health effects of that and similar chemicals are presently anticipated as being required by OTS to conduct its technical review and develop a pre-manufacturing policy. Current plans call for industry to submit a risk assessment evaluating the risk to health and the environment from the new chemical for which a pre-manufacturing notice is being given. The health and safety data will be evaluated, then made publicly available.

Computerized systems for storage and retrieval of the chemical identification, physical properties, proposed production, testing and health and environmental effects data will be required. This group, however, has been predominately concerned with the issuing of the relevant regulations and has not had time to consider the attributes they would require of a computer system.

WITHIN EPA HEADQUARTERS

Other EPA Headquarters Offices

As the constraints of time and funding limitations did not make it possible to conduct a large number of lengthy interviews within each office, the approach used for determining the information requirements for the remainder of EPA Headquarters was to have each office's representative to the EPA Toxics Strategy Coordination Group serve as the focal point for their respective offices. Since these representatives are familiar with both the individual programs of their respective offices and the authorities of TSCA, it was decided that they would identify those particular individuals who could provide an accurate and comprehensive characterization of the requirements for chemical substances information. In identifying the individuals to be interviewed, the representative was to consider not only the data obtainable under the TSCA authority but also the other authorities available to the particular office. The results of those interviews are presented below. The interviews were conducted at a point in time in which many of the Headquarters offices had not completed the process of determining their internal priorities for obtaining information under their authorities versus the authorities of TSCA.

Office of Federal Activities

This Office coordinates and develops policies and procedures relating to EPA's review of Federal agency environmental statements and preparation of EPA's own impact statements. It coordinates policies and programs to deal with environmental problems arising at Federal facilities or during Federally supported or authorized activities. It is responsible for policy and programs dealing with EPA's polluter debarment process. Additionally, it is responsible for determining agency-wide forecasts of manpower needs, development and training.

After reviewing its responsibilities, this office concluded that it has no requirements for data except possibly under its manpower development responsibility. There was a stated requirement for information reflecting the manpower resource and economic implications to industry of proposed TSCA actions and for an estimate of existing resources which could be used (e.g., workload of testing facilities, manpower needs, the number of institutions training in these areas and their capacities). They work with other Federal agencies in allotting EPA's training funding if it is required in a given area to relieve a shortage. They will require a unique study to be performed in this area relative to TSCA's needs.

Office of International Activities

The Office of International Activities is responsible for the development of policies and procedures for the direction of EPA's international programs and activities. They also provide the focus for the international exchange of information concerning all aspects of toxic substances.

Through their cooperation with other nations in the international community, EPA has potential access to a number of sources of information on chemical screening and prevention of environmental pollution. EPA will participate in the International Referral System as a member of the U.N. Environmental Program. The World Health Organization has also established a collaborating center at RTP for environmental and other pollution hazards. Their initial efforts are concerned with the development of environmental health criteria with subsequent criteria planned to cover management techniques, sources of discharge and control technologies. This office would also provide the link to accessing the files in the Environmental Chemical Data and Information Network established recently by the Commission of Economic Communities.

Directly relating to the immediate implementation of TSCA, this office is attempting to contact all importers of potentially toxic substances since they are required to comply with inventory and subsequent Section 8 reporting under the Act. They are also following closely the development of all foreign toxic substances legislation.

In order to carry out their role as an international liaison, this office must be kept current on the status of EPA's TSCA implementation policy as well as subsequent regulations. Were requests for specific toxic substances information to come to them from the international community, they would turn to OTS for assistance in fulfilling the request. The time frame for filling these requests will probably be of the order of weeks. All requests for large scale international exchanges of information such as that collected under TSCA would also come through this office.

Office of Enforcement

There are three program offices within Enforcement: the Office for Water Enforcement, the Office for Stationary Source and Pesticides Enforcement and the Office for Mobile Source and Noise Enforcement. Generally, the Office is responsible for actions against a particular violator of a regulation or statute - the specific type of action depends on the particular law and violation. It is also responsible for conducting compliance monitoring to identify violators. Additionally, the Office provides technical direction with respect to the implementation of the National Pollutant Discharge Elimination System, and directs the review of discharge permit applications. The specific responsibilities of this office and procedures for TSCA actions have not yet been determined.

Their requests for information fall into two categories which have different attributes depending on the use to be made of the data. When dealing with emergency or imminent hazard actions, the data must be detailed and sufficiently accurate and documented to serve as court evidence. Typically, all data must be obtained within one week. For these types of actions, the office stated a requirement for health effects data (testing, epidemiological, incidents of adverse reactions) environmental effects data, exposure (number exposed, duration, amount, mode), source (processes, disposal procedure, location) and production (volume).

When investigating an imminent hazard notification, they expressed a requirement for site specific chemical production information to be available on an interactive system with broad sorting capabilities.

They are looking to OTS to provide a production information storage system which is also designed to be used diagnostically. If a high level of a chemical is discovered in a sample of river water, they want to be able to query an interactive system to obtain the possible producers of that chemical in that river basin.

With regard to actions involving violations of a health or environmental standard, longer times are available for obtaining the data but the requirement that it be sufficiently accurate and documented to serve as court evidence still exists. For these types of actions, there was a stated requirement for sampling and monitoring data and analysis to substantiate a particular violation. There was also a stated requirement for economic data with respect to the particular producers involved.

There was a concern expressed that the Office of Enforcement did not know which other offices within EPA were involved with a given substance. A desire was expressed for an intra-EPA reporting system to provide this type of information.

Although the Office could obtain production information by using a "308 letter", the office is looking to TSCA for such data since the "308" process is time consuming. In addition, much of their need for "high quality" data is required in a very short time frame. They would like access to all data authorized by sections 8(a) and 8(b) of TSCA for all chemicals in commerce with as much being available in an interactive system as possible.

Office of Water and Hazardous Materials

Within the Office of Water and Hazardous Materials there are four program offices: the Office of Water Planning and Standards, the Office of Water Program Operations, the Office of Water Supply and the Office of Pesticide Programs. This Office has the responsibility to set the Effluent Guidelines, to control contaminants (natural and synthetic) in drinking water, to set water standards and criteria, to set drinking water standards, and to register and deregister pesticides.

With respect to water programs, the Office provides guidance to individual states which, through NPDES, set effluent limits. They develop water quality standards and criteria which are used as guidelines by the states to actually set standards. The Office collects ambient water quality and sediment data. It conducts in-plant process sampling to characterize industry (in terms of the process involved, waste loads, flows, flow reduction methods). It has an on-going health effects program to obtain toxicity information on 65 compounds. For 124 specific pollutants, primarily inorganics, the Office is sampling a cross-section of industry, on a plant-by-plant basis, to determine the adequacy of existing control technologies. The Office conducts various analyses of water quality data to infer non-point source effects. It is currently funding a testing program to determine acute toxicity in fish species. It also conducts mathematical modeling to identify environmental material balance and

intermediate transfer (water to sediment, water to air, and air to water). In addition, it conducts economic analyses of the costs of using various control technologies and processes. The Office sets drinking water standards based on human health. It monitors to determine the occurrence of toxic substances in drinking water (both raw and finished) and to develop profiles of selected organic chemicals.

With respect to water programs, information is required on toxicological and chronic health effects, concentrations of substances in drinking and ambient water in sediments and in fish tissues, and economic data on costs associated with various control technologies. The Office is presently able to satisfy their own needs through literature searches, "308 letters" and its monitoring and sampling program. If the OTS data systems were readily accessible to supply their information needs, this would be preferable to the "308" system which is very cumbersome and time consuming. On the whole, however, the Office of Water and Hazardous Materials will be more of a contributor of information than a user.

With respect to pesticide programs, the Office is reviewing approximately 120 compounds that have been exempted from the main registration program. These 120 compounds either meet or exceed an initial screening of risk criteria and are the subject of an intensive risk/benefit assessment. Additional pesticides are also referred for consideration. The main registration program involves the re-

registration of approximately 1500 compounds which occur in 3500 products. For other compounds less stringent risk assessments are conducted.

In conducting risk assessments consideration is given both to the active and inactive ingredients of pesticides. Generally, good information is available on the active ingredients. If a substance is inert in one pesticide but active in another, good information is also available. For most inert ingredients, however, information on health effects is unavailable since data are not required to be submitted. OPP is looking to the TSCA authority to obtain health effects data on inert ingredients but would use other authorities to determine the amount present in each pesticide.

The key parameters needed for making a determination of risk include data on the human and environmental hazards, manufacturing processes, and production. Exposure information is not required to be submitted. Data from epidemiology studies are required and these data are currently provided by NIOSH. Environmental chemistry data are currently obtained directly from the manufacturers.

Registration guidelines describe testing protocols to be used by manufacturers. Data obtained include information regarding the chemical substances, type of test used, results and species tested.

The Office is developing a computerized data base of these types of information.

Office of Air and Waste Management

This office includes five program offices: the Office of Solid Waste Management Programs, the Office of Noise Control Programs, the Office of Radiation Programs, the Office of Air Quality Planning and Standards, and the Office of Mobile Source Pollution Control. At the suggestion of the Toxic Strategy Coordination Group representative, the interview was held with a staff member from the Office of Hazardous Waste Management. Interviews were not conducted with other offices.

The Office of Hazardous Waste Management is responsible for planning, developing and monitoring projects dealing with the disposal of hazardous waste materials. Under the Resource Conservation Recovery Act (RCRA) this office assists the states in managing information on toxic wastes including their transport and disposal. The implementation planning for RCRA is still on-going, but a decision has been made to establish three data bases to cover (1) notification, (2) permits, and (3) a waste tracking system based on manifests submitted by the states.

To implement RCRA they expressed need for site specific production information, use information (how much and by whom), and the toxicity of each substance covered by RCRA. This information is needed in the assessment of hazardous waste disposal problems. An assessment must be made concerning the cause of the problem and the associated health and environmental effects. This information is often required within a short time frame.

The office is now in the process of assembling a master list of "toxic substances" to be covered by RCRA (Section 3001). This list will include chemicals selected by other offices/agencies such as the list of up to 50 chemicals or classes requiring testing to be generated by the Interagency Testing Committee under TSCA. They will also need access to information on chemicals approved for manufacturing under section 5 of TSCA in order to update the RCRA "toxic substances" list.

Some of the user requirements of the Office of Air Quality Planning and Standards (OAQPS) were addressed during an interview with the RTP/EPA librarian. These included a knowledge of plant sites, relevant monitoring data, persistence information and toxicity. Of the above, only acute toxicity data are readily available for most substances being searched. It was noted that OAQPS would be most concerned about obtaining accurate site specific production information and data on persistence of chemicals in the environment.

Office of Research and Development

The Office of Research and Development has four program offices: the Office of Monitoring and Technical Support; the Office of Energy, Minerals and Industry; the Office of Health and Ecological Effects; and the Office of Air, Land and Water Use. The office has no regulatory responsibility but rather provides information and services to the remainder of the agency.

The office develops new protocols for determining health and environmental effects, it develops and evaluates monitoring and measurement techniques and methods and provides expert witness testimony for court hearings.

This office states that they are a contributor rather than a user of information. However, they state that they need information on substance identification, chemical and physical properties and exposure (including production data) for use in establishing testing, measurement and monitoring methods.

The Cincinnati Industrial Environmental Research Laboratory has recently developed for OR&D a data base of 400 compounds produced in quantities over 1 million pounds per year. This Organic Chemical Producers Data Base contains production, use, emissions and chemistry data in an interactive system with broad searching capabilities. This system is now available to the regional offices.

REGIONAL TSCA COORDINATORS

EPA Regional Toxic Substances Coordinators

At the time these interviews were conducted the role of the Regions in TSCA was evolving. Regardless of the ultimate resolution, the regional roles in the implementation of the various sections of TSCA vary according to the specific functions performed, resources required, regional capabilities and timing of regional involvement. The key functions consistent from region to region currently are envisioned to include: information dissemination and technical assistance, information gathering, integration with other Federal, state and EPA programs, compliance monitoring and enforcement, and participation in agency rule making.

The Regions expressed a requirement for information on toxicology, environmental persistence, production and use, exposure, environmental and health effects, by-products and methods of disposal. Information regarding available control technologies is also required. Of these, data on industrial production by source (site specific) are the highest priority. Beyond knowledge of production, the regions need to know where substances are stored.

This information will be used by the regions to set priorities. At the present time they have no one source of plant information, or information on chemicals produced or discharged into the environment, and limited access to epidemiology data to assess health effects. The regions have operated in a reactive mode responding to crisis as they occur. Individual regions have established industrial profile

data on plants and industries in their region through the use of contractors and through inspections, etc. However, data are collected unevenly in the various regions.

The regional toxic coordinators are looking to OTS to provide access to a data base which will permit them base line data for use in establishing program priorities based on individual regional needs. They stated that data needs fall into two categories. The first involves access to range or summarized data for scoping and assessing a problem and subsequently, access to reliable, precise data for use in regulations development or in support of an enforcement action.

EPA LABORATORIES

Health Effects Research Laboratory
Research Triangle Park / Cincinnati

Representatives from the Cincinnati and RTP HERLS were contacted to express their needs for and uses of toxic substances information. In addition, one of the HERL librarians was asked to discuss general R&D laboratory information needs.

The HERL/RTP conducts animal and human studies under controlled conditions, and studies on human populations to assess the hazard to human health of exposure to environmental pollutants. The effects of pollutants are determined alone and in combination; these include air pollutants, pesticides, toxic substances, and ionizing and non-ionizing radiation. Controlled laboratory studies are devoted to determining effects on normal biological function as measured by clinical, chemical, biochemical, physiologic, histopathic, growth, reproduction, and other parameters. The laboratory also develops, evaluates, and improves analytical chemical methods and biological screening techniques for direct and indirect measurement of exposure to environmental toxicants and maintains a quality assurance program for pesticide residue analysis. This laboratory has been providing direct assistance to OTS in the specific area of test methods development.

The HERL/RTP has been developing a battery of in vitro tests to evaluate a compound's potential for mutagenicity or carcinogenicity. They are also attempting to validate these new tests by running a set of compounds through a defined series of test protocols to determine the duplicity of results achieved by alternative testing methods.

The HERL/Cincinnati develops the scientific basis for environmental standards for the protection of human health and welfare, particularly as such standards relate to use of water for drinking, recreation or other purposes, to emissions from mobile sources and multimedia exposure to single pollutants and pollutant mixtures. Current programs include research in the broad areas of: (1) Water Supply Health Effects Research; (2) Health Effects Associated with Recreational Use of Water; (3) Health Risk Assessment of Pollutants from Mobile Sources; (4) Health Effects of Non-Pesticide Organic and Inorganic Chemicals; (5) Health; and (6) Socio-Economic Studies.

Stated needs for information which the HERLS will be looking to OTS to provide as a result of the information gathering authorities under TSCA include:

- Clear delineation of the compounds for which testing will be required;
- Production, plant location, use and exposure information;
- Testing data;
- Access to health and safety data for commercial chemicals;
- Ability to link exposure data to epidemiological data on a given compound;
- More adequate chemical analysis of compounds before testing; and
- Economic data.

The scientists in the health effects laboratories of EPA who are involved in the development and evaluation of chemical and biological screening techniques have a valid requirement to have access to knowledge

of priority chemicals for which testing will be required as early as possible so testing procedures can be defined and validated. They recommended that results on all types of testing associated with a chemical compound be coordinated in one system in order to build a predictive capability for assessing toxicity. The protocols used must be clearly defined in order to compare data. Specific, uniform formats for reporting test results are critical for the evaluation of testing results.

Production and exposure information is a justifiable requirement for the HERLs and other EPA labs at RTP; precision is not required. Range data will suffice for purposes of prioritizing testing efforts. Knowledge of impurities in chemical substances is of critical importance in attempting to correlate the results of testing. Recommended analytical techniques and exact characterization of chemical substances for chemicals to be tested was a recommendation made by the HERL/RTP.

Current data sources include use of dossiers prepared on chemical substances by SRI provided by NCI to EPA, and health investigations in NIOSHTIC. The Economic Information System on Lockheed provides access to some economic data but SIC codes are generally not specific enough to provide adequate information on manufacturers, site-specific information, etc.

In general, the laboratories did not require immediate turn-around time for their data needs except in an emergency or crisis situation. Then they needed data within a period of a few days.

OTHER FEDERAL AGENCIES

Consumer Product Safety Commission

The Consumer Product Safety Commission has primary responsibility for establishing mandatory product safety standards to reduce unreasonable risk injury to consumers from consumer products. The Bureau of Biomedical Science evaluates chemical toxicity data, ascertains its existence in consumer products and makes assessments of risks presented.

Its highest priority requirement is for information on chemical formulation of products. Additional requirements include data regarding production, marketing exposure (consumer), toxicological effects, and epidemiology. To a lesser extent, and for chemical substances contained in products against which regulatory actions are being considered, CPSC requires environmental effects data. They need access to a directory file indicating sources of specific types of data and how it can be obtained. Further, they need a clear understanding of what chemical substances are under test, what effects are to be determined, who is conducting the testing, and when results are to be available. Currently, the Commission has no requirement for a substructure search capability.

Current sources of information include both internal and external data bases. Internal sources include the CPSC chemical formulations data base (confidential data on composition of chemical consumer products), economic data, and the NEISS data base (accident injury information). External sources data bases are available through the NLM, SDC and Lockheed Systems.

CPSC is looking to EPA to obtain production and use data under the TSCA authority and will use testing data developed under TSCA. They requested that a focal point within each agency be established to coordinate requests for information and to determine the legitimate need for confidential data.

Department of Commerce

The Department of Commerce is primarily concerned with promoting the country's economic development and technological advancement. With respect to chemical substances, it is involved with assessing and providing recommendations on proposed regulations and policies of other Federal agencies in terms of their potential effects upon commerce. In this regard, the Toxics Substances Control Act specifically provides that the Department appoint a member to the Interagency Testing Committee. That member recommended that interviews be held with a representative from the Office of Environmental Affairs within the Department.

In support of its role to provide advice and assistance to the member of the Interagency Testing Committee, the office has requirements for information to determine the possible health/environmental effects and assess the likelihood that they would occur. There was a specific requirement cited for both acute and chronic toxicity data, the amount of each substance produced, manufacturing methods and the current and historical status of substances tested. Data are also required on the uses of substances and amounts dispersed.

In support of its commerce role, the office has requirements to assess the potential of all Federal legislation to impact innovations and technological advancement. An additional responsibility is to provide recommendations for safeguarding the Nation's supply of critical materials. Accordingly the office conducts risk/benefit

assessments of proposed actions of other Federal agencies. To support these activities, the office cited a requirement for the above listed data. In addition, it requires data to identify substitute chemical substances to determine if adequate and cost effective replacements are available.

One concern expressed in anticipation that OTS will look to the Department of Commerce to provide production information from the Bureau of Census, is the ability to release such data. The release of those data is currently governed by legislation enacted prior to TSCA.

Census Bureau, Department of Commerce

The Census Bureau has no direct responsibilities under TSCA except to support the member of the Interagency Testing Committee from the Department of Commerce.

The Census Bureau does maintain two data files which might be of use to EPA. The first is the file of demographic data. This file contains the characteristics of the population including age, sex, race, occupation, place of work, industry, etc., by census tract, county, region, etc. The second applicable file is the census of manufacturers which is compiled every five years. This survey collects such information as number of employees, production hours, materials and supplies required, specific products (by SIC code) and water use. This five-year survey is supplemented by an annual sample to improve its currency. Summary tapes of the above information are available at regional centers. Much of the specific data are confidential and could only be obtained by EPA from the Census Bureau through an interagency agreement.

The Census Bureau is not looking to the Office of Toxic Substances to supply them with any supplemental information, at the present time.

Department of Defense

With respect to the provisions of TSCA, DOD has a unique position in that it functions both as a "manufacturer" and as a "regulatory agency". It acts as a "manufacturer" in that it is engaged in the research and development of new chemicals and new usages for existing chemicals. Examples of this include the development of propellants and munitions. It functions as a "regulatory agency" in that it must identify and assess the human health and safety effects associated with usage of chemical substances in its facilities and equipment. The Department is currently evaluating its responsibilities with respect to TSCA.

Historically DOD has been actively engaged in defining health effects of toxic substances to identify safe levels of exposure and to develop exposure prevention and safe handling procedures. It has many on going programs. Examples include animal inhalation studies conducted in connection with the Polaris and spacecraft programs.

As the constraints of time and resources prohibited comprehensive interviewing of the individual services, it was recommended by the DOD observer to the Interagency Testing Committee that an indication of the informational requirements and current activities of DOD could be obtained by contacting one organization which could be considered representative of all. Accordingly, it was recommended that discussions be held with the Naval Fleet Occupational Health Office.

This office is concerned with determining R&D priorities for the use of toxic substances in confined spaces, for identifying safe levels of exposure, safe handling procedures, exposure preventative procedures, and disposal procedures. It is concerned with both acute and chronic exposure.

The Office has a requirement for access to the health and environmental studies which TSCA requires manufacturers to develop. Of primary concern is the amount of each substance which is used by the Navy. It needs information specifying conditions of use of substances in Naval equipment and facilities. It needs information on the chemical constituents of substances, mixtures, or products used by Naval personnel.

The Office has a variety of information activities to support its programs. It relies on the NAS Committee on Toxicology for providing advice on safe exposure levels, exposure prevention and safe handling procedures. It accesses data through TOXLINE, MEDLINE and CANCERLINE. Unpublished information is available from the Advisory Center of Toxicology. Data from comprehensive studies conducted by Naval developmental laboratories are also utilized.

Department of Interior

Included within the jurisdiction of the Department of Interior are the Administration of Federal Lands; the conservation and development of mineral and water resources; and the conservation, development and utilization of fish and wildlife resources. Interviews were held with the Division of Population Regulation Research within the Fish and Wildlife Service. The Service is responsible for maintaining wild birds, mammals, and inland sport fishery resources and for conducting specific fishery research. It conducts biological monitoring, surveillance of pesticides, studies of fish and wildlife populations and ecological studies. In addition, it reviews all water development projects to determine their impact on the local biota.

The Division of Population Regulation Research has responsibilities to provide data on fish and wildlife to others to enable them to take appropriate actions. It is engaged in R&D to determine the biological significance of pesticides and to identify the effects of environmental exposure to toxic substances on affected species. The Division is engaged in an interagency project with the Office of Pesticide Programs of EPA to determine levels of pesticides in wild birds and fish throughout the country. The division represents both a provider and user of chemical substance information.

Data which can be provided to OTS include:

- large amounts of raw data (including negative results) from the testing for biological activity of a large number of compounds in a variety of species;

- pesticide effects on wildlife (available in an automated file);
- testing methodologies for determining toxicity and other effects on fish;
- structure/activity relationships for a large number of compounds on a variety of species.

Services which could be provided include experts in fish and wildlife pathology and conducting monitoring studies of fish and wildlife populations such as those presently being conducted for the Office of Pesticide Programs, EPA.

Two specific needs were cited. There was a need to identify carcinogenic, mutagenic and teratogenic substances to monitor for them and to check for these effects in fish and other wildlife. The Fish and Wildlife Service also requested information on the location of manufacturers and users of toxic substances by watershed.

Energy Research and Development Administration

ERDA has a mandate to encourage and conduct energy-related research and development in order to provide for maximum use of the energy potential of the U.S. This effort encompasses both energy-related technology development and an assessment of the environmental and health aspects of a technology's application. To this purpose, ERDA funds research to determine the health and environmental energy-related effects of chemical substances and to develop control technology to prevent their release.

ERDA does not have direct responsibilities under TSCA, but in so far as their research objectives concerning hazard assessment of compounds related to energy correspond to those of EPA, there is a need for interagency cooperation and exchange of information. At the present time Oak Ridge National Laboratory is preparing dossiers on individual energy-related compounds at the rate of about twelve per year. All findings obtained as a result of ERDA-funded research are available through the open literature. ERDA is currently surveying their data files to determine those applicable to toxic substances.

If the information were available in an easily accessible form, ERDA expressed interest in obtaining the following types of data:

- Production (general levels are sufficient);
- Exposure, health effects and adverse reactions;
- Applicable control technology; and
- Baseline environmental data on a regional basis similar to that in EISs.

They also felt that there was a real need to standardize data requirements and methods used to obtain various environmental and health measurements.

In general, ERDA's time requirements for data access would not bear a short time frame, but they would prefer an interactive system for ease of access.

ERDA has a justifiable need for energy-related toxic substances information in order to fulfill their mandate. The existence of an information system devoted to toxic substances would be of definite value to them.

Food and Drug Administration

The Food and Drug Administration (FDA) has no mandated responsibilities under TSCA. At the more practical level, however, the Federal agencies which regulate chemical substances have a primary need for information exchange.

FDA has responsibility for drugs, cosmetics, food additives and biologics. Several of FDA's files might prove useful to OTS in its need to obtain information on potentially harmful chemical substances. These include files of: new drug applications, drug experience (adverse drug reactions), clinical investigations and drug packaging information. At the present time these files are manual and all but the last file are proprietary. As of the present time, the data in these files could be released to EPA only subsequent to an inter-agency agreement.

The FDA representative foresaw no need by FDA for the data collected by EPA under TSCA.

National Cancer Institute

The National Cancer Institute under mandate from the National Cancer Act of 1971, initiated the National Cancer program to conduct a nationally coordinated effort to achieve the conquest of cancer. The Division of Cancer Cause and Prevention is specifically responsible for planning and directing a program of laboratory and epidemiological research, examining and elucidating the mechanism of cancer induction, evaluating clinical, epidemiological and experimental data relating to the cause of cancer, and developing and evaluating corrective measures. The Toxic Substances Control Act specifically identifies, in section 4, NCI as a member of the Interagency Testing Committee which makes recommendations to the Administrator of EPA with respect to chemical substances and mixtures for which testing should be conducted.

NCI's current activities with respect to TSCA include supplying information from their various data sources to the Interagency Testing Committee as well as working with other agencies to ensure that the necessary information systems concerning chemical substances are developed and implemented.

NCI currently has a variety of information activities which support their program activities and which are available for use by other agencies and interested groups. These include Carcinogenesis Abstracts which are available through CANCERLINE, PHS-149 which is a survey of compounds testing for carcinogenic activities, a data base

of production and exposure data of 3200 chemicals built by SRI under contract, a monograph series on selected chemicals prepared by IARC, chemical epidemiology studies conducted by IARC, and the Carcinogenesis Bioassay Data System (CBDS). Other activities which they support are discussed further in Section 4.

NCI anticipates using data generated by OTS under the information authorities provided by TSCA. If production, use and exposure information were available on all chemicals through OTS, NCI would not continue to support a contractor to provide this information. In addition, NCI would like to see complete chemical substance identification data including structure for all items in the inventory. Production, use and exposure data are critical data elements considered by the NCI Chemical Selection Working Group and by the members of the Chemical Selection Subgroup of the Clearinghouse on Environmental Carcinogens.

Other data needs which were expressed by NCI which would contribute to support of their program activities include:

- Toxicity data for use in selection of chemicals for design of test and protocols for carcinogenesis bioassay testing;
- A focal point for collection of physical and chemical data used in background packages for the chemical selection working group;
- Access to sub-structure search systems for inventory chemicals to be used in determining structure-function relationships;
- File of chemicals by type of screening test with methodology, including both in vivo and in vitro testing results (negative results to be included as well as positive); and
- Methods for predicting metabolic pathways.

Areas of unmet data needs where NCI and EPA would have shared responsibility include:

- Compilation of analytical and chemical techniques to characterize chemicals entering test;
- Decontamination techniques and safety measures for testing potentially carcinogenic chemicals;
- Compilation of body burden data (residuals in plant, animal and human tissue); and
- Development of a data system for long term chronic testing which would permit query capability, handling of quality control aspects, and possess the capability of being expanded to handle in vitro test data.

To fulfill their respective responsibilities for hazard identification, selection of chemicals and test protocol design, NCI has a justifiable requirement for chemical substances identification, production, use, and exposure data, for all chemicals in commerce as defined by the inventory. Access to existing toxicity data, particularly results of mutagenic screening tests, is also a justifiable requirement. They do not need this data on an immediate basis for the most part, but have a continuing requirement to have it available for refinement of test protocol design and for data evaluation and risk assessment. When a chemical is being considered for test, the Chemical Selection Working Group and the Clearinghouse prefers access to as much information on the specific chemical as is possible for inclusion in decision packages.

For purposes of predicting the biological activity of chemicals and for making risk assessments as to the effects of chemicals in man, NCI has a justifiable requirement for access to a testing file with

multiple indexing capabilities which would allow them to examine structure activity relationships and results of carcinogenic bioassay testing.

National Institute of Environmental Health Sciences

The National Institute of Environmental Health Sciences (NIEHS) located in Research Triangle Park, NC, conducts and supports fundamental research concerned with defining, measuring, and understanding the effects of chemical, biological, and physical factors in the environment on the health and well-being of men.

The NIEHS program activity includes development of new testing protocols and testing of chemicals for toxicity. Screening tests under development include in vitro mutagenesis screening, DNA damage/fractionation tests, screens for DNA inhibitors, and screening tests for differentiating between promoters and initiators of cancer activity. In addition, NIEHS is concerned with determination of the mechanisms of action of selected chemicals and classes of chemicals and is in the process of compiling an extensive manual file of chemical substances and their effects on target organs. Results of research conducted at NIEHS are published in the open literature and disseminated through professional conferences and/or meetings of the Committee to Coordinate Toxicology and Related Programs.

NIEHS scientists use the scientific literature extensively but will look to OTS to provide:

- Access to health and safety data for commercial chemicals;
- Exposure data; and
- Testing data submitted under section 4.

NIEHS does not utilize production and marketing trend data extensively; priorities for research are based on the potential of the chemical for toxicity.

Suggested recommendations from NIEHS include the need for standardized testing protocols to be promulgated by OTS/EPA. NIEHS stands ready to assist in this area. In addition, they suggested that OTS develop standardized reporting formats for submission of testing data in order to assist in verification and evaluation of the data.

To fulfill its responsibilities of research and hazard analysis, NIEHS requires access to testing data tagged to identify the testing protocol, results and investigator for validations of screening procedures. Generally, NIEHS does not require immediate access to data since their research activities are of long term nature. Occasionally, however, they are called upon to respond to crisis situations, and make hazard assessments in a short time frame. On these occasions they require immediate access to chemical substance identification data, exposure, toxicity and health effects data.

National Institute for Occupational Safety and Health

The National Institute for Occupational Safety and Health has a mandate to plan, direct and coordinate the national program to develop and establish recommended occupational safety and health standards and to conduct research, training, technical assistance, and related activities to assure safe and healthful working conditions for working men and women. Specifically, they are required to develop criteria dealing with toxic substances which will describe exposure levels that are "safe."

Recently NIOSH has established a more formalized approach for selecting chemicals for which criteria documents will be written. The main aspects are greater involvement of all NIOSH divisions in the decision-making process and increased input from other agencies. NIOSH is utilizing the results of the National Occupational Hazard Survey which permits them to identify chemicals for which there is a high occupational exposure level. Chemicals that have a high exposure but a low toxicity are eliminated as are the ones which have been previously selected for criteria document development. Approximately sixty chemicals were selected and published in the Federal Register with a request that information on the potential risk associated with these chemicals be submitted to NIOSH. Profiles have been developed on the chemicals and research related to providing information necessary in effectively preparing criteria documents is being identified.

NIOSH stated a requirement for access to actual production quantities on a site specific basis; they are looking to OTS to obtain this under TSCA authorities. They require information on production processes and control technologies utilized. In order to protect the health and safety of workers they require knowledge on use of all chemicals and occupational exposure data. In addition, NIOSH requires product composition data and has developed a file of formulary information for approximately 60,000 trade name products. This file has been developed in conjunction with the Hazard Survey and has provided useful information. NIOSH stated that they presently utilized the Bureau of Labor Statistics Files for employment data and depend on their Registry of Toxic Effects for biological effects data. They are potential users of any system that provides information on acute and chronic toxicity. NIOSH will require access to OTS data received on (1) new uses of existing chemicals, (2) data on new chemicals submitted under pre-manufacturing notifications, and (3) results of testing required under section 4 of TSCA.

Bureau of Labor Statistics, Department of Labor

The Bureau of Labor Statistics collects data from the 67,000 establishments in the United States and analyzes it to define the American workforce and its problems. They conduct a biannual survey by SIC code of all work-related injuries and illnesses. They supplement this with data from 34 state workmen's compensation bureaus on accidents, resulting length of medical care and the profile of the injured worker. They also collect data on employment hours and earnings by age, sex and SIC code.

In connection with its role to collect and analyze data concerning the labor force, the BLS is very interested in obtaining any data relevant to this area collected as a result of TSCA. Some of the reporting information on injuries and illnesses might be collectively obtained from industry to save employer's time. At the present time data on individual facilities are proprietary at BLS with only industry-wide figures being released.

Occupational Safety and Health Administration, Department of Labor

The Occupational Safety and Health Administration develops and promulgates occupational safety and health standards; develops and issues regulations; conducts investigations and inspections to determine the status of compliance with safety and health standards and regulations; and issues citations and proposes penalties for noncompliance. Under TSCA, OSHA has specific responsibilities to participate on the Interagency Committee to select priority chemicals for testing.

To fulfill its responsibilities, OSHA has requirements for chemical substance information within a large number of categories. The agency requires substance identification information (including trade names and trade name ingredients), occupational exposure (by industry, occupation, and substance breakdown), population at risk data, product composition data (including impurities present and amount), industrial profile data and knowledge of chemical pathways through the distribution and use cycles. There was an expressed requirement for the ability to connect morbidity data to worker exposure, and to be apprised of the legal precedents of court actions for other authorities.

OSHA feels it needs on-line access to industry and exposure data and bibliographies of health and safety information. Presently, their information requests are partially satisfied by programs and projects conducted internally and by CTCP, Lockheed, BLS, and NIOSH. OSHA is presently depending on the information obtainable under TSCA,

with respect to exposure data, industrial profile (plant specific product composition data) and epidemiological data to conduct future assessments of the occupational health and safety risks.

U.S. International Trade Commission

The U.S. International Trade Commission collects information under the authority of Section 333 of the Tariff Act of 1930, as amended (19 U.S.C. 1333) for use by the ITC and by the Domestic and International Business Administration of the Department of Commerce. An annual report is published on domestic production and sales of synthetic organic chemicals and the raw materials from which they are made. Statistics for an individual chemical or group of chemicals are given only when there are three or more producers, no one or two of which may be predominant. Moreover, even when there are three or more producers, statistics are not given if there is any possibility that their publication would violate the statutory provisions relating to unlawful disclosure of information accepted in confidence by the Commission.

The ITC will not release confidential data to other Federal agencies unless industry specifically authorizes them to do so. The staff members interviewed said they could not make these data available to EPA and recognized that there would be some duplicate reporting requirements as a result.

Interagency Testing Committee

The Interagency Testing Committee was established as a result of section 4 of TSCA which authorizes the formation of a committee to make recommendations to the Administrator of EPA concerning the chemical substances to which the Administrator should give priority consideration for the promulgating of a testing rule. The Committee is to prepare a list not to exceed 50 chemicals or classes of chemicals for which testing should be required by September 1979. Subsequent to the submission of the initial list, the Committee will make revisions to the list of 50.

The current activities of the Committee support the EPA stated priority of identifying chemicals for testing and involves culling from the list of commercial chemicals those which appear to be most hazardous. For this initial sort, the Committee is using available lists of commercial chemicals, available production information and exposure information. The Committee plans to separate the approximately 30,000 chemicals that are on the candidate list to a subset of 200-300 chemicals for which more information will be required to further select out the recommended list of 50.

The Committee has stated explicitly that they require for all chemicals on the inventory the following information:

- Name, CAS number, synonyms and structure
- Production
- Uses
- Exposure

They prefer that EPA collect this under 8(b) authorities of TSCA which authorizes OTS to collect the above mentioned data as part of the inventory of chemicals in commerce in order to obtain this information from manufacturers and processors who are considered to be small business. 8(a) provides a small business exception and the Committee has a justifiable requirement to obtain production, use and exposure data on all chemicals on the inventory.

The Act explicitly states that in their decision-making process the Committee is to consider the quantities in which the substances are manufactured and enter into the environment and the number of individuals who will be exposed.

The Committee has found that production information (on all commercially manufactured and imported chemicals) is not available to them. Production information held by the International Trade Commission other than that which is published has not been made available because of the proprietary nature of the data. The Committee has stated that exact production figures are not necessary and that range data would suffice.

Exposure and use data are for the most part not available except on a chemical by chemical basis. Selected government files of exposure data have been utilized but these are limited in their coverage.

The Committee further stated that for the subset of 200-300, they would need access to toxicity data, and monitoring data to

determine availability in the environment, and epidemiological data. They require access to a substructure searching capability to assist them in categorizing classes of chemicals. For the subset of 200-300 they require the specific information identified in Table 2-1 of Volume I.

The Committee is under severe time constraints to produce a list by September 1977 and consequently immediate access to data is critical. However, in the future, the Committee will have more time to deliberate with respect to revisions to the list.

Due to its responsibilities, the Committee has a justifiable requirement for production, use, exposure, toxicity, health effects data and data on availability of facilities for performing tests. As stated above, the Committee needs direct access to chemical substance-identification data, production, use and exposure data for all chemicals on the inventory. For a smaller subset of chemicals they have a justifiable requirement for access to a much more precise body of data involving types mentioned in Table 2-1 of Volume I. These data do not have to be immediately available to them but must be indexed adequately in a directory file which would point to the location of such data as needed.

Advisory Center on Toxicology
National Academy of Sciences/National Research Council

The Advisory Center on Toxicology was originally established to provide a central source of information and technical staff to enable the Committee on Toxicology of the NAS/NRS to advise the Air Force on matters pertaining to toxicology. Over the years the Committee on Toxicology activities have grown to include the needs of other Federal Agencies. Specifically, the Center is (1) a source of information and advice to supplement the toxicological activities of its sponsors, (2) a clearinghouse for storage and exchange among sponsors of unclassified and classified toxicological information and evaluations of such data from governmental, industrial, academic and other sources, and (3) a medium of communication between the sponsor and the Committee on Toxicology.

The Advisory Center on Toxicology maintains thorough coverage of the toxicological literature, and collects information developed in governmental laboratories as well as information generated in private laboratories. The Center does accept requests for assistance from other government agencies and private enterprise as long as such services are complementary to the interest of the Center's sponsors.

The Center is self-sufficient in terms of its information needs and does not anticipate using the information systems developed by OTS extensively. They are interested in accessing health and safety data and the results of testing that will be submitted in response to regulations promulgated under section 4. Currently, they make use

of existing systems at NLM, and their own extensive card file which has data on approximately 50,000 chemicals.

TRADE ASSOCIATIONS AND CONSUMER REPRESENTATIVES

Chemical Industry Institute of Toxicology (CIIT)

The Chemical Industry Institute of Toxicology (CIIT) is an independent organization founded in 1974 by a group of chemical companies. It has as its purpose the expressed intent of providing a forceful scientific presence in the complex area of chemical safety evaluation capable of generating and interpreting data on chemicals from the viewpoint of safety to man and the environment. Its current activities include (1) development of new testing procedures, and (2) actual testing of a select number of key compounds of general interest. CIIT disseminates information on potential hazards of chemicals and promotes professional development and training of toxicologists and other scientists in related fields. The member companies include the major chemical companies in the United States and presently number twenty-seven.

CIIT's charter does not permit them to test a particular member's proprietary chemicals, but instead encourages the testing of chemicals which are of general interest. All testing results are released to the open literature and all toxicological data generated on chemicals selected for test are available to the public.

The procedure for selecting chemicals for the CIIT Priority Chemical List includes use of a committee composed of representatives of member companies who request lists of commodity chemicals from all member companies as potential candidates for toxicological evaluation. Six factors are considered for each chemical. These include physical

volume, physical and chemical properties, estimated human exposure, toxicological suspicion and opinion, public interest and significance to society. Current status reports are prepared for each chemical and these are used in the selection and evaluation of commodity chemicals and in the recommendation of a particular testing protocol.

CIIT anticipates making use of information systems developed by OTS particularly to provide a source of available toxicity testing data on the chemicals being considered for testing. In addition, CIIT would use all information resources available to them to collect data for their reports on specific chemicals. They would prefer accessing a dial in system from an in-house terminal to perform their literature searches and data acquisition. They anticipate needing all categories of information with respect to only a limited number of chemicals on the inventory. Their data needs are not of a critical nature in terms of response time. They are supportive of the need for a standardized format for reporting testing results since they are planning to develop an automated data collection and storage system.

Chemical Specialities Manufacturing Association (CSMA)

CSMA is a trade association which represents 430 manufacturers and formulators of products from chemical substances.

CSMA is currently quering its membership as to their specific user information requirements. The organization has, however, expressed its concern with the release of site specific information on the grounds that this information impacts on the transportation costs. Buyers can apply leverage to reduce the price of chemicals due to smaller transportation costs if the plants are near the buyer's location.

Manufacturing Chemists Association (MCA)

The Manufacturing Chemists Association is a trade association representing the interests of manufacturers of chemicals. They have a membership of approximately 200 companies which represents about 91% of the industry.

As part of their function to represent the views of their members to the Federal establishment, MCA's current activities include constant surveillance of OTS and its strategy for implementation of TSCA. Immediate concerns expressed by MCA included the apparent lack of compatibility of industry tape formatting with that of the Chemical Abstract Service tapes of the Inventory Compounds.

MCA is very concerned about the whole area of reporting of proprietary information. They are making recommendations to EPA regarding procedures for submission of generic names for those chemicals which the manufacturers claim as confidential. (Types of information considered confidential by the manufacturers include production process, specific uses and intermediates in processes. They have estimated that 1 compound in 1000 is confidential.) MCA is suggesting that when subsequent pre-manufacturing judgments would be necessary for those chemicals on the inventory under a generic name, these decisions might be best performed by the Interagency Testing Committee. MCA also conducts testing of selected chemicals which are of general concern to their members. All results of these tests are publicly released.

The anticipated uses of the information system to be developed by OTS include those by market research and development groups within industry for surveying the production and use information provided by other manufacturers. This type of proposed "fishing expedition" is the cause for their concern over proprietary information.

A file of relevant regulations and criteria concerning toxic substances would be of use to industry. Access to testing information provided by industry would be necessary to avoid redundant testing. Industry would prefer direct access to on-line systems to avoid delays experienced due to intermediaries in the searching and retrieval process.

MCA has a technical information committee whose job it is to investigate sources of information and inform members of their existence. In the event that MCA itself would require data, this committee would also fulfill that need. MCA generally uses SRI to provide production information at the present time, but would gladly switch to OTS's system on a fee for use basis.

MCA members indicated that industry is developing information systems to be responsive to the reporting requirements of OTS. They suggest that EPA, OSHA, and other agencies requiring submission of reports agree on standardized reporting formats for medical records data and testing information. Industry has justifiable requirements in requesting EPA to provide specifications for data reporting which are compatible with similar reporting required by other government agencies.

Natural Resources Defense Council

The Natural Resources Defense Council was interviewed as a representative of consumer interests. The NRDC is a non-profit consumer interest group which has as one of its primary goals the protection of the public and the environment against unreasonable risk from chemical substances. Once they identify a potential problem area they enlist research services, generally from universities to further define the scope and severity of the problem. They also accept as a major responsibility the information and education of the public with respect to the hazards associated with chemicals. In addition, NRDC plays a leading role in attempting to make governments aware of their respective communications responsibilities.

NRDC's current activities with respect to TSCA have included comments on the EPA proposed rules on the TSCA General Provisions and Inventory Reporting Requirements and prepared testimony on the strategy document.

NRDC states that in order for them to provide adequate representation of the consumer interests, they and their constituency (the public) must have access to a comprehensive data base on information concerning chemical substances. They state that EPA must establish the most complete and detailed inventory possible, of existing chemicals to which the public and the environment are exposed. The inventory must contain:

- Chemical substance identification
- Scale of production
- Products produced at each site
- Use information
- Intermediates as differentiated from chemicals in commerce
- By-products
- Impurities

They further state that EPA must collect this information under section 8(b) because of the fact that small businesses are exempt from any requirements under section 8(a) of TSCA. In addition, NRDC finds that it is mandatory for EPA to acquire the above mentioned information in order to effectively implement the "significant new use" provisions of the Act.

For selected chemicals for which regulations are being prepared or for those which NRDC has decided are hazardous, a much more comprehensive set of data are required similar to those categories mentioned in Table 2-1 of Volume I. They need access to information on chemicals by type of test and access to epidemiological data. They further stated a need to obtain access to non-published documents referenced in criteria documents. For ease of access, they prefer a dial in interactive system even though they are not usually time-constrained.

NRDC user requirements with respect to the inventory are not consistent with the EPA priorities as identified in the Strategy

Document. EPA has stated in the Strategy Document that the intended use of the information will determine the type and extent of data that are needed and, at this point in time, EPA does not plan to solicit production, use, exposure, and by-products data as part of the inventory reporting. The Strategy Document also states that "significant new use" will receive a lower priority and regulations promulgated for significant new use will be postponed for several years.

NRDC advises that EPA strategy document requires major changes in the following areas:

- Acquisition of the above mentioned types of data and procedures for public dissemination;
- Guidelines for risk-benefit analyses and recognition of the deficiencies inherent in them if they are to be utilized in accessing pre-manufacturing notices;
- Criteria for action under the various authorities of TSCA (e.g., acquisition of company health and safety data versus the need for more testing);
- Use of the categorization provision of TSCA.

NRDC has a justifiable requirement to obtain access to production use and exposure data if they are going to fulfill their responsibilities as "protector" of the consumer interests. They have no mandated authority under which to collect such data so must depend on the government to collect it and make it available. They seek to be in a predictive mode and consequently find that a comprehensive data base such as suggested be collected above would provide scientists and researchers access to data for independent risk assessment and evaluation.

Synthetic Organic Chemical Manufacturers Association (SOCMA)

SOCMA is a trade association which represents the manufacturers of synthetic organic chemicals. They have approximately 85 members including both large and small firms.

SOCMA members, particularly the small firms, are concerned about the availability of access to chemical use information. Many of the small firms obtain the majority of their business in development of innovative or new uses of existing chemicals and by manufacture of small production volumes. They will require immediate access to a file of existing uses to determine if the use they are considering is already on the approved list. In addition, small companies will need access to existing testing information to determine if acceptable testing of a chemical has been completed. Marketing decisions for small companies will be tremendously influenced by knowledge of "approved" uses for chemicals and access to information on "cleared" chemicals.

All of the SOCMA members are concerned about access to testing facilities which are considered "approved" or competent to conduct testing according to the prescribed testing protocols. Concern was expressed about the acceptance of test data from facilities outside the United States.

SOCMA expressed the need for OTS to provide an alert system for manufacturers to inform them of potential hazards associated with chemicals that they manufacture as soon as it becomes available to OTS.

They also expressed an interest in a system retrievable by individual chemicals that would provide information concerning relevant standards, labeling, transportation, disposal and packaging requirements.

The Conservation Foundation

The Conservation Foundation was organized in 1948 and has as its objective the encouragement of wise management of the earth resources through research, citizen's training and communication with policy makers and leaders in the U.S. and abroad. They are supported partially by grants and are currently working under a grant from OTS to conduct two technical conferences (on data necessary for risk assessment and methodologies for prioritizing chemicals).

The Conservation Foundation has no immediate user requirements but speaks for environmentalists who will want access to data concerning chemical substances.

The data needs expressed included the following:

- Production information
- Location of facilities of manufacturers and processors of chemicals and the chemicals produced in each facility (i.e., site, specific information)
- Exposure data
- By-products information
- Environmental effects data specifically persistence of chemicals in environment
- Baseline data on uses for all chemicals on the inventory to assess "significant new uses"
- Integration of monitoring data within EPA
- Directory of files with pointers to location of the data

Specific concerns expressed by this group included lack of requirement for full reporting under section 8(b) by manufacturers,

importers, and processors because of the small business exemption under section 8(a) of TSCA. They recommend obtaining use information immediately to generate base line information for subsequent identification of new uses. They also expressed concern about quality control of data submitted as a result of regulations promulgated under TSCA and were concerned that verification checks be built into the information system.

EDUCATIONAL ORGANIZATIONS

Institute of Environmental Medicine
New York University Medical Center

The major objective of the research conducted at the Institute of Environmental Medicine is to gain an understanding of the effects of physical and chemical factors in the environment on human health. The research seeks to identify those environmental agents deleterious to human health and their biological interactions and effects, to assess the seriousness of their impact on human health, and to provide a basis for the elimination or reduction in the exposures of humans to such agents. Current responsibilities include development of applicable testing procedures for OTS to utilize in implementation of TSCA testing regulations.

The Institute staff members utilize files and informal contacts at NIOSH, OSHA, NCI, the Patent Office and the Advisory Center on Toxicology to supply current information requirements. For the most part, their data needs are adequately met, but they would use the following if they were easily available (e.g., on-line systems such as Medline and Toxline):

- Production, use and exposure data (precise numbers are not required);
- Single source file of testing data incorporating the concept of use to achieve an indication of exposure; and
- Physical/chemical property data and persistence data.

It was suggested that OTS should acquire sufficient technical expertise to ensure that pre-manufacturing data and testing data are reviewed and evaluated promptly. Concern was expressed that release

of unevaluated data to the general public could stimulate misinterpretation and misuse of the data. It was recommended that for section 8(a) or section 8(b) inventory reporting, EPA should exercise its information gathering authorities to generate data bases in production, exposure and use data, and that it should review, abstract and repackage the data as time permits. It was also felt that means for quality control should be built into the EPA information system to verify health and safety data. One such possible check on the processes for production of chemical substances would place the responsibility on industry to submit on a routine basis, data on contamination or impurities in their products.

The Institute of Environmental Medicine supports research and test methods development which is consistent with OTS priorities of developing and promulgating testing procedures for pre-manufacturing notification and section 4 testing requirements. Their information needs in terms of time constraints do not support the need for systems that provide information in real time; but they do have a justifiable requirement for researchers to have on-line access to integrated systems in an interactive mode to allow the scientists to structure and refine their search queries without the constraints of an intermediary.

APPENDIX C

LIST OF OTHER FILES IDENTIFIED IN SURVEY
NOT APPLICABLE TO TOXIC SUBSTANCES

APPENDIX C

LIST OF OTHER FILES IDENTIFIED IN SURVEY NOT APPLICABLE TO TOXIC SUBSTANCES

<u>SYSTEM</u>		<u>OWNER</u>
Advisory Center on Toxicology		NASA
Air Resources Laboratories		NOAA/DOC
Antibiotic Sensitivity Summary		HSA/HEW
Biotechnology Resources Information Gathering & Handling		NIH/HEW
Bibliographic Information Retrieval System	BIRS	ANL/ERDA
Ecological Sciences Information Center		ORNL/ERDA
Energy and Environmental Systems Information Retrieval System	EESIRS- GEOCODE	ANL/ERDA
Emission Control Data Base System		EPA
Environmental Monitoring		NIH/HEW
Environmental Monitoring Data Base Tennessee Valley Authority		TVA
Environmental Radiation Ambient Monitoring System		EPA
Fuels Availability System		BOM/DOI
Fuels Data Base		EPA
Imported Fire Ant Monitoring Program	Mirex	APHIS/USDA
Information Center for Energy Safety		ORNL/ERDA
Information Center for Internal Exposure		ORNL/ERDA
Inventory of Interstate Carrier Water Supply Systems		EPA
Mail Classification Division		U.S. Postal Service
National Coal Resources Data Geologic Division		USGS/DOI
National Geothermal Information Resource	GRID	LBL/ERDA

APPENDIX C (Continued)

<u>SYSTEM</u>		<u>OWNER</u>
National Standard Reference Data System	NSRDS	NBS/DOC
National Water Data System		USGS/DOI
Nuclear Safety Information Center		ORNL/ERDA
Nutrient Study of Fish & Fishery Products		NOAA/DOC
OACD Records Management System		TVA
Personnel Monitoring System		TVA
Pesticide Analytical Manual Data		FDA/HEW
Polar Information Service		NSF
PROPHET System		NIH/HEW
Semi-Annual and Monthly Radioisotope Inventory		NIH/HEW
Spill Prevention Control & Countermeasure System		EPA
Strip Mine Drainage Data		TVA
309 System		EPA
A106 Reporting System		EPA

APPENDIX D

SUMMARY REPORTS OF PRIMARY DATA SYSTEMS

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Advisory Center on Toxicology CONTACT: Ralph C. Wands PHONE: (202) 389-6751
 NAME: _____ AGENCY: NAS/NRC
 STREET ADDRESS: 2101 Constitution Avenue CITY: Washington STATE: DC ZIP: 20418

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Technical Information facility of the Advisory Center on Toxicology
has a manual card catalogue system. Journals, both foreign and domestic, reports, and reference
texts are indexed primarily to the chemicals covered in the published material. Information on
each catalogue card includes title, authors, and journal citations or report series information.
When available, LD₅₀ and LC₅₀, maximum allowable concentrations, and odor and taste threshold
data are entered on the catalogue cards. No abstracts are available.

This information is used by the Center's staff when responding to sponsors' requests for informa-
tion or advice. The services of the facility are not available to outside users except on a
very limited basis.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input checked="" type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1947</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>50,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u> _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY -- GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY -- OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input checked="" type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>																																
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Aerometric and Emissions Reporting System CONTACT: Air Pollution Technical Information Center PHONE (919) 549-2804
 NAME: AEROS AGENCY EPA
 STREET ADDRESS NC#54 and Alexander Drive CITY Research Triangle Park STATE NC ZIP 27711

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: AEROS is a comprehensive computer-based system established by the National Air Data Branch to collect, store and analyze air pollution data. The data are collected by the various state and local agencies and reported to EPA. These data are then stored and analyzed in AEROS. The most notable feature of AEROS is to provide concise and standardized reports on various aspects of air pollution. The AEROS data systems include: (1) NEDS (National Emissions Data System) - contains source and emissions related data for particulates, SO_x, NO_x, CO, and hydrocarbons, covering 3,200 area sources and 78,000 point sources; SAROAD (Storage and Retrieval of Aerometric Data) - collects information on pollutant levels at over 4,000 ambient air monitoring sites across the country; SOTDAT (Source Test Data System) - stores data too specific to be included in NEDS which has been collected from extensive tests conducted at pollution sources; EHIS (Emission History Information System) - reports U.S. pollution emission estimates for previous years and provides prediction data; SIPS (State Implementation Plan System) - stores state regulations and implemented federal regulations pertaining to air pollutant emissions; HATREMS (Hazardous and Trace Emissions System) stores data on air pollutants not included in NEDS; and EDS (Energy Data Systems) - contains energy-related data gathered from other AEROS data systems.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input checked="" type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: _____ to <u>present</u>	SIZE OF TOTAL DATA BASE: _____ (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:

WITHIN SYSTEM <u>NEDS, SAROAD, SOTDATA, EHIS (historical),</u> <u>(SIPS), FPC-67, (HATREMS), EDS, QAMIS</u>	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY -- GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY -- OCCUPATIONAL</p>																																
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Agricultural On-Line Access CONTACT: Dean F. Gamble PHONE (301) 344-3778
 NAME: AGRICOLA AGENCY National Agricultural Library
 STREET ADDRESS _____ CITY Beltsville STATE Maryland ZIP 20705

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY <input checked="" type="checkbox"/> <u>Reference</u>	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The system is designed to provide computer processing capability for library functions such as preparation of printed and card catalogs as well as a computer index of selected journal articles and reports of importance to agriculture. The data base was formerly known by the acronym CAIN. This has been changed to AGRICOLA with the addition of food and nutritional information center and agricultural economics data bases. The new acronym stands for Agricultural On-Line Access. The data base begins with the beginning of 1970 and currently is increasing at the rate of about 140,000 items per year. The magnetic tapes are sold to subscribers who may search them, use them to prepare the bibliography of agriculture and the National Agricultural Library monthly catalog or enter them in an on-line system.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1970</u> to <u>Present</u>	SIZE OF TOTAL DATA BASE: <u>915,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>Lockheed</u> <u>BRS</u> <u>SDC</u>

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>Title of Publication;</u> <u>Keywords</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY</p> <p><input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>		
<p>III. MARKETING</p> <p><input checked="" type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input checked="" type="checkbox"/> WATER</p> </td> <td style="width: 50%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input checked="" type="checkbox"/></p> <p>PLANTS</p> <p><input checked="" type="checkbox"/></p> <p>WILDLIFE</p> <p><input checked="" type="checkbox"/></p> <p>CONSUMER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input checked="" type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input checked="" type="checkbox"/></p> <p>PLANTS</p> <p><input checked="" type="checkbox"/></p> <p>WILDLIFE</p> <p><input checked="" type="checkbox"/></p> <p>CONSUMER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input checked="" type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input checked="" type="checkbox"/></p> <p>PLANTS</p> <p><input checked="" type="checkbox"/></p> <p>WILDLIFE</p> <p><input checked="" type="checkbox"/></p> <p>CONSUMER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>			

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Air Pollution Technical Information Ctr. Peter Halpin (919) 549-8411
 NAME: APTIC CONTACT: Ex. 2401
 AGENCY: EPA
 STREET ADDRESS: NC#54 & Alexander Drive CITY: Research Triangle Park STATE: NC ZIP: 27711

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: Eight hundred retrospective literature searches per year are performed on a file of 83,000 technical documents. Approximately 350 articles per month are added to the system from domestic and foreign journals, preprints, patents, government reports, and translations, etc.
An on-line file with abstracts allows the user to develop search criteria in an interactive environment. When the retrieved set of information is a manageable size, the user may print it either off-line or on-line. Full text of the abstracts is retained on magnetic tape.
The 800 search requests go through EPA personnel. They develop a search strategy and thereby, enhance the information retrieval process.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>82,500</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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WITHIN SYSTEM _____ _____ _____	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT <u>Lockheed</u> <u>SDC</u> <u>BRS</u>
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY -- GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY -- OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input checked="" type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY</p> <p><input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY</p> <p><input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>																																
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<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR <input checked="" type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input checked="" type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td>WATER <input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL <input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS <input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE <input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER <input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR <input checked="" type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input checked="" type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	WATER <input type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		SOIL <input type="checkbox"/>		PLANTS <input checked="" type="checkbox"/>		WILDLIFE <input type="checkbox"/>		CONSUMER <input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input checked="" type="checkbox"/> FEDERAL</p> <p><input checked="" type="checkbox"/> STATE</p> <p><input checked="" type="checkbox"/> LOCAL</p> <p><input checked="" type="checkbox"/> INTERNATIONAL</p>
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Annual Survey of Injuries & Illnesses CONTACT: Bill Mead PHONE _____
 NAME: _____ AGENCY Department of Labor/BLS
 STREET ADDRESS 4th and Constitution CITY Washington STATE DC ZIP _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input checked="" type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: A survey of establishments with more than 11 employees is conducted semi-annually. If they employ 250 or more employees, a business establishment is incorporated in every survey. The establishments are characterized by state, size, SIC classification and the incidence of job-related injuries (97%) or illnesses (3%). The data are proprietary with only summary statistics available. Illness is broken down into 7 broad categories and coupled with days of work lost, etc. Each survey also asks a few questions which vary each year and have covered availability of medical care, frequency of medical examinations and existence of health and safety training programs.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) <input checked="" type="checkbox"/> Biannually CHRONOLOGICAL COVERAGE: <u>1970</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>201,000</u> (=OF RECORDS) ANTICIPATED GROWTH _____ (=OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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WITHIN SYSTEM <u>N/A</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u> _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>SIC code; disability code</u></p> <hr style="width: 20%; margin-left: 0;"/>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>			
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC </p>			
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>			
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 10%; vertical-align: top; text-align: center;"> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 60%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>			

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Annual Survey of Manufacturers CONTACT: John H. Ambler PHONE 301-763-7536
 NAME: _____ AGENCY Bureau of Census/DOC
 STREET ADDRESS _____ CITY Washington STATE DC ZIP 20233

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input checked="" type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Annual Survey of Manufactures is taken every year from a probability
sample of about 70,000 manufacturing establishments selected from a total of about 320,000
establishments. Statistics are reported for value of product shipments and general industry
information such as employment, value added, etc. Data for inorganic and organic chemicals
are shown be product class according to the Standard Industrial Classification numbering system.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input checked="" type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: _____ (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM	OUTSIDE SYSTEM PARTICIPANT
_____	_____
_____	_____
_____	_____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>SIC Code</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td>WATER</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	WATER	<input type="checkbox"/> WATER	<input type="checkbox"/> SURFACE		<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																												
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Astro-4 Drug Information System CONTACT: David M. Moss PHONE (301) 443-2836
 NAME: _____ AGENCY FDA /HEW
 STREET ADDRESS 5600 Fishers Lane CITY Rockville STATE MD ZIP 20857

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This system maintains a file of data on New Drug Applications (NDAs) and Investigational New Drugs (INDs). The data include such items as: drug manufacturers, drug names (trade, generic, chemical), drug usage information (pharmacological activity, route of administration . . .), and status of drug applications. This system is used to generate reports to aid in the IND/NDA review process and for compliance purposes. The chemical structure of the ingredients can be identified and retrieved.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>Biweekly</u> CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>76,682</u> (# OF RECORDS) ANTICIPATED GROWTH <u>4,500</u> (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>6,000</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>Chemical Substructure Search System (NIH)</u>	OUTSIDE SYSTEM PARTICIPANT

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input checked="" type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input checked="" type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input checked="" type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> SURFACE	<input type="checkbox"/> WATER	<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/>		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input checked="" type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input checked="" type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Atlas of Cancer Mortality for U.S. Counties: 1950-1969 CONTACT: T. J. Mason PHONE: _____
 NAME: _____ AGENCY: NCI/NIH/HEW
 STREET ADDRESS: Epidemiology Branch CITY: Bethesda STATE: MD ZIP: 20014

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input checked="" type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The Atlas of Cancer Mortality for U.S. Counties: 1950-1969 shows geographic variation in cancer death rates across the U.S. for 35 anatomic sites of cancer. The Atlas contains maps of 16 common cancer sites on a county-by-county basis. The other 19 sites, for which fewer deaths occurred during 1950-1969, are mapped by state economic area (SEA). The SEA is a unit defined by the U.S. Bureau of the Census as a single county or group of counties with similar economic and social characteristics.
The maps are based on average annual cancer death rates (deaths per 100,000 population) computed after tabulation of cancer deaths in the U.S. during 1950-1969. This information, obtained from data provided by HEW's National Center for Health Statistics, is based on death certificates. The rates were computed separately for whites and nonwhites and for males and females. The data were adjusted to correspond to the distribution by age of the U.S. population in 1960. The resulting 729-page volume of cancer death rates was published by NCI in 1974.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> WEEKLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> OTHER (SPECIFY) <input type="checkbox"/> DAILY <input type="checkbox"/> MONTHLY <input type="checkbox"/> ANNUALLY CHRONOLOGICAL COVERAGE: <u>1950</u> to <u>1969</u>	SIZE OF TOTAL DATA BASE: <u>N/A</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS: WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR <input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td>WATER <input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL <input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS <input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE <input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER <input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	WATER <input type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		SOIL <input type="checkbox"/>		PLANTS <input type="checkbox"/>		WILDLIFE <input type="checkbox"/>		CONSUMER <input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Biological Data Storage and Retrieval System CONTACT: Dr. Cornelius Weber PHONE (513) 684-7337
 NAME: BIO-STORET AGENCY EPA
 STREET ADDRESS Aquatic Biology Section CITY Cincinnati STATE Ohio ZIP 45268

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: BIO-STORET is a computerized system (under development) that would store, retrieve, and analyze all relevant field and laboratory data generated by the EPA and other Federal and State programs conducting inland, estuarine and marine water quality monitoring, permit compliance monitoring, and studies of the effects of ocean disposed wastes and heated water discharges. Communities of indigenous aquatic organisms to be provided for in the BIO-STORET system include phytoplankton, zooplankton, periplankton, macroplankton, macroinvertebrates and fish. A hierarchial structure of biological taxonomic nomenclature is planned. Implementation of BIO-STORET on the OSI IBM Computer is imminent. BIO-STORET will serve as a companion to STORET, the water quality file.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>being developed</u> (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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WITHIN SYSTEM

SYSTEM INTERACTIONS:

OUTSIDE SYSTEM PARTICIPANT

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																										
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OCCUPATIONAL	ENVIRONMENTAL																																										
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																										

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Biomedical Studies Group CONTACT: Anna S. Hammons PHONE (615) 483-8611
 NAME: _____ AGENCY EPA
 STREET ADDRESS Oak Ridge National Lab., PO Box X CITY Oak Ridge STATE TN ZIP 37830

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The Biomedical Studies Group prepares comprehensive multimedia state-of-the-art reviews on the environmental and biological effects of pollutants. These reports will be used by the U.S. EPA as part of the background information required to establish environmental standards. Several of these reviews will eventually be published by EPA. The compounds covered to date are: asbestos, arsenic, chromium, cyanide, fluoride, mercury, cadmium, benzidine, beryllium, toxaphene, methylparathion, PCB's, endrin, and phenol. Future work is undecided at the present.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>14</u> (#OF RECORDS) ANTICIPATED GROWTH <u>12</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>14</u>
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SYSTEM INTERACTIONS: WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>NTIS</u> _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>			
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input checked="" type="checkbox"/> PRODUCTION PROCESS</p> <p><input checked="" type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input checked="" type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE <input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY <input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY <input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY <input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC </p>			
<p>III. MARKETING</p> <p><input checked="" type="checkbox"/> USERS</p> <p><input checked="" type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input checked="" type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> PLACE OF USE</p> <p><input checked="" type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> WEATHER MODIFICATION</p> <p><input checked="" type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>			
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input checked="" type="checkbox"/> WATER</p> </td> <td style="width: 30%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 40%; vertical-align: top;"> <p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input checked="" type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input checked="" type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>				

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Biosciences Information Services CONTACT: _____ PHONE: _____
 NAME: BIOSIS AGENCY: Biological Abstracts
 STREET ADDRESS: _____ CITY: Philadelphia STATE: PA ZIP: _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: BIOSIS includes bibliographic references to the entire field of life sciences. Abstracts of journal articles, books, symposia, letters, government reports and meetings are maintained in computer files from 1972 to the present. Biological Abstracts and Bioresearch Index serve as the basis for BIOSIS.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input checked="" type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>X BIWEEKLY</u> CHRONOLOGICAL COVERAGE: _____ to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>4,000,000</u> (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>Biological Abstracts</u> <u>Bioresearch Index</u>	OUTSIDE SYSTEM PARTICIPANT <u>SDS</u> <u>Lockheed</u>

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>			
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE <input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY <input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY <input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY <input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC </p>			
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> WEATHER MODIFICATION</p> <p><input checked="" type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>			
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input checked="" type="checkbox"/> WATER</p> </td> <td style="width: 30%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 40%; vertical-align: top;"> <p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input checked="" type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input checked="" type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>			

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Cancer Information On-Line CONTACT: ICRBD Program Office PHONE (301) 496-6474
 NAME: Cancerline AGENCY: NCI/NIH/HEW
 STREET ADDRESS: National Cancer Institute CITY: Bethesda STATE: MD ZIP: 20014

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY <input checked="" type="checkbox"/> Reference	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input checked="" type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: Canderline is a computer-based system for on-line retrieval of abstracts
derived from published results of cancer research. It consists of three subsystems: Cancerlit
(abstracts of all cancer-related literature); Cancerproj (descriptions of current cancer
research projects); and Clinprot (summaries of clinical protocols).

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1963</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>80,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> WITHIN SYSTEM <u>Cancer Projects</u> <u>Clinprot</u> <u>Cancerlit</u> </div> <div style="width: 45%;"> OUTSIDE SYSTEM PARTICIPANT <u>NLM</u> </div> </div>
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY - GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY - OCCUPATIONAL</p>																																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY</p> <p><input checked="" type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																																
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">OCCUPATIONAL</td> <td style="width: 30%; text-align: center;">ENVIRONMENTAL</td> <td style="width: 40%;"></td> </tr> <tr> <td><input checked="" type="checkbox"/> WORK FORCE</td> <td>AIR</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</td> <td></td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-EMISSIONS</td> <td>WATER</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-WORKPLACE</td> <td></td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> <td><input checked="" type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL		<input checked="" type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> QUALITY	<input checked="" type="checkbox"/> OCCUPATIONAL GROUP		<input type="checkbox"/> EMISSIONS	<input checked="" type="checkbox"/> AIR-EMISSIONS	WATER	<input type="checkbox"/> SURFACE	<input checked="" type="checkbox"/> AIR-WORKPLACE		<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER		<input type="checkbox"/> MARINE OR ESTUARINE			<input checked="" type="checkbox"/> DRINKING WATER		SOIL	<input type="checkbox"/>		PLANTS	<input type="checkbox"/>		WILDLIFE	<input type="checkbox"/>		CONSUMER	<input checked="" type="checkbox"/> FOOD			<input checked="" type="checkbox"/> DRUGS			<input checked="" type="checkbox"/> COSMETICS			<input checked="" type="checkbox"/> PESTICIDES			<input checked="" type="checkbox"/> CONSUMER PRODUCTS			<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																																
<input checked="" type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> QUALITY																																															
<input checked="" type="checkbox"/> OCCUPATIONAL GROUP		<input type="checkbox"/> EMISSIONS																																															
<input checked="" type="checkbox"/> AIR-EMISSIONS	WATER	<input type="checkbox"/> SURFACE																																															
<input checked="" type="checkbox"/> AIR-WORKPLACE		<input type="checkbox"/> GROUND																																															
<input type="checkbox"/> WATER		<input type="checkbox"/> MARINE OR ESTUARINE																																															
		<input checked="" type="checkbox"/> DRINKING WATER																																															
	SOIL	<input type="checkbox"/>																																															
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Carcinogenesis Bioassay CONTACT: Mary S. Linhart PHONE (301) 496-4522
Data System
 NAME: CBDS AGENCY NCI/NIH/HEW
 STREET ADDRESS Landow Bldg., 7910 Woodmont Avenue CITY Bethesda STATE Maryland ZIP _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input checked="" type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Carcinogenesis Bioassay Data System (CBDS) provides for the collection, maintenance, and reporting of bioassay information. Background data is collected about the chemicals and chemical preparations, the experimental environment, the animal colonies, and groups. Throughout the experiments, observation data is gathered. A complete pathology report is submitted following the death of each individual animal. These data are essential when evaluating the carcinogenicity of the substances under test.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input checked="" type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>Bi-weekly</u> CHRONOLOGICAL COVERAGE: <u>1971</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>500,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>60</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>950</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u> _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input checked="" type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-WORKPLACE</td> <td>WATER</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input checked="" type="checkbox"/> AIR-WORKPLACE	WATER	<input type="checkbox"/> WATER	<input type="checkbox"/> SURFACE		<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input checked="" type="checkbox"/> DRINKING WATER		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																												
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	<input type="checkbox"/> CONSUMER PRODUCTS																																												
	<input type="checkbox"/> OTHER																																												
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Census Bureau Foreign Trade CONTACT: Paul Finn PHONE (301) 763-5140
 NAME: Foreign Trade Division Statistics AGENCY Census Bureau/DOC
 STREET ADDRESS _____ CITY _____ STATE _____ ZIP _____

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input checked="" type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input checked="" type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: Statistical data of United States exports and imports are collected from
Shippers' Export Declarations and import entries filed with Customs officials and transmitted to
the Bureau of the Census. The statistics compiled include information on the dollar value and
net quantity (pounds, gallons, square yards, etc.) of U.S. imports and exports of commodities by
all methods of transportation combined and shipping weight and value of shipments made by vessel
and by air. Data are shown by country of origin and destination, and Customs districts through
which merchandise enters and leaves the United States.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input checked="" type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>Early 40's</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>10,000 import classes</u> <u>3,000 export classes</u>
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WITHIN SYSTEM	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT
<div style="border-bottom: 1px solid black; width: 90%; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; width: 90%; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; width: 90%;"></div>	<div style="border-bottom: 1px solid black; width: 90%; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; width: 90%; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; width: 90%;"></div>

I. SUBSTANCE IDENTIFICATION <input type="checkbox"/> MOLECULAR FORMULA <input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER <input type="checkbox"/> CAS NAME <input type="checkbox"/> IUPAC <input checked="" type="checkbox"/> SYNONYMS <input type="checkbox"/> WISWESSER LINE NOTATION <input type="checkbox"/> CHEMICAL STRUCTURE <input type="checkbox"/> CHEMICAL PROPERTIES <input type="checkbox"/> PHYSICAL PROPERTIES <input type="checkbox"/> COMPOSITION <input checked="" type="checkbox"/> OTHER <u>SIC Code</u> <u>TSUS, Schedule 6 B codes (export/import)</u>	V. EPIDEMIOLOGY DATA <input type="checkbox"/> EPIDEMIOLOGY - GENERAL <input type="checkbox"/> EPIDEMIOLOGY - OCCUPATIONAL
II. PRODUCTION ASPECTS <input type="checkbox"/> PRODUCTION QUANTITY <input type="checkbox"/> PLANT LOCATION <input type="checkbox"/> PRODUCTION PROCESS <input type="checkbox"/> BYPRODUCTS, IMPURITIES <input type="checkbox"/> CONTROL TECHNOLOGY <input checked="" type="checkbox"/> Imports and exports	VI. BIOLOGICAL EFFECTS <input type="checkbox"/> BIOCHEMICAL STUDIES <input type="checkbox"/> CLINICAL STUDIES <input type="checkbox"/> TOXICOLOGICAL STUDIES <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC
III. MARKETING <input type="checkbox"/> USERS <input checked="" type="checkbox"/> USERS (WITH AMOUNTS) <input type="checkbox"/> USES <input checked="" type="checkbox"/> USES (WITH AMOUNTS) <input checked="" type="checkbox"/> PLACE OF USE <input type="checkbox"/> SUBSTITUTES <input checked="" type="checkbox"/> ECONOMIC INFORMATION	VII. ENVIRONMENTAL EFFECTS <input type="checkbox"/> DEGRADATION PRODUCTS <input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE <input type="checkbox"/> ECOLOGICAL EFFECTS <input type="checkbox"/> WEATHER MODIFICATION <input type="checkbox"/> MATERIALS <input type="checkbox"/> BIOACCUMULATION
IV. EXPOSURE <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> OCCUPATIONAL <input type="checkbox"/> WORK FORCE <input type="checkbox"/> OCCUPATIONAL GROUP <input type="checkbox"/> AIR-EMISSIONS <input type="checkbox"/> AIR-WORKPLACE <input type="checkbox"/> WATER </div> <div style="width: 50%;"> ENVIRONMENTAL <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> AIR WATER SOIL PLANTS WILDLIFE CONSUMER </div> <div style="width: 55%;"> <input type="checkbox"/> QUALITY <input type="checkbox"/> EMISSIONS <input type="checkbox"/> SURFACE <input type="checkbox"/> GROUND <input type="checkbox"/> MARINE OR ESTUARINE <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> FOOD <input type="checkbox"/> DRUGS <input type="checkbox"/> COSMETICS <input type="checkbox"/> PESTICIDES <input type="checkbox"/> CONSUMER PRODUCTS <input type="checkbox"/> OTHER </div> </div> </div> </div>	VIII. STANDARDS AND REGULATIONS <input type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> LOCAL <input type="checkbox"/> INTERNATIONAL
	IX. MANAGERIAL/ADMINISTRATIVE <input type="checkbox"/> PROGRAM MANAGEMENT <input type="checkbox"/> FISCAL <input type="checkbox"/> PERSONNEL <input type="checkbox"/> FACILITY <input type="checkbox"/> OTHER

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Census of Manufacturers CONTACT: Data User Services PHONE (301) 763-7454

NAME: _____ AGENCY Census/DOC

STREET ADDRESS _____ CITY Washington STATE DC ZIP 20233

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input checked="" type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The economic censuses are taken every 5 years, for years ending in 2 and 7.
Statistics are reported for areas ranging in size from regions and States to incorporated places
of 2,500. It is often necessary to report only for relatively large areas in order to protect
the confidentiality of data on the few businesses reporting from small areas. There are two
Census of Manufacturers reports: (1) the industry series and (2) the area reports. Data is
included on employee number (both total and production workers), man-hours, value and quantity
of products, cost of materials, value added, and several other subjects.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>every 5 years</u> CHRONOLOGICAL COVERAGE: <u>1967</u> to <u>1972</u>	SIZE OF TOTAL DATA BASE: _____(# OF RECORDS) ANTICIPATED GROWTH _____(# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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WITHIN SYSTEM	OUTSIDE SYSTEM PARTICIPANT
<div></div>	<div></div>

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																										
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<p>III. MARKETING</p> <p><input checked="" type="checkbox"/> USERS</p> <p><input checked="" type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																										
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	<input type="checkbox"/> OTHER																																										
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																										

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Chemical Abstracts Service CONTACT: Sherry Anthony PHONE (614) 421-6940
Information System
 NAME: CAS AGENCY: _____

STREET ADDRESS Ohio State University CITY Columbus STATE Ohio ZIP 43210

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Chemical Abstracts Service (CAS) Information System is a group of
chemical information services that provide access through abstracts, indexes, and bibliographic
citations to what is new and significant for chemistry and chemical engineering. CAS services
is intended to make users aware of and to help them locate reports of new research and tech-
nological developments of chemical and chemical engineering interest in the world's scientific
and technical literature. CAS provides a variety of information services in computer-readable
form. These files include: CA Condensates (CACon); Chemical-Biological Activities (CBAC);
Ecology and Environment; Energy; Food and Agricultural Chemistry; Materials; Polymer Science
and Technology (POST); CA Subject Index Alert (CASIA); Chemical Titles (CT); CAS Source Index
(CASSI); Patent Concordance; and Chemical Industry Notes (CIN).

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input checked="" type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>Depends on file</u> CHRONOLOGICAL COVERAGE: _____ to <u>present</u>	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH <u>470,000</u> documents (#OF EXEMPTED RECORDS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM	OUTSIDE SYSTEM PARTICIPANT
_____	<u>BRS</u>
_____	<u>SDC</u>
_____	<u>Lockheed</u>

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input checked="" type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input checked="" type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input checked="" type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input checked="" type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR <input checked="" type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input checked="" type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td>WATER <input checked="" type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input checked="" type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input checked="" type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL <input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS <input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE <input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER <input checked="" type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR <input checked="" type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input checked="" type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	WATER <input checked="" type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input checked="" type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input checked="" type="checkbox"/> MARINE OR ESTUARINE		<input checked="" type="checkbox"/> DRINKING WATER		SOIL <input checked="" type="checkbox"/>		PLANTS <input checked="" type="checkbox"/>		WILDLIFE <input checked="" type="checkbox"/>		CONSUMER <input checked="" type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input checked="" type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p> <p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>
OCCUPATIONAL	ENVIRONMENTAL																																
<input type="checkbox"/> WORK FORCE	AIR <input checked="" type="checkbox"/> QUALITY																																
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	<input type="checkbox"/> COSMETICS																																
	<input checked="" type="checkbox"/> PESTICIDES																																
	<input type="checkbox"/> CONSUMER PRODUCTS																																
	<input type="checkbox"/> OTHER																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Chemical Abstracts Service Chemical
 IDENTIFICATION: Registry System CONTACT: Sherry Anthony PHONE (614) 421-6940
 NAME: _____ AGENCY Chemical Abstracts Service
 STREET ADDRESS Ohio State University CITY Columbus STATE Ohio ZIP 43210

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: CAS will provide on request a CAS Registry Number for each unambiguously
described chemical substance currently present in the CAS Chemical Registry System.

A CAS Registry Number is a unique identifying number that is assigned to a specific chemical
substance by the computer-based CAS Chemical Registry System. This system identifies a chemical
substance on the basis of a computer-language description of its structural (including stereo-
chemical characteristics. All specific substances identified in the primary literature for
indexing in CA since 1965 have been registered in the system.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>as available</u> CHRONOLOGICAL COVERAGE: <u>1965</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>3,500,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>350,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>3,500,000</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u>	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u>

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																														
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																														
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																														
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td>WATER</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	WATER	<input type="checkbox"/> WATER	<input type="checkbox"/> SURFACE		<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/>		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																														
<input type="checkbox"/> WORK FORCE	AIR																																														
<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY																																														
<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS																																														
<input type="checkbox"/> AIR-WORKPLACE	WATER																																														
<input type="checkbox"/> WATER	<input type="checkbox"/> SURFACE																																														
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	<input type="checkbox"/> MARINE OR ESTUARINE																																														
	<input type="checkbox"/> DRINKING WATER																																														
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	<input type="checkbox"/> PESTICIDES																																														
	<input type="checkbox"/> CONSUMER PRODUCTS																																														
	<input type="checkbox"/> OTHER																																														
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																														

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Chemical Dictionary CONTACT: Daniel F. McCarthy PHONE (202) 382-6202
 NAME: _____ AGENCY US International Trade Commission
 STREET ADDRESS 701 E Street, N.W CITY Washington STATE DC ZIP 20436

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Chemical Dictionary is a bibliographic listing of chemical names developed by the United States International Trade Commission (USITC) from names submitted by U.S. Manufacturers of Synthetic Organic Chemicals and from U.S. Importers of Benzenoid Chemicals. This list is maintained on magnetic tape and consists of approximately 15,000 names of chemicals produced and imported in the United States within the last three years. Each chemical is classified according to the Tariff Schedule of the United States - Annotated (TSUSA) and the Brussels Tarriff Nomenclature (BTN) System, and is also indexed and accessed by a unique chemical code assigned by the USITC.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input checked="" type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>15,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>600</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>15,000</u>
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SYSTEM INTERACTIONS:

WITHIN SYSTEM <u>Details of Shipments, U.S. Customs, Treasury Department</u>	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER (some)</p> <p><input checked="" type="checkbox"/> CAS NAME (some)</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS (some)</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>TSUSA and BTN</u> codes</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR <input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td>WATER <input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL <input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS <input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE <input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER <input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	WATER <input type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		SOIL <input type="checkbox"/>		PLANTS <input type="checkbox"/>		WILDLIFE <input type="checkbox"/>		CONSUMER <input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																
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	<input type="checkbox"/> CONSUMER PRODUCTS																																
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Chemical Dictionary On-Line CONTACT: Bruno M. Vasta PHONE (301) 496-1131
 NAME: CHEMLINE AGENCY: NLM/NIH/HEW
 STREET ADDRESS: 8600 Rockville Pike CITY: Bethesda STATE: Maryland ZIP: 20014

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY <input checked="" type="checkbox"/> Reference	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: CHEMLINE provides a mechanism whereby over 330,000 chemical substance names representing nearly 100,000 unique substances, can be searched and retrieved on-line. This file contains CAS Registry Numbers; molecular formulas; preferred chemical index nomenclature; generic and trivial names derived from the CAS Registry Nomenclature File; and a locator designation which points to other files in the NLM system containing information on that particular chemical substance. For a limited number of records in the file, there are Medical Subject Headings (MeSH) terms and Wiswesser Line Notations (WLN). In addition, where applicable, each registry number record in CHEMLINE contains ring information including: number of rings within a ring system, ring sizes, ring elemental composition, and component line formulas.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input checked="" type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1973</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>330,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>10,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>100,000</u>
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WITHIN SYSTEM <u>Chemical Abstracts Service Information System</u> <u>Oak Ridge National Lab</u>	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input checked="" type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>Mesh terms;</u> <u>Ring information</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td>WATER</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	WATER	<input type="checkbox"/> WATER	<input type="checkbox"/> SURFACE		<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Chemical Economics Handbook CONTACT: _____ PHONE (415) 326-6200

NAME: _____ AGENCY Stanford Research Institute (SRI)

STREET ADDRESS _____ CITY Menlo Park STATE CA ZIP 94025

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Chemical Economics Handbook contains information on economically important compounds. The data includes manufacturers, production processes, quantities and value, as well as feed chemicals, byproducts, and substitute chemicals and/or processes. There is a projection of future production quantity and value based on past data and anticipated sales and use.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input checked="" type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>(updated as needed)</u>	SIZE OF TOTAL DATA BASE: _____ (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>more than 10,000</u>
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SYSTEM INTERACTIONS: WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Current Industrial Reports CONTACT: John H. Amler PHONE (301) 763-7536
 NAME: _____ AGENCY Bureau of the Census, DOC
 STREET ADDRESS _____ CITY Washington STATE DC ZIP 20233

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Current Industrial Reports comprise a series of about 100 mail surveys collected on a monthly, quarterly, or annual basis. Included in these surveys are 5 monthly and 4 annual reports covering the inorganic chemical industry. These surveys include production and shipments data for approximately 150 selected chemicals. All data that are collected and do not disclose individual company data are published by the Standard Industrial Classification numbering system.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: _____ (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>			
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input checked="" type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC </p>			
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>			
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 10%; vertical-align: top; text-align: center;"> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 60%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>			

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Chemical Information and Data CONTACT: Reuben Proper PHONE (301) 671-3873
 NAME: System CIDS AGENCY Army /DOD

STREET ADDRESS Building E5101 CITY Aberdeen Proving STATE Maryland ZIP 21010
Ground

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input checked="" type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: CIDS is a chemical information bank. Each record contains the following:
structural formula image, molecular formula, nomenclature, references to current literature with
descriptors defining the information in these references, CIDS Registry Numbers, and where possible
Chemical Abstracts Registry Numbers. As new data are obtained from the literature these records
are updated. Also, new compounds are constantly added to the system

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input checked="" type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>as new</u> <u>data received</u> CHRONOLOGICAL COVERAGE: _____ to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>50,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS: WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> SURFACE	<input type="checkbox"/> WATER	<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/>		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Chemical Information System CONTACT: Dr. Stephen R. Heller PHONE (202)755-4938
 NAME: CIS AGENCY NIH/EPA
 STREET ADDRESS Fein Marquart, Inc. CITY Rockville STATE Maryland ZIP _____

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input checked="" type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input checked="" type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input checked="" type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The NIH/EPA Chemical Information System (CIS) is a collection of programs and data bases publicly available on a world-wide dial-up interactive computer network. The CIS uses the Chemical Abstracts Service (CAS) Registry Number (REGN) as a standard classification scheme for chemical substances and also as a standard means for storing and for obtaining rapid access to information respecting such chemical substances. Structural searches are possible as well.

Subsystems contained within CIS include: Substructure Search (SSS); Mass Spectral Search System (MSSS); Carbon-13 Nuclear Magnetic Resonance Spectral Search Systems (CNMR); Mass Spectral Bibliographic Search System (BULL); Graphical Interactive NMR Analysis Program; Conformational Analysis of Molecules in Solution (CAMSEQ); Isotopic Label Incorporation Determination; Mass Spectral Identification; Proton Affinity Retrieval System; X-Ray Crystal Data Retrieval System; X-Ray Crystal Structure Retrieval System; and X-Ray Powder Diffraction Retrieval System. Information from the British Mass Spectral Data Centre will also be incorporated into the MSSS files.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input checked="" type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>varies for each file</u> CHRONOLOGICAL COVERAGE: <u>1976</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>150,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>100,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>50,000</u>
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SYSTEM INTERACTIONS:

WITHIN SYSTEM <u>NIH, NBS, ERDA, UK Govt., Dutch Chemical Society,</u> <u>etc. Provide input files.</u>	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input checked="" type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input checked="" type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>X-ray Diffraction, CNMR, Mass Spec., TSCA Inventory</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																										
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																										
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<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input checked="" type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input checked="" type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input checked="" type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input checked="" type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	<input checked="" type="checkbox"/> SURFACE	<input type="checkbox"/> WATER	<input checked="" type="checkbox"/> GROUND		<input checked="" type="checkbox"/> MARINE OR ESTUARINE		<input checked="" type="checkbox"/> DRINKING WATER		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																										
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Chemical Monograph Referral CONTACT: _____ PHONE (301) 492-6477
NAME: CHEMRIC Center AGENCY CPSC
STREET ADDRESS 5401 Westbard Ave. CITY Bethesda STATE Maryland ZIP 20207

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input checked="" type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: CHEMRIC is a file of monographs on chemical substances which are being prepared by Federal agencies, industry, and other groups interested in chemical regulation, and/or control of chemicals.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input checked="" type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ 1975 to _____ 1977	SIZE OF TOTAL DATA BASE: _____ 350 _____ (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:

WITHIN SYSTEM

N/A

OUTSIDE SYSTEM PARTICIPANT

N/A

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input checked="" type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input checked="" type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY</p> <p><input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY</p> <p><input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>																																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																																
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td></td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> <td><input checked="" type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td>WATER</td> <td><input checked="" type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td></td> <td><input checked="" type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td></td> <td><input checked="" type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL		ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input checked="" type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	WATER	<input checked="" type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS		<input checked="" type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE		<input checked="" type="checkbox"/> GROUND	<input type="checkbox"/> WATER		<input type="checkbox"/> MARINE OR ESTUARINE			<input checked="" type="checkbox"/> DRINKING WATER		SOIL	<input type="checkbox"/>		PLANTS	<input type="checkbox"/>		WILDLIFE	<input type="checkbox"/>		CONSUMER	<input type="checkbox"/> FOOD			<input type="checkbox"/> DRUGS			<input checked="" type="checkbox"/> COSMETICS			<input checked="" type="checkbox"/> PESTICIDES			<input checked="" type="checkbox"/> CONSUMER PRODUCTS			<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p> <p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>
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		<input checked="" type="checkbox"/> CONSUMER PRODUCTS																																															
		<input type="checkbox"/> OTHER																																															

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Chemical Names File CONTACT: Dr. Sidney Siegel PHONE (301) 496-4521
 NAME: _____ AGENCY HEW/NCI/NIH
 STREET ADDRESS _____ CITY Bethesda STATE Maryland ZIP 20014

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This system of records has been generated as a spin off from the PHS-149
publication series titled "Survey of Compounds which have been Tested for Carcinogenic Activity."
There are 7 published volumes in the series which cover the scientific literature through 1973.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>w/production</u> <u>of each volume</u> CHRONOLOGICAL COVERAGE: <u>1963</u> to <u>1973</u>	SIZE OF TOTAL DATA BASE: <u>80,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>1,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>8,000</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>IARC Monographs</u> <u>EMIC</u> <u>ETIC</u>	OUTSIDE SYSTEM PARTICIPANT

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input checked="" type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY - GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY - OCCUPATIONAL</p>																																												
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Chemical Transportation Emergency CONTACT: _____ PHONE (202) 483-6126
 NAME: CHEMTREC Center AGENCY: Manufacturing Chemists Assn.
 STREET ADDRESS: 1825 Connecticut Ave., NW CITY: Washington STATE: D.C. ZIP: _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY <input checked="" type="checkbox"/> <u>Emergency Information</u>	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: CHEMTREC provides immediate action response information to the scene of a chemical transportation accident upon receipt of a call identifying the compound involved. The communicator obtains certain basic information from the appropriate card, including hazards, and what to do in case of spills, leaks, fire, and exposure. Product information, trade names, and personnel contacts are also available. Card files on chemicals contain specific information in addition to the hazard and product data, such as odor, effect with water, flash point, ignition temperature, and vapor density. CHEMTREC is designed to deal with chemical transportation emergencies.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ 1971 to <u>present</u>	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS: WITHIN SYSTEM <u>N/A</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u> _____ _____ _____
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<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																										
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input checked="" type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																										
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																										

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Clinical Toxicology of Commercial CONTACT: Jane Braddock PHONE (716) 275-3146
CTCP Products
 NAME: _____ AGENCY: Department of Toxicology
 STREET ADDRESS University of Rochester CITY Rochester STATE NY ZIP 14642

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: CTCP is a file of over 20,000 trade names and ingredients of commercial
products. Each product and ingredient is rated for toxicity. Historical searches are
available to trace products or manufacturers no longer reported in the file.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input checked="" type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>18-20,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS: WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY -- GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY -- OCCUPATIONAL</p>																																												
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<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Component Information for

IDENTIFICATION: Chemical Consumer Products CONTACT: T. Kuch PHONE (301) 492-6477
 NAME: _____ AGENCY CPSC
 STREET ADDRESS 5401 Westbard Avenue CITY Bethesda STATE MD ZIP 20207

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input checked="" type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This system records the chemical formulations of approximately 15,000
consumer products under CPSC regulation (legal basis: Consumer Product Safety Act of 1972),
including: name and address or manufacturer; arbitrary manufacturer identification code; trade
name of product; arbitrary product identification code; chemicals present in each product;
percentage of each chemical to the 0.1% level; chemical common name; chemical preferred name;
chemical synonyms; Chemical Abstracts Registry Number; arbitrary chemical identification code.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input checked="" type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>not yet determined</u> CHRONOLOGICAL COVERAGE: <u>1975</u> to <u>1977</u>	SIZE OF TOTAL DATA BASE: <u>15,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>8,600</u>
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SYSTEM INTERACTIONS:

WITHIN SYSTEM <u>Name-match (CAS)</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p> <p><input checked="" type="checkbox"/> Producer name and address</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Congressional Information Service
Index CONTACT: _____ PHONE _____
 NAME: CIS Index AGENCY Congressional Information Services, Inc.
 STREET ADDRESS 7101 Wisconsin Avenue, Suite 900A CITY Washington STATE DC ZIP 20014

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This system references all U.S. Congress Publications: hearings, committee prints, House and Senate Reports, Documents, special publications, Senate Executive Reports and Documents.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>73,500</u> (#OF RECORDS) ANTICIPATED GROWTH <u>RECORDS</u> <u>11,000</u> (#OF CHANGES /YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:

WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>SDC</u> _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY - GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY - OCCUPATIONAL</p>																																		
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																		
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																		
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR <input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td>WATER <input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>SOIL <input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>PLANTS <input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>WILDLIFE <input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>CONSUMER <input type="checkbox"/> FOOD</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	WATER <input type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/>	SOIL <input type="checkbox"/>	<input type="checkbox"/>	PLANTS <input type="checkbox"/>	<input type="checkbox"/>	WILDLIFE <input type="checkbox"/>	<input type="checkbox"/>	CONSUMER <input type="checkbox"/> FOOD	<input type="checkbox"/>		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input checked="" type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																		
<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY																																		
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	<input type="checkbox"/> PESTICIDES																																		
	<input type="checkbox"/> CONSUMER PRODUCTS																																		
	<input type="checkbox"/> OTHER																																		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Congressional Record Abstracts CONTACT: _____ PHONE: _____

NAME: CRECORD AGENCY: Capitol Services Inc.

STREET ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: CRECORD is an index to the Congressional Record with weekly updates.
It is a complementary system to CIS (Congressional Information Service).

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>40,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>90,000</u> records (#OF CHRONOLOGICAL YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>Congressional Record</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>SDC</u> _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> SURFACE	<input type="checkbox"/> WATER	<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/>		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input checked="" type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																												
<input type="checkbox"/> WORK FORCE	AIR																																												
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Current Employment Statistics CONTACT: Ms. Goings PHONE (202) 523-1364

NAME: _____ AGENCY: Bureau of Labor Statistics/DOL

STREET ADDRESS _____ CITY: Washington STATE: DC ZIP: _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input checked="" type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This system contains the number of employees and number of hours worked by Industrial SIC code. It provides an estimate of the size of the workforce in any given industry. The system provides monthly average employment figures for approximately 270 industries (SIC), using about 160,000 reporting companies. Job classifications include production and non-supervisory personnel by industry classification. Limited information by state or Standard Metropolitan Statistical Area is available.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>Some SICs</u> <u>from 1900 to present</u>	SIZE OF TOTAL DATA BASE: <u>160,000</u> (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM	OUTSIDE SYSTEM PARTICIPANT
_____	_____
_____	_____
_____	_____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>SIC code</u> _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>			
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p> <p><input checked="" type="checkbox"/> Industry</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC </p>			
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>			
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 10%; vertical-align: top; text-align: center;"> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 60%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>				

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Data Base of the U.S. ITC CONTACT: Aimison Jonnard PHONE: (202) 382-6201
 NAME: _____ AGENCY: U.S. International Trade Commission
 STREET ADDRESS: 701 E Street, N. W. CITY: Washington STATE: DC ZIP: 20436

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The U.S. International Trade Commission collects production and sales in pounds, and sales in dollars, for all synthetic organic chemicals produced in the United States on a commercial scale, from every manufacturer, annually. This is about 8,000 chemicals from 800 manufacturers. All these data are published in a form that does not disclose the operations of any individual manufacturer, along with a directory of these chemicals and the manufacturers of each chemical. Second, production in pounds is similarly collected and published every month for 108 of the most important synthetic organic chemicals. Third, data on imports of individual benzenoid chemicals (as defined in the Tariff Schedules of the United States) are obtained from U.S. Customs and published annually.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input checked="" type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1973 to present</u>	SIZE OF TOTAL DATA BASE: <u>84,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>300</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>15,000</u>
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WITHIN SYSTEM <u>Details of Shipments (Treasury Dept.)</u>	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME (some)</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS (some)</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY - GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY - OCCUPATIONAL</p>																																				
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																				
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input checked="" type="checkbox"/> USES (WITH AMOUNTS) (some)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p> <p>X Imports</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																				
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> SURFACE	<input type="checkbox"/> WATER	<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/> SOIL		<input type="checkbox"/> PLANTS		<input type="checkbox"/> WILDLIFE		<input type="checkbox"/> CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input checked="" type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																				
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	<input type="checkbox"/> OTHER																																				
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																				

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION Defense Documentation Center CONTACT: Howard B. Lawson PHONE (202) 274-7206
 NAME: DDC AGENCY Defense Logistics Agency/DOD
 STREET ADDRESS Cameron Station CITY Alexandria STATE Virginia ZIP 22314

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE 16% PROPRIETARY <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input checked="" type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Defense Documentation Center develops and operates programs to provide DoD Scientific and Technical Information (STINFO) products and services to the Research, Development, Test, and Evaluation (RDT&E) user community. DDC collects, processes, retrieves, and supplies formally recorded technical information in all scientific disciplines and engineering fields of interest to the Department of Defense.
DDC consists of three data banks: (1) Technical Reports (1,200,000 records); Work Unit (90-100,000 records); and R & D Program Planning (17,000 records). Technical reports are distributed to NTIS, the Library of Congress, NASA, the Smithsonian Institute, and to Department of National Defense, Canada.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input checked="" type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input checked="" type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM	OUTSIDE SYSTEM PARTICIPANT
NTIS	
_____	_____
_____	_____
_____	_____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																
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OCCUPATIONAL	ENVIRONMENTAL																																
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Directory of Chemical Producers -

IDENTIFICATION: U.S.A. CONTACT: _____ PHONE (415) 326-6200
 NAME: DCP AGENCY Stanford Research Institute (SRI)
 STREET ADDRESS _____ CITY Menlo Park STATE CA ZIP 94025

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Directory of Chemical Producers - U.S.A. is divided into three parts -
a Companies section, a Products section, and a Regional index. The Companies section lists
plants and products, both prime and captive, for approximately 1300 companies. Cross-references
are also included to cover divisions or wholly owned subsidiaries which operate under their own
name, and also to make note of recent name changes and mergers. The Products section lists
chemicals alphabetically and includes cross-references for over 10,000 commercial chemicals.
In addition to listing the producers and producing locations, information on capacity, process,
and raw material is included for some major chemicals. The Regional index lists the company
plants alphabetically by state and by abbreviated zip code.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input checked="" type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>as of January 1, 1976</u>	SIZE OF TOTAL DATA BASE: <u>10,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>10,000</u>
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WITHIN SYSTEM <u>N/A</u>	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT <u>N/A</u>
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY capacity</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input checked="" type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>		
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 50%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Distribution Register of Organic Pollutants in Water CONTACT: Wayne Garrison PHONE (404) 546-3453
 NAME: Waterdrop AGENCY EPA
 STREET ADDRESS Environmental Research Lab CITY Athens STATE GA ZIP 30601

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The data base constructed in this study is a first attempt to compile a list of the organic compounds found in water considering their frequency of occurrence. Since the data base was estimated to be large, provisions were made to make the file amenable to computer handling. Descriptors were added to each entry so that the geographic location, literature reference, water type, and date of analysis would be available. Data were taken from government publications, open scientific literature and unpublished results of survey analyses from EPA Regional Offices and Research Laboratories. The list can be sorted by computer using the compound name or any of the three descriptors as the basis of sorting. The computer can further order the list to give the frequency of occurrence of any one descriptor or the compound name. At present (May, 1977), the data base is not yet on-line.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL planned	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>not yet on-line</u> to	SIZE OF TOTAL DATA BASE: <u>5,700</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>1,259</u>
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computerization WITHIN SYSTEM _____ _____ _____	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>descriptors of location, water type</u> <u>date of analysis</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>		
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 70%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Drug Registration and Listing System CONTACT: David M. Moss PHONE (301) 443-2836
 NAME: _____ AGENCY FDA/HEW
 STREET ADDRESS 5600 Fishers Lane CITY Rockville STATE Maryland ZIP 20857

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input checked="" type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Drug Registration and Listing System maintains data files on drug establishments registered with FDA and all product data submitted by drug firms relative to the Drug Listing Act of 1972. In addition to human drugs, it includes biologicals, in vitro diagnostic products and veterinary drugs. The chemical abstract numbers for ingredients can be related to preferred ingredient names.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input checked="" type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1968</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>205,000</u> (# OF RECORDS) ANTICIPATED GROWTH <u>25%</u> (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>10,000</u>
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WITHIN SYSTEM <u>Program Oriented Data System (FDA)</u> <u>Tri-Service Local Purchase System (DOD)</u> <u>Air Force Medical Excess System (DOD)</u>	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>			
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC </p>			
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>			
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 10%; text-align: center; vertical-align: top;"> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 60%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input checked="" type="checkbox"/> OTHER</p> <p style="text-align: center;">Biologics</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input checked="" type="checkbox"/> OTHER</p> <p style="text-align: center;">Biologics</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input checked="" type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input checked="" type="checkbox"/> OTHER</p> <p style="text-align: center;">Biologics</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>			

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Drug Research and Development
 IDENTIFICATION: Chemical Information System CONTACT: S. Richman PHONE (301) 427-7350
 NAME: DR&D/CIS AGENCY NCI/NIH/HEW
 STREET ADDRESS 8300 Coleaville Rd. CITY Silver Spring STATE MD ZIP 20910

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input checked="" type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input checked="" type="checkbox"/> PROPRIETARY <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The DR&D Chemical Information System supports acquisition, storage and distribution, and screening activities by: (1) identifying which potential acquisitions are identical or similar to previous accessions; (2) identifying which accessions are new to the Program and which are analogs of known active compounds that require special testing; (3) producing a wide variety of action and informational documents and computer-processable outputs for use by DR&DP staff, screeners, and contractors engaged in the acquisition, data processing, and storage and distribution activities; (4) maintaining inventory control; (5) tracking the movement of the sample from its receipt from the supplier through the shipment to the screener and the return of the excess quantity; and (6) providing an immediate answer to a query of the file regarding NCI acquisition of a specific compound, analogs of a compound of interest, or non-structural information required for management or research purposes.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input checked="" type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input checked="" type="checkbox"/> ON-LINE <input checked="" type="checkbox"/> DAILY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input checked="" type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1969</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>293,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>15,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>278,000</u>
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WITHIN SYSTEM	SYSTEM INTERACTIONS:	OUTSIDE SYSTEM PARTICIPANT

I. SUBSTANCE IDENTIFICATION <input checked="" type="checkbox"/> MOLECULAR FORMULA <input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER <input type="checkbox"/> CAS NAME <input checked="" type="checkbox"/> IUPAC <input checked="" type="checkbox"/> SYNONYMS <input type="checkbox"/> WISWESSER LINE NOTATION <input checked="" type="checkbox"/> CHEMICAL STRUCTURE <input type="checkbox"/> CHEMICAL PROPERTIES <input checked="" type="checkbox"/> PHYSICAL PROPERTIES <input type="checkbox"/> COMPOSITION <input checked="" type="checkbox"/> OTHER <u>NSC number</u> <u>WHO code</u>	V. EPIDEMIOLOGY DATA <input type="checkbox"/> EPIDEMIOLOGY – GENERAL <input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL
II. PRODUCTION ASPECTS <input type="checkbox"/> PRODUCTION QUANTITY <input type="checkbox"/> PLANT LOCATION <input type="checkbox"/> PRODUCTION PROCESS <input type="checkbox"/> BYPRODUCTS, IMPURITIES <input type="checkbox"/> CONTROL TECHNOLOGY	VI. BIOLOGICAL EFFECTS <input type="checkbox"/> BIOCHEMICAL STUDIES <input type="checkbox"/> CLINICAL STUDIES <input type="checkbox"/> TOXICOLOGICAL STUDIES <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC
III. MARKETING <input type="checkbox"/> USERS <input type="checkbox"/> USERS (WITH AMOUNTS) <input type="checkbox"/> USES <input type="checkbox"/> USES (WITH AMOUNTS) <input type="checkbox"/> PLACE OF USE <input type="checkbox"/> SUBSTITUTES <input type="checkbox"/> ECONOMIC INFORMATION	VII. ENVIRONMENTAL EFFECTS <input type="checkbox"/> DEGRADATION PRODUCTS <input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE <input type="checkbox"/> ECOLOGICAL EFFECTS <input type="checkbox"/> WEATHER MODIFICATION <input type="checkbox"/> MATERIALS <input type="checkbox"/> BIOACCUMULATION
IV. EXPOSURE <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> OCCUPATIONAL <input type="checkbox"/> WORK FORCE <input type="checkbox"/> OCCUPATIONAL GROUP <input type="checkbox"/> AIR-EMISSIONS <input type="checkbox"/> AIR-WORKPLACE <input type="checkbox"/> WATER </div> <div style="width: 50%;"> ENVIRONMENTAL <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> AIR WATER SOIL PLANTS WILDLIFE CONSUMER </div> <div style="width: 55%;"> <input type="checkbox"/> QUALITY <input type="checkbox"/> EMISSIONS <input type="checkbox"/> SURFACE <input type="checkbox"/> GROUND <input type="checkbox"/> MARINE OR ESTUARINE <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> FOOD <input type="checkbox"/> DRUGS <input type="checkbox"/> COSMETICS <input type="checkbox"/> PESTICIDES <input type="checkbox"/> CONSUMER PRODUCTS <input type="checkbox"/> OTHER </div> </div> </div> </div>	VIII. STANDARDS AND REGULATIONS <input type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> LOCAL <input type="checkbox"/> INTERNATIONAL
	IX. MANAGERIAL/ADMINISTRATIVE <input type="checkbox"/> PROGRAM MANAGEMENT <input type="checkbox"/> FISCAL <input type="checkbox"/> PERSONNEL <input type="checkbox"/> FACILITY <input type="checkbox"/> OTHER

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Dun's Market Identifiers CONTACT: W. Follin PHONE: (703) 528-0220
 NAME: DMI AGENCY: Dun and Bradstreet
 STREET ADDRESS: 1600 Wilson Boulevard CITY: Arlington STATE: Va. ZIP: 22209

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: Dun's Market Identifiers (DMI) is a unique information service that provides twenty-five (25) key economic and business facts about 3,800,000 United States business establishments. Since DMI is a computer based service it allows you selection possibilities in all major industries including mining, forestry, and fisheries, construction, manufacturing, transportation, public utilities, wholesale, retail, finance, insurance, real estate and services.
Literally, a continuous business survey, DMI facts are collected, validated and updated by a full-time field force of 2,000 people. Data are entered via terminal at the local office level to a national processing center in order to furnish the most current information to users. Information includes employee number, sales volume, SIC classification, and economic data.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input checked="" type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>as needed</u> CHRONOLOGICAL COVERAGE: <u>present year or historical</u> <u>to</u>	SIZE OF TOTAL DATA BASE: <u>3,800,000 businesses</u> (205,856,089) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:

WITHIN SYSTEM

OUTSIDE SYSTEM PARTICIPANT

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>SIC code or</u> <u>Company name</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>			
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>			
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>			
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 30%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 40%; vertical-align: top;"> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>			

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Environmental Contaminant CONTACT: C. R. Walker PHONE(202) 343-4670
 NAME: Monitoring Program AGENCY: FWS/DOI
 STREET ADDRESS 1th and C St., N.W. CITY Washington STATE D.C. ZIP 20240

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: This data base (not a retrieval system) includes monitoring information on pesticides and toxic substance residues in whole fish, 13 composite samples of 3 species from each of the 100 monitoring stations from 1969-1974 and for 50 stations from 1967-1969 and from 1975 to the present; starling samples from 5° longitude and 5° latitude blocks in the lower 48 states every even year for pesticides and odd years for heavy metals from 1967 to the present; and mallard or black duck wing samples randomly pooled from each state and statistically analyzed by fly way every three years from 1966 to the present. Approximately 20 pesticides, organic compounds, and heavy metals are included in the chemical analyses. EPA has a proposed National Monitoring Plan and System that is to include this data. The data is also in the process of being put into STORET and BIO-STORET.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1966</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>900</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>20</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>STORET</u> <u>BIO-STORET</u> _____ _____

I. SUBSTANCE IDENTIFICATION <input type="checkbox"/> MOLECULAR FORMULA <input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER <input type="checkbox"/> CAS NAME <input type="checkbox"/> IUPAC <input checked="" type="checkbox"/> SYNONYMS <input type="checkbox"/> WISWESSER LINE NOTATION <input type="checkbox"/> CHEMICAL STRUCTURE <input type="checkbox"/> CHEMICAL PROPERTIES <input type="checkbox"/> PHYSICAL PROPERTIES <input type="checkbox"/> COMPOSITION <input type="checkbox"/> OTHER _____ 	V. EPIDEMIOLOGY DATA <input type="checkbox"/> EPIDEMIOLOGY – GENERAL <input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL		
II. PRODUCTION ASPECTS <input type="checkbox"/> PRODUCTION QUANTITY <input type="checkbox"/> PLANT LOCATION <input type="checkbox"/> PRODUCTION PROCESS <input type="checkbox"/> BYPRODUCTS, IMPURITIES <input type="checkbox"/> CONTROL TECHNOLOGY	VI. BIOLOGICAL EFFECTS <input type="checkbox"/> BIOCHEMICAL STUDIES <input type="checkbox"/> CLINICAL STUDIES <input type="checkbox"/> TOXICOLOGICAL STUDIES <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC		
III. MARKETING <input type="checkbox"/> USERS <input type="checkbox"/> USERS (WITH AMOUNTS) <input type="checkbox"/> USES <input type="checkbox"/> USES (WITH AMOUNTS) <input type="checkbox"/> PLACE OF USE <input type="checkbox"/> SUBSTITUTES <input type="checkbox"/> ECONOMIC INFORMATION	VII. ENVIRONMENTAL EFFECTS <input checked="" type="checkbox"/> DEGRADATION PRODUCTS <input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE <input type="checkbox"/> ECOLOGICAL EFFECTS <input type="checkbox"/> WEATHER MODIFICATION <input type="checkbox"/> MATERIALS <input type="checkbox"/> BIOACCUMULATION		
IV. EXPOSURE <table border="0"> <tr> <td> OCCUPATIONAL <input type="checkbox"/> WORK FORCE <input type="checkbox"/> OCCUPATIONAL GROUP <input type="checkbox"/> AIR-EMISSIONS <input type="checkbox"/> AIR-WORKPLACE <input type="checkbox"/> WATER </td> <td> ENVIRONMENTAL AIR <input type="checkbox"/> QUALITY <input type="checkbox"/> EMISSIONS WATER <input type="checkbox"/> SURFACE <input type="checkbox"/> GROUND <input type="checkbox"/> MARINE OR ESTUARINE <input type="checkbox"/> DRINKING WATER SOIL <input type="checkbox"/> PLANTS <input type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CONSUMER <input type="checkbox"/> FOOD <input type="checkbox"/> DRUGS <input type="checkbox"/> COSMETICS <input type="checkbox"/> PESTICIDES <input type="checkbox"/> CONSUMER PRODUCTS <input type="checkbox"/> OTHER </td> </tr> </table>	OCCUPATIONAL <input type="checkbox"/> WORK FORCE <input type="checkbox"/> OCCUPATIONAL GROUP <input type="checkbox"/> AIR-EMISSIONS <input type="checkbox"/> AIR-WORKPLACE <input type="checkbox"/> WATER	ENVIRONMENTAL AIR <input type="checkbox"/> QUALITY <input type="checkbox"/> EMISSIONS WATER <input type="checkbox"/> SURFACE <input type="checkbox"/> GROUND <input type="checkbox"/> MARINE OR ESTUARINE <input type="checkbox"/> DRINKING WATER SOIL <input type="checkbox"/> PLANTS <input type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CONSUMER <input type="checkbox"/> FOOD <input type="checkbox"/> DRUGS <input type="checkbox"/> COSMETICS <input type="checkbox"/> PESTICIDES <input type="checkbox"/> CONSUMER PRODUCTS <input type="checkbox"/> OTHER	VIII. STANDARDS AND REGULATIONS <input type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> LOCAL <input type="checkbox"/> INTERNATIONAL
OCCUPATIONAL <input type="checkbox"/> WORK FORCE <input type="checkbox"/> OCCUPATIONAL GROUP <input type="checkbox"/> AIR-EMISSIONS <input type="checkbox"/> AIR-WORKPLACE <input type="checkbox"/> WATER	ENVIRONMENTAL AIR <input type="checkbox"/> QUALITY <input type="checkbox"/> EMISSIONS WATER <input type="checkbox"/> SURFACE <input type="checkbox"/> GROUND <input type="checkbox"/> MARINE OR ESTUARINE <input type="checkbox"/> DRINKING WATER SOIL <input type="checkbox"/> PLANTS <input type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CONSUMER <input type="checkbox"/> FOOD <input type="checkbox"/> DRUGS <input type="checkbox"/> COSMETICS <input type="checkbox"/> PESTICIDES <input type="checkbox"/> CONSUMER PRODUCTS <input type="checkbox"/> OTHER		
	IX. MANAGERIAL/ADMINISTRATIVE <input type="checkbox"/> PROGRAM MANAGEMENT <input type="checkbox"/> FISCAL <input type="checkbox"/> PERSONNEL <input type="checkbox"/> FACILITY <input type="checkbox"/> OTHER		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Environmental Mutagen Information CONTACT: Mr. John Wassom PHONE (615) 483-8611
Center NAME: EMIC AGENCY: NIEHS/NIH/HEW x35473
 STREET ADDRESS P.O. Box Y CITY: Oak Ridge STATE TN ZIP 37830

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The EMIC was organized at the Oak Ridge National Laboratory in 1969.
EMIC's mission is to collect, organize and disseminate chemical mutagenesis information.
Information contained in this file is either pertinent to the testing of chemicals in one of
many available mutagenic assay systems or contains data useful for understanding known or sus-
pected mutagenic activity of environmental chem. agents. Information collected for this data
base is processed and disseminated to the scientific community. Citation File currently contains
18,500 entries for articles published primarily since 1969 in about 1700 publication sources.
Information file contains bibliographic details and keywording of chemical organisms and
systems studied. To make information easily available, bibliographies with permuted title and
author indices are printed & distributed to individuals active in mutagenesis research. When
specific questions arise in scientific community or among health officials, special literature
compilations are selected and printed.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1968</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>18,500</u> (#OF RECORDS) ANTICIPATED GROWTH <u>1,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>7,500</u>
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WITHIN SYSTEM 	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT <u>TOXLINE, RECON.</u>
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input checked="" type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>keywords</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY</p> <p><input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY</p> <p><input checked="" type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR <input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td>WATER <input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL <input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS <input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE <input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER <input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	WATER <input type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		SOIL <input type="checkbox"/>		PLANTS <input type="checkbox"/>		WILDLIFE <input type="checkbox"/>		CONSUMER <input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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	<input type="checkbox"/> OTHER																																
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Environmental Reports Summaries CONTACT: Les Needle PHONE (301) 881-4451
 NAME: Office of International Activities AGENCY EPA
 STREET ADDRESS W 802, Waterside Mall CITY Washington STATE D.C. ZIP _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE (some) PROPRIETARY <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input checked="" type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: Since 1972 the U.S. Environmental Protection Agency has been collecting foreign environmental publications under a series of exchanges with national and international organizations. English language summaries of these and other documents relating to foreign environmental developments appear in the monthly publication "Summaries of Foreign Government Environmental Reports." The present report contains a selection of summaries which have appeared in the monthly publication to date.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1972</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>5,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>1500</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>60 countries</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>NTIS</u> _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>country</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
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OCCUPATIONAL	ENVIRONMENTAL																																												
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Environmental Teratology
Information Center CONTACT: Florence Jordan PHONE (919) 549-8411
 NAME: ETIC AGENCY NIEHS/NIH/HEW
 STREET ADDRESS P. O. Box 12233 CITY Research Triangle Park STATE NC ZIP 27709

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The system references studies conducted on warm blooded animals to
determine the teratogenic potential of environmental factors. Both positive and negative
study results are included. ETIC has extracted and entered on tape the ETIC access number,
agents tested, Chemical Abstract Service Registry number, Wiswesser Line Notation, test animal,
name of investigator and bibliographic information. This information is expected to be on-line
sometime in early 1977. Plans are currently underway to develop more detailed extracts of re-
search data contained in these studies and this information will also be on-line.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1976</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>7,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>200</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>2,500</u>
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SYSTEM INTERACTIONS: WITHIN SYSTEM 	OUTSIDE SYSTEM PARTICIPANT <u>EMIC</u>
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Exposure Dictionary for the
 IDENTIFICATION: National Occupational Hazards CONTACT: Jeffrey Jaeger PHONE (301) 443-4364
EDNOHS Survey AGENCY NIOSH/CDC/HEW
 NAME: _____
 STREET ADDRESS 4676 Columbia Parkway CITY Cincinnati STATE Ohio ZIP 45226

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Exposure Dictionary for the National Occupational Hazard Survey is
a hierarchical indented Thesaurus developed for use with the Trade Name Ingredient Clarification
Project of the National Occupational Hazard Survey (NOHS). It contains 12,000 postable chemical
names with their associated synonyms, broader terms, narrower terms and related terms. The
postable chemical names have a code number attached which relates the chemicals to the NOHS data.
The thesaurus was developed to standardize the nomenclature of the NOHS data and to relate
synonyms so that accurate counts of the number of people exposed to specific chemicals could be
produced. EDNOHS was developed specifically for the NOHS but can be used by anyone to determine
chemical relationships.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>May be updated in future</u> CHRONOLOGICAL COVERAGE: <u>1972</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: _____ (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>12,000</u>
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WITHIN SYSTEM <u>National Occupational Hazards Survey (NIOSH)</u> <u>Trade Name Ingredient Clarification (NIOSH)</u>	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC </p>		
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 70%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Federal Inventory of Environment
and Safety Research

IDENTIFICATION: and Safety Research CONTACT: Carole Shriner PHONE (415) 433-8611

NAME: _____ AGENCY ERDA

STREET ADDRESS ORNL CITY Oak Ridge STATE TN ZIP 32830

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input checked="" type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input checked="" type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: All research projects funded by fourteen Federal Agencies relating to
Environmental and Safety are described in this data base. Included are title, principle
researcher, agency, funding (for last 3 years), address, duration of project, technology,
energy cycle, pollutants, research areas, keywords and an abstract of the project.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input checked="" type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1975</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>2466</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:

WITHIN SYSTEM

OUTSIDE SYSTEM PARTICIPANT

SSIE

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>project title, number, agency,</u> <u>investigator</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY</p> <p><input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY</p> <p><input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>																																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> WEATHER MODIFICATION</p> <p><input checked="" type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																																
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">OCCUPATIONAL</td> <td style="width: 30%;">ENVIRONMENTAL</td> <td style="width: 40%;"></td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> <td><input checked="" type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td></td> <td><input checked="" type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td>WATER</td> <td><input checked="" type="checkbox"/> SURFACE</td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-WORKPLACE</td> <td></td> <td><input checked="" type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td></td> <td><input checked="" type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL		<input type="checkbox"/> WORK FORCE	AIR	<input checked="" type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP		<input checked="" type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	WATER	<input checked="" type="checkbox"/> SURFACE	<input checked="" type="checkbox"/> AIR-WORKPLACE		<input checked="" type="checkbox"/> GROUND	<input type="checkbox"/> WATER		<input checked="" type="checkbox"/> MARINE OR ESTUARINE			<input checked="" type="checkbox"/> DRINKING WATER		SOIL	<input checked="" type="checkbox"/>		PLANTS	<input checked="" type="checkbox"/>		WILDLIFE	<input checked="" type="checkbox"/>		CONSUMER	<input type="checkbox"/> FOOD			<input type="checkbox"/> DRUGS			<input type="checkbox"/> COSMETICS			<input type="checkbox"/> PESTICIDES			<input type="checkbox"/> CONSUMER PRODUCTS			<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																																
<input type="checkbox"/> WORK FORCE	AIR	<input checked="" type="checkbox"/> QUALITY																																															
<input type="checkbox"/> OCCUPATIONAL GROUP		<input checked="" type="checkbox"/> EMISSIONS																																															
<input type="checkbox"/> AIR-EMISSIONS	WATER	<input checked="" type="checkbox"/> SURFACE																																															
<input checked="" type="checkbox"/> AIR-WORKPLACE		<input checked="" type="checkbox"/> GROUND																																															
<input type="checkbox"/> WATER		<input checked="" type="checkbox"/> MARINE OR ESTUARINE																																															
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		<input type="checkbox"/> PESTICIDES																																															
		<input type="checkbox"/> CONSUMER PRODUCTS																																															
		<input type="checkbox"/> OTHER																																															
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input checked="" type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input checked="" type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Fish Control Lab
Data Base Information CONTACT: Fred Meyer PHONE 364-4235
 NAME: _____ AGENCY Fish and Wildlife Service/DOI
 STREET ADDRESS P. O. Box 862 CITY LaCrosse STATE Wisconsin ZIP 54601

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input checked="" type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: This is a data base on acute effects of 1500 compounds on about 8 species;
25 to 50 compounds have extensive information on 8 species under various water quality conditions
of temperature, pH, calcium (hardness); 25 chemicals deal with chronic tests of time independent
exposures at standard water quality conditions, and 8 to 50 species of fish and aquatic
organisms. This data base also contains the former chemical warfare screening program records
on toxicity of 3,000 compounds to 3 species of fish conducted by the U.S. Fish and Wildlife
Service prior to 1960.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input checked="" type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1960</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>12,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>50</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>1553</u>
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SYSTEM INTERACTIONS:

WITHIN SYSTEM
 N/A

OUTSIDE SYSTEM PARTICIPANT
 N/A

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>Chemical Company code number</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"><input type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p style="margin-left: 20px;"><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p style="margin-left: 20px;"><input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>		
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 50%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Fish-Pesticide Research CONTACT: David L. Stalling PHONE (314) 442-2270
 NAME: _____ AGENCY Fish & Wildlife Service, D01 Ext 310
 STREET ADDRESS Fish Pesticide Research Lab. CITY Columbus STATE MO ZIP _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This is presently a data base on about 500 organic compounds, primarily
pesticides and perhaps as many as 2000 different formulations and their toxicological effects,
residues, and metabolites on about 100+ species of fish, invertebrates, plankton and
microorganisms.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1960</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>500</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>500</u>
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SYSTEM INTERACTIONS:

WITHIN SYSTEM
N/A

OUTSIDE SYSTEM PARTICIPANT
N/A

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td>WATER</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input checked="" type="checkbox"/> SURFACE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	WATER	<input type="checkbox"/> WATER	<input checked="" type="checkbox"/> SURFACE		<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input checked="" type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input checked="" type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																												
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Health Hazards Evaluations CONTACT: James Martin PHONE (301) 443-4364
 NAME: NIOSH/CDC AGENCY NIOSH/CDC/HEW
 STREET ADDRESS 4676 Columbia Parkway CITY Cincinnati STATE Ohio ZIP 45226

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: Under Section 20(a)(6) of the Act, the Institute is required to determine whether a substance normally found in the workplace has potentially toxic effects in such concentrations as are used or found. This hazard evaluation effort is conducted in response to a request from any employer or authorized representative of employees in an establishment covered by the Act. The results described are not only important to the worker directly involved, but they also provide a basis for identifying problems associated with new substances being introduced to the workplace and for updating existing standards. The results of all studies are transmitted to OSHA for appropriate action.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1970</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>500</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u>	OUTSIDE SYSTEM PARTICIPANT <u>NIOSH/CDC</u> <u>NTIS</u>

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER Workplace _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																										
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	<input type="checkbox"/> DRUGS																																										
	<input type="checkbox"/> COSMETICS																																										
	<input type="checkbox"/> PESTICIDES																																										
	<input type="checkbox"/> CONSUMER PRODUCTS																																										
	<input type="checkbox"/> OTHER																																										
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																										

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Index Chemicals Registry System CONTACT: George Vladutz PHONE (215)923-3300
 NAME: ICRS AGENCY ISI
 STREET ADDRESS 325 Chestnut Street CITY Philadelphia STATE PA ZIP

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY <input checked="" type="checkbox"/> <u>Reference</u>	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER <u></u>
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SYSTEM CHARACTERIZATION: ICRS contains Wiswesser Line Notation and bibliographic data on
approximately 2 million compounds. Computerized searches using the WLN may be directed to identi-
fication of either an individual compound or a group of compounds.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) <u></u> CHRONOLOGICAL COVERAGE: <u>1966</u> to <u>1976</u>	SIZE OF TOTAL DATA BASE: <u>2,000,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u></u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>2,000,000</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM	OUTSIDE SYSTEM PARTICIPANT
<u></u>	<u></u>
<u></u>	<u></u>
<u></u>	<u></u>

I. SUBSTANCE IDENTIFICATION <input type="checkbox"/> MOLECULAR FORMULA <input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER <input type="checkbox"/> CAS NAME <input type="checkbox"/> IUPAC <input checked="" type="checkbox"/> SYNONYMS <input checked="" type="checkbox"/> WISWESSER LINE NOTATION <input type="checkbox"/> CHEMICAL STRUCTURE <input checked="" type="checkbox"/> CHEMICAL PROPERTIES <input checked="" type="checkbox"/> PHYSICAL PROPERTIES <input type="checkbox"/> COMPOSITION <input type="checkbox"/> OTHER _____ 	V. EPIDEMIOLOGY DATA <input type="checkbox"/> EPIDEMIOLOGY – GENERAL <input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL
II. PRODUCTION ASPECTS <input type="checkbox"/> PRODUCTION QUANTITY <input type="checkbox"/> PLANT LOCATION <input type="checkbox"/> PRODUCTION PROCESS <input type="checkbox"/> BYPRODUCTS, IMPURITIES <input type="checkbox"/> CONTROL TECHNOLOGY	VI. BIOLOGICAL EFFECTS <input type="checkbox"/> BIOCHEMICAL STUDIES <input type="checkbox"/> CLINICAL STUDIES <input type="checkbox"/> TOXICOLOGICAL STUDIES <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC
III. MARKETING <input type="checkbox"/> USERS <input type="checkbox"/> USERS (WITH AMOUNTS) <input type="checkbox"/> USES <input type="checkbox"/> USES (WITH AMOUNTS) <input type="checkbox"/> PLACE OF USE <input type="checkbox"/> SUBSTITUTES <input type="checkbox"/> ECONOMIC INFORMATION	VII. ENVIRONMENTAL EFFECTS <input type="checkbox"/> DEGRADATION PRODUCTS <input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE <input type="checkbox"/> ECOLOGICAL EFFECTS <input type="checkbox"/> WEATHER MODIFICATION <input type="checkbox"/> MATERIALS <input type="checkbox"/> BIOACCUMULATION
IV. EXPOSURE OCCUPATIONAL <input type="checkbox"/> WORK FORCE <input type="checkbox"/> OCCUPATIONAL GROUP <input type="checkbox"/> AIR-EMISSIONS <input type="checkbox"/> AIR-WORKPLACE <input type="checkbox"/> WATER ENVIRONMENTAL AIR <input type="checkbox"/> QUALITY <input type="checkbox"/> EMISSIONS WATER <input type="checkbox"/> SURFACE <input type="checkbox"/> GROUND <input type="checkbox"/> MARINE OR ESTUARINE <input type="checkbox"/> DRINKING WATER SOIL <input type="checkbox"/> PLANTS <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CONSUMER <input type="checkbox"/> FOOD <input type="checkbox"/> DRUGS <input type="checkbox"/> COSMETICS <input type="checkbox"/> PESTICIDES <input type="checkbox"/> CONSUMER PRODUCTS <input type="checkbox"/> OTHER	VIII. STANDARDS AND REGULATIONS <input type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> LOCAL <input type="checkbox"/> INTERNATIONAL
	IX. MANAGERIAL/ADMINISTRATIVE <input type="checkbox"/> PROGRAM MANAGEMENT <input type="checkbox"/> FISCAL <input type="checkbox"/> PERSONNEL <input type="checkbox"/> FACILITY <input type="checkbox"/> OTHER

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Industrywide Studies CONTACT: James Martin PHONE (301) 443-4364

NAME: _____ AGENCY HEW/CDC/NIOSH

STREET ADDRESS 4676 Columbia Parkway CITY Cincinnati STATE Ohio ZIP 45226

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: Section 20(a)(7) of the Occupational Safety and Health Act directs the Secretary of HEW to conduct industrywide studies. Accordingly, NIOSH has a continuing program of industrywide studies. These studies determine the health experience of current or former workers; evaluate the occupational environment in terms of stressful agents present, degree of exposure, sources of contaminants, and controls presently employed; devise medical examination procedures that will detect the effects in employees of acute or chronic exposures to harmful agents and design sampling methods and environmental survey strategies that will characterize the environment as it relates to the health of individuals.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1970</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>100 studies</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u>	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u>
_____	_____
_____	_____
_____	_____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>Industry</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input checked="" type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input checked="" type="checkbox"/> USERS</p> <p><input checked="" type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input checked="" type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input checked="" type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input checked="" type="checkbox"/> WORK FORCE	AIR	<input checked="" type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> SURFACE	<input type="checkbox"/> WATER	<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/>		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Information Bulletin of the Survey

IDENTIFICATION: of Chemicals Being Tested for CONTACT: WHO PHONE _____
 NAME: Carcinogenicity AGENCY International Agency for Research on
Cancer (IARC)
 STREET ADDRESS _____ CITY Lyon STATE France ZIP _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This bulletin is an effort to coordinate the testing of chemicals for
carcinogenicity by conducting a world-wide survey of laboratories in which carcinogenicity tests
are carried out. Of 470 institutes queried, 125 replies were received, and the data indicated
that 38 laboratories were actively involved in testing a total of 176 compounds for carcinogenicity.
Information given in the Bulletin includes compound (and synonym), animal species and strain,
route of administration, stage of experiment (e.g., in progress), investigator's name, and
address of the institute.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input checked="" type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>Spring 1973</u> to <u>June 1973</u>	SIZE OF TOTAL DATA BASE: <u>176</u> (# OF RECORDS) ANTICIPATED GROWTH ____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>176</u>
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WITHIN SYSTEM <u>N/A</u>	SYSTEM INTERACTIONS: <div> <div>OUTSIDE SYSTEM PARTICIPANT</div> <div></div> </div>
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																														
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																														
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																														
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td>WATER</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	WATER	<input type="checkbox"/> WATER	<input type="checkbox"/> SURFACE		<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/>		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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	<input type="checkbox"/> PESTICIDES																																														
	<input type="checkbox"/> CONSUMER PRODUCTS																																														
	<input type="checkbox"/> OTHER																																														
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																														

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Information Storage and Referral Section CONTACT: B. J. Hester PHONE: (919) 549-8411
NAME: _____ AGENCY: NIEHS/NIH/HEW Ext. 3426
STREET ADDRESS P. O. Box 12232 CITY Res. Triangle Pk. STATE NC ZIP 27709

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER_____
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SYSTEM CHARACTERIZATION: This is a NIEHS information system which is under development and presently serves in-house personnel only. This system stores & references publications of in-house research on chemicals and toxic effects.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) new system CHRONOLOGICAL COVERAGE: <u>1976</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: new system _____ (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:

WITHIN SYSTEM

OUTSIDE SYSTEM PARTICIPANT

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY</p> <p><input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>																																																																
<p>III. MARKETING</p> <p><input checked="" type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																																																
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td colspan="2">OCCUPATIONAL</td><td colspan="2">ENVIRONMENTAL</td></tr> <tr> <td><input type="checkbox"/> WORK FORCE</td><td>AIR</td><td><input type="checkbox"/> QUALITY</td><td></td></tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td><td></td><td><input type="checkbox"/> EMISSIONS</td><td></td></tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td><td>WATER</td><td><input type="checkbox"/> SURFACE</td><td></td></tr> <tr> <td><input checked="" type="checkbox"/> AIR-WORKPLACE</td><td></td><td><input type="checkbox"/> GROUND</td><td></td></tr> <tr> <td><input type="checkbox"/> WATER</td><td></td><td><input type="checkbox"/> MARINE OR ESTUARINE</td><td></td></tr> <tr> <td></td><td></td><td><input type="checkbox"/> DRINKING WATER</td><td></td></tr> <tr> <td></td><td>SOIL</td><td><input type="checkbox"/></td><td></td></tr> <tr> <td></td><td>PLANTS</td><td><input type="checkbox"/></td><td></td></tr> <tr> <td></td><td>WILDLIFE</td><td><input type="checkbox"/></td><td></td></tr> <tr> <td></td><td>CONSUMER</td><td><input checked="" type="checkbox"/> FOOD</td><td></td></tr> <tr> <td></td><td></td><td><input checked="" type="checkbox"/> DRUGS</td><td></td></tr> <tr> <td></td><td></td><td><input checked="" type="checkbox"/> COSMETICS</td><td></td></tr> <tr> <td></td><td></td><td><input checked="" type="checkbox"/> PESTICIDES</td><td></td></tr> <tr> <td></td><td></td><td><input type="checkbox"/> CONSUMER PRODUCTS</td><td></td></tr> <tr> <td></td><td></td><td><input type="checkbox"/> OTHER</td><td></td></tr> </table>	OCCUPATIONAL		ENVIRONMENTAL		<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> QUALITY		<input type="checkbox"/> OCCUPATIONAL GROUP		<input type="checkbox"/> EMISSIONS		<input type="checkbox"/> AIR-EMISSIONS	WATER	<input type="checkbox"/> SURFACE		<input checked="" type="checkbox"/> AIR-WORKPLACE		<input type="checkbox"/> GROUND		<input type="checkbox"/> WATER		<input type="checkbox"/> MARINE OR ESTUARINE				<input type="checkbox"/> DRINKING WATER			SOIL	<input type="checkbox"/>			PLANTS	<input type="checkbox"/>			WILDLIFE	<input type="checkbox"/>			CONSUMER	<input checked="" type="checkbox"/> FOOD				<input checked="" type="checkbox"/> DRUGS				<input checked="" type="checkbox"/> COSMETICS				<input checked="" type="checkbox"/> PESTICIDES				<input type="checkbox"/> CONSUMER PRODUCTS				<input type="checkbox"/> OTHER		<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL		ENVIRONMENTAL																																																															
<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> QUALITY																																																															
<input type="checkbox"/> OCCUPATIONAL GROUP		<input type="checkbox"/> EMISSIONS																																																															
<input type="checkbox"/> AIR-EMISSIONS	WATER	<input type="checkbox"/> SURFACE																																																															
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		<input type="checkbox"/> CONSUMER PRODUCTS																																																															
		<input type="checkbox"/> OTHER																																																															
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Inorganic Chemical Computer Toxicology

IDENTIFICATION: Parameter Data Base CONTACT: Chuck Sawyer PHONE (513) 782-4500

NAME: _____ AGENCY Pedco Corp.

STREET ADDRESS 11499 Chester Rd., Chester Towers CITY Cincinnati STATE Ohio ZIP 45246

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This data system, currently under development for OR&D of EPA, contains comprehensive data on 172 industrial inorganic chemicals. The information includes:

production processes, reactants and by-products, additions, rates and types of emissions
where available, complete toxicology data including LD₅₀'s, environmental effects, and a
general description of the chemical. This system is designed to complement the data base of
Organic Chemicals That Impact Man designed for the same EPA office by RADIANT.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>as available</u> CHRONOLOGICAL COVERAGE: <u>new system</u> to _____	SIZE OF TOTAL DATA BASE: _____ (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>172</u>
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SYSTEM INTERACTIONS:

WITHIN SYSTEM

OUTSIDE SYSTEM PARTICIPANT

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: International Cancer Epidemiology Clearinghouse CONTACT: _____ PHONE _____
 NAME: _____ AGENCY: ICRDB/NCI/NTH/HEW
 STREET ADDRESS _____ CITY: Bethesda STATE: MD ZIP: 20014

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The International Cancer Epidemiology Clearinghouse is a cooperative ongoing project supported jointly by the ICRDB Program, the International Agency for Research on Cancer (IARC) in Lyon, France, and the Center for Cancer Research in Heidelberg, Germany. This Clearinghouse is gathering, processing, and disseminating detailed data on research related to cancer epidemiology and related studies of human cancer causation in countries around the world.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>		
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 50%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: IPC Chemical Data Base CONTACT: Dr. E. Muller, R & D Director PHONE: _____
 NAME: _____ AGENCY: _____
IPC Industrial Press, Ltd.
 STREET ADDRESS: Dorset House, Stamford Street CITY: London SE 1 9 L U STATE: ENGLAND ZIP: _____

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This system includes detailed production and marketing information on 100
chemicals. This includes market statistics and capacities. The data is international in scope.
It is possible to add confidential data under a private access code.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input checked="" type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>100</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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WITHIN SYSTEM <u>N/A</u>	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT <u>N/A</u>
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input checked="" type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p> <p><input checked="" type="checkbox"/> Manufacturer <input checked="" type="checkbox"/> Imports/exports</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> SURFACE	<input type="checkbox"/> WATER	<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/>		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Kirk-Othmer Encyclopedia of
 IDENTIFICATION: Chemical Technology CONTACT: _____ PHONE: (212) 867-9800
 NAME: H.F. Mark, J.J. McKetta, Jr., and D.F. Othmer, eds. AGENCY: Interscience Publishers
 STREET ADDRESS _____ CITY _____ STATE _____ ZIP _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Kirk-Othmer Encyclopedia of Chemical Technology consists of 24
volumes covering approximately 12,500 compounds. The volumes are arranged alphabetically by
broad subjects (or groups of chemicals) with many cross references, and cover virtually every
aspect of industrial chemistry and technology. The articles are written and signed by
specialists in the field and include bibliographies. Publication dates for the 2nd edition
range from 1963 for Volumes 1 and 2 to 1970 for Volumes 20 to 22. The encyclopedia is currently
in the process of being updated, with 1978 forecast as the publication date for Volumes 1 and 2.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>See above</u> CHRONOLOGICAL COVERAGE: <u>1963</u> to <u>1970</u>	SIZE OF TOTAL DATA BASE: _____(# OF RECORDS) ANTICIPATED GROWTH _____(# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>Approx. 12,500</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u>	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u>

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input checked="" type="checkbox"/> PRODUCTION PROCESS</p> <p><input checked="" type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input checked="" type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input checked="" type="checkbox"/> USERS</p> <p><input checked="" type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input checked="" type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input checked="" type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																
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EXISTING SOURCES OF TO IC SUBSTANCES INFORMATION

IDENTIFICATION: Laboratory Animal Data Base CONTACT: Dr. George Cosmides PHONE _____
 NAME: LADB AGENCY NLM/NIH/HEW
 STREET ADDRESS 8600 Rockville Pike CITY Bethesda STATE Maryland ZIP 20014

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The Laboratory Animal Data Base was conceived about four years ago. It
is presently for in-house use only, but will be public by 1978. The LADB contains information
on control animals concerning species, strain, colony and observed terminal pathology collected
from numerous sources including NCI, FDA, and NCTR. The effort is supported jointly by NLM,
NCTR, NCI and the Secretary of HEW. In 5 years this system should contain about 5 billion
bits of information and constitute one of the largest data systems. The collection of this
quantity of data will greatly improve the statistical accuracy involved in interpreting
mammal testing results.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>as data acquired</u> CHRONOLOGICAL COVERAGE: _____ to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>50,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>see above</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>50,000 animals</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>CBDS, NCTR</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____

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OCCUPATIONAL	ENVIRONMENTAL																																												
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	CONSUMER																																												
	<input type="checkbox"/> FOOD																																												
	<input type="checkbox"/> DRUGS																																												
	<input type="checkbox"/> COSMETICS																																												
	<input type="checkbox"/> PESTICIDES																																												
	<input type="checkbox"/> CONSUMER PRODUCTS																																												
	<input type="checkbox"/> OTHER																																												
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Mammal Toxicity and Repellency Data Base CONTACT: C. M. Leveless PHONE (202) 343-4670
 NAME: _____ AGENCY FWS/DOI
 STREET ADDRESS Denver Wildlife Research Center CITY Denver STATE CO ZIP _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: This data base contains information on the toxicity and repellency of chemicals to mammals, with an emphasis on rodents. The data is based primarily on acute oral efficacy tests with over 5,000 compounds and also on chronic oral feeding tests.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input checked="" type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1957</u> to <u>1977</u>	SIZE OF TOTAL DATA BASE: <u>6,000 (1,000 on tapes)</u> (#OF RECORDS) ANTICIPATED GROWTH <u>50</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>6,000 (1,000 on tape)</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM	OUTSIDE SYSTEM PARTICIPANT
_____	_____
_____	_____
_____	_____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>Denver Research</u> <u>Center number</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR <input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td>WATER <input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL <input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS <input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE <input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER <input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	WATER <input type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		SOIL <input type="checkbox"/>		PLANTS <input type="checkbox"/>		WILDLIFE <input type="checkbox"/>		CONSUMER <input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																
<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY																																
<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS																																
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	<input type="checkbox"/> CONSUMER PRODUCTS																																
	<input type="checkbox"/> OTHER																																
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: The Merck Index Text Editing System CONTACT: Susan Budavari PHONE (201) 574-6487
 NAME: _____ AGENCY Merck and Company
 STREET ADDRESS Box 2000 CITY Rahway STATE NJ ZIP 07065

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This system represents The Merck Index in a computerized form. However, searching is possible only by using the Merck monograph number (sequential numbers), available from the Merck Index. The monographs represent the most important chemicals, drugs, pesticides, and biologically active substances known. The compounds are generally limited to single substances with a few natural mixtures included. The monograph information has been extracted from the published literature.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input checked="" type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input checked="" type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1973</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>9,872</u> (#OF RECORDS) ANTICIPATED GROWTH <u>1,000/index</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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WITHIN SYSTEM _____ _____ _____	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>by Merck monograph no. only</u></p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC </p>		
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 70%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR <input type="checkbox"/> QUALITY</p> <p> <input type="checkbox"/> EMISSIONS</p> <p>WATER <input type="checkbox"/> SURFACE</p> <p> <input type="checkbox"/> GROUND</p> <p> <input type="checkbox"/> MARINE OR ESTUARINE</p> <p> <input type="checkbox"/> DRINKING WATER</p> <p>SOIL <input type="checkbox"/></p> <p>PLANTS <input type="checkbox"/></p> <p>WILDLIFE <input type="checkbox"/></p> <p>CONSUMER <input type="checkbox"/> FOOD</p> <p> <input type="checkbox"/> DRUGS</p> <p> <input type="checkbox"/> COSMETICS</p> <p> <input type="checkbox"/> PESTICIDES</p> <p> <input type="checkbox"/> CONSUMER PRODUCTS</p> <p> <input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR <input type="checkbox"/> QUALITY</p> <p> <input type="checkbox"/> EMISSIONS</p> <p>WATER <input type="checkbox"/> SURFACE</p> <p> <input type="checkbox"/> GROUND</p> <p> <input type="checkbox"/> MARINE OR ESTUARINE</p> <p> <input type="checkbox"/> DRINKING WATER</p> <p>SOIL <input type="checkbox"/></p> <p>PLANTS <input type="checkbox"/></p> <p>WILDLIFE <input type="checkbox"/></p> <p>CONSUMER <input type="checkbox"/> FOOD</p> <p> <input type="checkbox"/> DRUGS</p> <p> <input type="checkbox"/> COSMETICS</p> <p> <input type="checkbox"/> PESTICIDES</p> <p> <input type="checkbox"/> CONSUMER PRODUCTS</p> <p> <input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR <input type="checkbox"/> QUALITY</p> <p> <input type="checkbox"/> EMISSIONS</p> <p>WATER <input type="checkbox"/> SURFACE</p> <p> <input type="checkbox"/> GROUND</p> <p> <input type="checkbox"/> MARINE OR ESTUARINE</p> <p> <input type="checkbox"/> DRINKING WATER</p> <p>SOIL <input type="checkbox"/></p> <p>PLANTS <input type="checkbox"/></p> <p>WILDLIFE <input type="checkbox"/></p> <p>CONSUMER <input type="checkbox"/> FOOD</p> <p> <input type="checkbox"/> DRUGS</p> <p> <input type="checkbox"/> COSMETICS</p> <p> <input type="checkbox"/> PESTICIDES</p> <p> <input type="checkbox"/> CONSUMER PRODUCTS</p> <p> <input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Meat and Poultry Inspection CONTACT: Dr. John E. Spaulding PHONE (202) 447-2807
 NAME: Monitoring Program AGENCY APHIS /USDA
 STREET ADDRESS 14th and Independence CITY Washington STATE D.C. ZIP 20250

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This system monitors meat and poultry slaughtered in federally inspected
meat and poultry plants in the United States for residues of selected pesticides, trace metals,
drugs and environmental contaminants. Animals for the program are randomly selected. Legal
authority is under Federal Meat Inspection Act (21 U.S.C. 601 (m)) and Poultry Products Act 21
U.S.C. 453 (g)

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1967</u> to <u>1977</u>	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u>	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u>

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY -- GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY -- OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																
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	<input type="checkbox"/> PESTICIDES																																
	<input type="checkbox"/> CONSUMER PRODUCTS																																
	<input type="checkbox"/> OTHER																																
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Medical Literature Analysis and
 IDENTIFICATION: Retrieval System On-Line CONTACT: Robert Remmert PHONE: (301) 496-6095
 NAME: MEDLINE AGENCY: NIH/NLM/HEN
 STREET ADDRESS: 8600 Rockville Pike CITY: Bethesda STATE: MD ZIP: 20014

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES <input checked="" type="checkbox"/> Other countries	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: MEDLINE (Medical Literature Analysis and Retrieval System on-Line) is a
data base maintained by the National Library of Medicine containing references to approximately
half a million citations from 3,000 biomedical journals. It is designed to help health
professionals find out easily and quickly what has been published recently on any specific
biomedical subject. A subsystem, SDILINE (Selective Dissemination of Information On-Line),
provides the current month's citations. Retrieval from MEDLINE or SDILINE is done by employing
the MEDLINE controlled vocabulary, MeSH.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1965</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>2.5 million</u> (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>MeSH</u> <u>SDILINE</u>	OUTSIDE SYSTEM PARTICIPANT <u>BRS</u>

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>Controlled Vocabulary</u> <u>Medical Subject Headings (MeSH)</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																		
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY</p> <p><input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>																																		
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input checked="" type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																		
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OCCUPATIONAL	ENVIRONMENTAL																																		
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	<input type="checkbox"/> OTHER																																		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Microconstituents in Fish and CONTACT: Betty Hackley PHONE (202) 624-7490
Fishery Products AGENCY NOAA/DOC
 NAME: _____
 STREET ADDRESS Regents Drive, Univ. of Md. CITY College Park STATE MD ZIP 20740

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Microconstituent Data Bank, in which the Resource Survey data are
stored, is a card-to-tape system. It was established in 1973 for the purpose of tabulating
data generated by the Resource Survey and similar studies. Twelve programs, most with several
choices of data breakdown, can be generated by the system. These programs list species by
location with details on the bioaccumulation of up to 15 trace metals and pesticides.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1974</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>40,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>0</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>19</u>
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SYSTEM INTERACTIONS:

WITHIN SYSTEM	OUTSIDE SYSTEM PARTICIPANT
N/A	N/A

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>Heavy Metals</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
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OCCUPATIONAL	ENVIRONMENTAL																																
<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY																																
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Military Entomology Information Service CONTACT: Alexander A. Hubert PHONE (202) 427-5365
 NAME: MEIS AGENCY Department of the Army
 STREET ADDRESS Forest Glen Section, WRAMC CITY Washington, STATE DC ZIP 20012

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The Military Entomology Information Service collects, screens, indexes, and abstracts articles and reports in the field of military entomology in the broadest sense. Information on chemicals is mostly restricted to pesticides and insect repellents, attractants, and hormonal growth regulators. MEIS is an activity of the Armed Forces Pest Control Board. It provides bibliographic printouts and reprints or copy service to users in the Department of Defense, other governmental agencies, government contractors, and recognized scientific bodies.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input checked="" type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1962</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>134,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>5,500</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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WITHIN SYSTEM <u>N/A</u>	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT <u>N/A</u>
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input checked="" type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input checked="" type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	<input checked="" type="checkbox"/> SURFACE	<input type="checkbox"/> WATER	<input checked="" type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input checked="" type="checkbox"/>		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input checked="" type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input checked="" type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																												
<input type="checkbox"/> WORK FORCE	AIR																																												
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	<input type="checkbox"/> CONSUMER PRODUCTS																																												
	<input type="checkbox"/> OTHER																																												
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Mineral Commodity Survey System CONTACT: Jorn R. Fagona PHONE (201) 634-1123
 NAME: _____ AGENCY Bureau of Mines/DOI
 STREET ADDRESS 2401 E Street, N. W. CITY Washington STATE DC ZIP 20241

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This is a composite of 200 commodity oriented mineral industries.
90 of these are computerized and contain information of production consumption, shipment stocks,
market value, end use and transportation of most minerals. Each logical record represents a
line of the inventory and information is retrievable by text words.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH <u>750,000</u> records _____ (#OF TERMINALS CHANGES/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>Census Files (DOC)</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY - GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY - OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input checked="" type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input checked="" type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input checked="" type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> SURFACE	<input type="checkbox"/> WATER	<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/>		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																												
<input type="checkbox"/> WORK FORCE	AIR																																												
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	<input type="checkbox"/> OTHER																																												
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: NASA Scientific and Technical Info Systems CONTACT: George P. Chandler, Jr. PHONE (202) 755-3548
 NAME: _____ AGENCY NASA
 STREET ADDRESS National Aeronautics and Space Administration CITY Washington STATE DC ZIP 20546

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The NASA Scientific and Technical Information System has the purpose of supporting the research and development efforts of NASA and of disseminating aeronautics and space information in accordance with the Space Act of 1958. Worldwide reports, journals, books, and conference papers related in the broadest sense to aeronautics and space science and technology are abstracted, indexed by a controlled vocabulary (published as the NASA Thesaurus), and bibliographic citations are entered into a computerized data base. Subject content includes NASA program-related research and development on energy, environment pollution, meteorology, oceanography, and remote satellite sensing of earth resources as well as aeronautics, astronautics, biosciences, engineering, geosciences, materials, and mathematical and computer sciences.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>1,900,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>100</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>1,000</u>
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SYSTEM INTERACTIONS:

WITHIN SYSTEM <u>Defense Documentation Center (DDC)</u> _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>Defense Documentation Center (DDC)</u> _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA _____</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER _____</p> <p><input type="checkbox"/> CAS NAME _____</p> <p><input type="checkbox"/> IUPAC _____</p> <p><input checked="" type="checkbox"/> SYNONYMS _____</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION _____</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE _____</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES _____</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES _____</p> <p><input type="checkbox"/> COMPOSITION _____</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY _____</p> <p><input type="checkbox"/> PLANT LOCATION _____</p> <p><input type="checkbox"/> PRODUCTION PROCESS _____</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES _____</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY _____</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> WEATHER MODIFICATION</p> <p><input checked="" type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td><input type="checkbox"/> AIR <input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input checked="" type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input checked="" type="checkbox"/> WATER <input checked="" type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input checked="" type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input checked="" type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER <input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	<input type="checkbox"/> AIR <input type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input checked="" type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	<input checked="" type="checkbox"/> WATER <input checked="" type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input checked="" type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input checked="" type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/> SOIL		<input type="checkbox"/> PLANTS		<input type="checkbox"/> WILDLIFE		<input type="checkbox"/> CONSUMER <input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: National Center for Health CONTACT: _____ PHONE (301) 443-1200
 NAME: NCHS Statistics AGENCY: HEW
 STREET ADDRESS: 5600 Fishers Lane CITY: Rockville STATE: MD ZIP: 20852

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: NCHS collects and disseminates data on health in the U.S. The Center
designs and maintains national data collection systems, conducts research in statistical and
survey methodology, and cooperates with other agencies in the U.S. and abroad to increase the
availability of health data. Through its surveys and inventories the Center produces data on
illness and disability and on the supply and use of health services. It publishes surveys on the
prevalence of various conditions in the U.S. population as well as mortality and birth statistics.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: _____ to <u>present</u>	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u>	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u>

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: National Center for Toxicological Research Integrated Support System CONTACT: Larry R. Lawrence PHONE (501) 541-4534
 NAME: IRSS AGENCY FDA/National Center for Toxicological Research
 STREET ADDRESS MC-23 CITY Jefferson STATE ARK ZIP 72079

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The Integrated Research Support System (IRSS) has been developed to collect and organize pertinent laboratory data of scientific merit, and to provide assistance in the daily administrative operations of the NCTR. The IRSS is composed of five essentially independent subsystems that are capable of functioning together to critically monitor an experiment's progress. Four of the subsystems contain specific animal-related data (i.e., Breeding Information System (BIS), Experimental Information System (EIS), Post-Experiment Information System (PEIS), and (Query), and the fifth contains non-animal information describing the environmental parameters of the laboratory facility (e.g., temperature, feed, water, humidity, etc) at the time of a given experiment. Three of the four animal-related subsystems (i.e., BIS, EIS, and PEIS) contain data relating to a particular experiment, while Query provides various retrieval tools by which to access those data bases.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input checked="" type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1972</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>250,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:

WITHIN SYSTEM <u>Breeding Information System (FDA)</u> <u>Post Experiment Information System (FDA)</u> <u>Experiment Information System (FDA)</u>	OUTSIDE SYSTEM PARTICIPANT <u>LADB</u> _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																																																
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: National Electronic Injury Surveillance System CONTACT: C. Michael Smith PHONE (301) 492-6590
 NAME: NEISS AGENCY CPSC
 STREET ADDRESS 5401 Westbard Avenue CITY Bethesda STATE MD ZIP 20207

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The National Electronic Injury Surveillance System (NEISS) is a national data collection system designed to determine the nature and scope of consumer product safety problems. Presently the most important epidemiologic tool in the field of product safety, NEISS gathers data from 119 statistically selected hospital emergency rooms located throughout the country. From these data statistically valid projections of product-related injuries treated in emergency rooms can be made.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input checked="" type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1972</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>1,084,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>Unknown</u>
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SYSTEM INTERACTIONS:

WITHIN SYSTEM

N/A

OUTSIDE SYSTEM PARTICIPANT

N/A

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>type of injury</u></p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td>WATER</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	WATER	<input type="checkbox"/> WATER	<input type="checkbox"/> SURFACE		<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input checked="" type="checkbox"/> FOOD		<input checked="" type="checkbox"/> DRUGS		<input checked="" type="checkbox"/> COSMETICS		<input checked="" type="checkbox"/> PESTICIDES		<input checked="" type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input checked="" type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: National Occupational Hazard Survey CONTACT: Jeffrey Jaeser PHONE (513) 684-2723
 NAME: NOHS AGENCY HEW/CDC/NIOSH
 STREET ADDRESS 4676 Columbia Parkway CITY Cincinnati STATE Ohio ZIP 45226

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The National Occupational Hazard Survey was a 2 1/2 yr. research project conducted by NIOSH to determine the chemical, physical and biological exposures to employees in U.S. workplaces. The Bureau of Labor Statistics constructed a statistical sample for NIOSH so that the result of the survey could be projected to a nationwide level. Approximately, 5000 workplaces were surveyed under authority of Sections 8, 20 (a) and 20 (b) of the Occupational Safety and Health Act of 1970.

During the NOHS, plant profile data were collected on the major projects or services, the number of employees, the existence of safety or health engineering services, the presence of medical exams, etc. Data from a walk-through of the facility was collected to show exposures by job-title to specific chemicals, trademark products, or physical agents such as noise. Control measures were also recorded. Various reports which manipulate the recorded data are available.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>when product formulations active</u> CHRONOLOGICAL COVERAGE: <u>1972</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>6,007,600</u> (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS: WITHIN SYSTEM <u>Tradename ingredient clarification/NIOSH</u> <u>Exposure dictionary for NOHS/NIOSH</u>	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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I. SUBSTANCE IDENTIFICATION <input type="checkbox"/> MOLECULAR FORMULA <input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER <input checked="" type="checkbox"/> CAS NAME <input type="checkbox"/> IUPAC <input checked="" type="checkbox"/> SYNONYMS <input type="checkbox"/> WISWESSER LINE NOTATION <input type="checkbox"/> CHEMICAL STRUCTURE <input type="checkbox"/> CHEMICAL PROPERTIES <input type="checkbox"/> PHYSICAL PROPERTIES <input checked="" type="checkbox"/> COMPOSITION <input checked="" type="checkbox"/> OTHER <u>Job title</u> <hr style="width: 100%;"/>	V. EPIDEMIOLOGY DATA <input type="checkbox"/> EPIDEMIOLOGY – GENERAL <input checked="" type="checkbox"/> EPIDEMIOLOGY -- OCCUPATIONAL
II. PRODUCTION ASPECTS <input type="checkbox"/> PRODUCTION QUANTITY <input checked="" type="checkbox"/> PLANT LOCATION <input type="checkbox"/> PRODUCTION PROCESS <input type="checkbox"/> BYPRODUCTS, IMPURITIES <input checked="" type="checkbox"/> CONTROL TECHNOLOGY	VI. BIOLOGICAL EFFECTS <input type="checkbox"/> BIOCHEMICAL STUDIES <input type="checkbox"/> CLINICAL STUDIES <input type="checkbox"/> TOXICOLOGICAL STUDIES <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC
III. MARKETING <input type="checkbox"/> USERS <input type="checkbox"/> USERS (WITH AMOUNTS) <input type="checkbox"/> USES <input type="checkbox"/> USES (WITH AMOUNTS) <input type="checkbox"/> PLACE OF USE <input type="checkbox"/> SUBSTITUTES <input type="checkbox"/> ECONOMIC INFORMATION	VII. ENVIRONMENTAL EFFECTS <input type="checkbox"/> DEGRADATION PRODUCTS <input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE <input type="checkbox"/> ECOLOGICAL EFFECTS <input type="checkbox"/> WEATHER MODIFICATION <input type="checkbox"/> MATERIALS <input type="checkbox"/> BIOACCUMULATION
IV. EXPOSURE OCCUPATIONAL <input checked="" type="checkbox"/> WORK FORCE <input type="checkbox"/> OCCUPATIONAL GROUP <input type="checkbox"/> AIR-EMISSIONS <input type="checkbox"/> AIR-WORKPLACE <input type="checkbox"/> WATER ENVIRONMENTAL AIR <input type="checkbox"/> QUALITY <input type="checkbox"/> EMISSIONS WATER <input type="checkbox"/> SURFACE <input type="checkbox"/> GROUND <input type="checkbox"/> MARINE OR ESTUARINE <input type="checkbox"/> DRINKING WATER SOIL <input type="checkbox"/> PLANTS <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CONSUMER <input type="checkbox"/> FOOD <input type="checkbox"/> DRUGS <input type="checkbox"/> COSMETICS <input type="checkbox"/> PESTICIDES <input type="checkbox"/> CONSUMER PRODUCTS <input type="checkbox"/> OTHER	VIII. STANDARDS AND REGULATIONS <input type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> LOCAL <input type="checkbox"/> INTERNATIONAL
	IX. MANAGERIAL/ADMINISTRATIVE <input type="checkbox"/> PROGRAM MANAGEMENT <input type="checkbox"/> FISCAL <input type="checkbox"/> PERSONNEL <input type="checkbox"/> FACILITY <input type="checkbox"/> OTHER

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: National Technical Information CONTACT: _____ PHONE: _____
 NAME: NTIS Service AGENCY DOC
 STREET ADDRESS 5285 Port Royal Rd. CITY Springfield STATE VA ZIP 22151

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input checked="" type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The NTIS data base consists of government-sponsored research,
development and engineering reports plus analyses prepared by federal agencies, their
contractors or grantors. It is the means through which unclassified publicly available
distribution reports are made available for sale by government agencies. Abstracts are
included on line.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) Biweekly CHRONOLOGICAL COVERAGE: <u>1964</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>450,000</u> (# OF RECORDS) ANTICIPATED GROWTH _____(# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS. <u>60,000</u>
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SYSTEM INTERACTIONS: WITHIN SYSTEM <u>(see characterization above)</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>SDC</u> <u>Lockheed</u> <u>BRS</u>
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																																
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<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">OCCUPATIONAL</td> <td style="width: 30%;">ENVIRONMENTAL</td> <td style="width: 40%;"></td> </tr> <tr> <td><input checked="" type="checkbox"/> WORK FORCE</td> <td>AIR</td> <td><input checked="" type="checkbox"/> QUALITY</td> </tr> <tr> <td><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</td> <td></td> <td><input checked="" type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-EMISSIONS</td> <td>WATER</td> <td><input checked="" type="checkbox"/> SURFACE</td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-WORKPLACE</td> <td></td> <td><input checked="" type="checkbox"/> GROUND</td> </tr> <tr> <td><input checked="" type="checkbox"/> WATER</td> <td></td> <td><input checked="" type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> <td><input checked="" type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL		<input checked="" type="checkbox"/> WORK FORCE	AIR	<input checked="" type="checkbox"/> QUALITY	<input checked="" type="checkbox"/> OCCUPATIONAL GROUP		<input checked="" type="checkbox"/> EMISSIONS	<input checked="" type="checkbox"/> AIR-EMISSIONS	WATER	<input checked="" type="checkbox"/> SURFACE	<input checked="" type="checkbox"/> AIR-WORKPLACE		<input checked="" type="checkbox"/> GROUND	<input checked="" type="checkbox"/> WATER		<input checked="" type="checkbox"/> MARINE OR ESTUARINE			<input checked="" type="checkbox"/> DRINKING WATER		SOIL	<input checked="" type="checkbox"/>		PLANTS	<input checked="" type="checkbox"/>		WILDLIFE	<input checked="" type="checkbox"/>		CONSUMER	<input checked="" type="checkbox"/> FOOD			<input checked="" type="checkbox"/> DRUGS			<input checked="" type="checkbox"/> COSMETICS			<input checked="" type="checkbox"/> PESTICIDES			<input checked="" type="checkbox"/> CONSUMER PRODUCTS			<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: NIOSH Technical Information Center CONTACT: Joseph Mastromauro PHONE _____
 NAME: NIOSHTIC AGENCY: HEW/CDC/NIOSH
 STREET ADDRESS: 4676 Columbia Parkway CITY: Cincinnati STATE: Ohio ZIP: 45226

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input checked="" type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: NIOSHTIC is the Institute's computer-based system for current and retrospective literature references in the field of Occupational Safety and Health. Its main purpose is to support research and standard setting with NIOSH, and by other government agencies, universities and the general public. The system contains indexed, published literature in the field of industrial medicine including, toxicology, epidemiology and engineering. It contains most Institute contract and grant reports. Institute generated publications are also added to the data base as well as pertinent articles from journals and periodicals (in some cases dating back to 1890). References are also supplied by other government and international agencies (EPA, DOL, ILO), universities, industrial groups and labor organizations. The system contains abstracts, as well as authors, titles, and subjects, and may be searched using full boolean logic and keywords. A document file is maintained.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1973</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>58,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>12,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>8,000</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>NTIS</u> <u>Registry of Toxic Effects of Chemical Abstracts</u> <u>NIOSH</u> <u>Centre Information de Securite (CIS) at the</u> <u>International Labour Office (ILO)</u>

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>Keywords</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>			
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input checked="" type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input checked="" type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY <input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY <input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC </p>			
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input checked="" type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>			
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 30%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input checked="" type="checkbox"/> OTHER</p> </td> <td style="width: 40%;"></td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input checked="" type="checkbox"/> OTHER</p>		<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input checked="" type="checkbox"/> OTHER</p>			
<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>				

Radioactive materials

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Oceanic Abstracts CONTACT: Thomas Hogan PHONE (502) 582-4111
 NAME: OA AGENCY Data Courier, Inc.
 STREET ADDRESS 620 S. 5th St. CITY Louisville STATE KY ZIP 40202

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: Oceanic Abstracts provides world-wide coverage of oceanography and
marine-related literature. Sources of information are Oceanic Abstracts and the National
Oceanic and Atmospheric Administration (NOAA).

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>Bimonthly</u> CHRONOLOGICAL COVERAGE: <u>1964</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>88,400</u> (#OF RECORDS) ANTICIPATED GROWTH <u>14,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS:
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WITHIN SYSTEM 	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT <u>Lockheed</u>
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR <input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input checked="" type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PLANTS</td> </tr> <tr> <td></td> <td>WILDLIFE <input checked="" type="checkbox"/> aquatic</td> </tr> <tr> <td></td> <td>CONSUMER <input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input checked="" type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/> SOIL		<input type="checkbox"/> PLANTS		WILDLIFE <input checked="" type="checkbox"/> aquatic		CONSUMER <input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																
<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY																																
<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS																																
<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> SURFACE																																
<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> GROUND																																
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	<input type="checkbox"/> DRUGS																																
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	<input type="checkbox"/> PESTICIDES																																
	<input type="checkbox"/> CONSUMER PRODUCTS																																
	<input type="checkbox"/> OTHER																																
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Oceanic & Atmospheric Scientific
Information

IDENTIFICATION: _____ CONTACT: Laurie E. Stockpole PHONE (301) 443-8330

NAME: OASIS AGENCY NOAA/DOC

STREET ADDRESS 6009 Executive Boulevard CITY Rockville STATE MD ZIP 20852

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: OASIS is an information retrieval service, which conducts computerized searches of commercial and Government data bases in the fields of interest to NOAA researchers.

Its primary purpose is to provide ready reference to published technical literature and on-going research efforts concerning the environmental sciences and marine coastal resources.

The Environmental Sciences Information Center of NOAA's Environmental Data Service sponsors the on-line availability of three of the more than 35 data bases that OASIS uses. The first two contain information on the toxicological effects of certain chemical pollutants on marine life. OASIS also provides exclusive access to two bibliographic data bases produced by another of NOAA's Environmental Data Service components, the National Oceanographic Data Center. These two data bases, Aquaculture and Biological Information Retrieval System, also contain information on the effects of pollutants on marine organisms.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input checked="" type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ TO _____	SIZE OF TOTAL DATA BASE: _____ (# OF RECORDS) ANTICIPATED GROWTH _____ (= OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:

WITHIN SYSTEM

NLM data bases

Aquaculture

Biological Information Retrieval Systems

INDEX. and others.

OUTSIDE SYSTEM PARTICIPANT

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>			
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input checked="" type="checkbox"/> PRODUCTION PROCESS</p> <p><input checked="" type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input checked="" type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE <input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY <input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY <input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY <input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC </p>			
<p>III. MARKETING</p> <p><input checked="" type="checkbox"/> USERS</p> <p><input checked="" type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input checked="" type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> PLACE OF USE</p> <p><input checked="" type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> WEATHER MODIFICATION</p> <p><input checked="" type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>			
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 30%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 40%; vertical-align: top;"> <p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input checked="" type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input checked="" type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input checked="" type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input checked="" type="checkbox"/> WORK FORCE</p> <p><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input checked="" type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input checked="" type="checkbox"/> QUALITY</p> <p><input checked="" type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input checked="" type="checkbox"/> DRINKING WATER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input checked="" type="checkbox"/> OTHER</p>		
<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>				

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Office of Standard Reference CONTACT: S. A. Rossmassler PHONE (301) 921-3755
Data Chemical Files
 NAME: _____ AGENCY NBS/DOC
 STREET ADDRESS U.S. Department of Commerce CITY Washington STATE D.C. ZIP 20234

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The technical scope of the program is restricted to well-defined physical and chemical properties of substances and systems which are well-characterized. While this definition leaves some borderline cases, the intent is to concentrate the effort on intrinsic properties which are clearly defined in terms of accepted physical theory. Properties which depend upon arbitrarily defined characteristics of the measurement technique are generally excluded. Likewise, materials of uncertain or variable composition are not included. Biological properties and data relating to large natural systems (e.g., the atmosphere, the oceans) also fall outside the program.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) Irregular CHRONOLOGICAL COVERAGE: <u>1963</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>30,000</u>
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SYSTEM INTERACTIONS: WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input checked="" type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="padding-left: 20px;"> <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC </p>		
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 70%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>			

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Oil & Hazardous Materials CONTACT: Jean H. Wright PHONE (202) 245-3057
 NAME: OHM - TADS AGENCY EPA/DOC
 STREET ADDRESS 401 M Street, S. W. CITY Washington STATE DC ZIP 20460

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES <input checked="" type="checkbox"/> OTHER COUNTRIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: Designed originally for EPA Oil and Hazardous Materials Spill Response
personnel in the field, TADS is now publicly accessed by commercial, federal and state govern-
ments, academic institutions, and users in other countries. The data file gives users all
information pertinent to emergency spill response efforts, and even permits the user to identify
unknown pollutants by their physical/chemical characteristics as observed on the scene of
the spill. The file includes a wide variety of physical, chemical, biological and toxicological
data for almost 1000 substances, with emphasis on the deleterious effects that these chemicals
and hazardous materials may have on water quality. The data file also provides critical
information on human effects and protective measures for response personnel.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>as needed</u> CHRONOLOGICAL COVERAGE: <u>1971</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>22,000,000</u> <u>characters</u> ANTICIPATED GROWTH <u>100</u> (= OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>1600</u>
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SYSTEM INTERACTIONS:

WITHIN SYSTEM
N/A

OUTSIDE SYSTEM PARTICIPANT
N/A

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input checked="" type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input checked="" type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																																
<p>IV. EXPOSURE</p> <table style="width: 100%;"> <tr> <td style="width: 30%;">OCCUPATIONAL</td> <td style="width: 30%;"></td> <td style="width: 40%;">ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> <td><input checked="" type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td></td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td>WATER</td> <td><input checked="" type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td></td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td></td> <td><input checked="" type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL		ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input checked="" type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP		<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	WATER	<input checked="" type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE		<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER		<input checked="" type="checkbox"/> MARINE OR ESTUARINE			<input type="checkbox"/> DRINKING WATER		SOIL	<input type="checkbox"/>		PLANTS	<input type="checkbox"/>		WILDLIFE	<input type="checkbox"/>		CONSUMER	<input type="checkbox"/> FOOD			<input type="checkbox"/> DRUGS			<input type="checkbox"/> COSMETICS			<input type="checkbox"/> PESTICIDES			<input type="checkbox"/> CONSUMER PRODUCTS			<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Organic Chemical Producers Data CONTACT: Dave Becker PHONE: _____
Base
 NAME: _____ AGENCY: EPA
 STREET ADDRESS: 5555 Ridge Avenue CITY: Cincinnati STATE: Ohio ZIP: 45268

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input checked="" type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This system has collected production and toxicology information on organic chemicals, and intermediates on 400 compounds produced in quantities exceeding 10×10^6 lbs/yr.
Not all data are present on all chemicals. Included along with production are sites, processes, product flows, emission factors and byproducts and impurities. The system was designed for EPA by Radian and is maintained by them on a contract basis. The purpose of this data base is to provide data on organic chemicals which can be readily accessed and by which analyses and assessments of the organic chemical industry can be performed.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to <u>present</u>	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>400</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>INTC Production Information</u> <u>Directory of Chemical Producers</u>	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input checked="" type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>searching using WLN</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY - GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY - OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input checked="" type="checkbox"/> PRODUCTION PROCESS</p> <p><input checked="" type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input checked="" type="checkbox"/> CONTROL TECHNOLOGY</p> <p><input checked="" type="checkbox"/> manufacturer</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input checked="" type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td>WATER</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input checked="" type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	WATER	<input type="checkbox"/> WATER	<input type="checkbox"/> SURFACE		<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input checked="" type="checkbox"/> FEDERAL TLV</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																												
<input type="checkbox"/> WORK FORCE	AIR																																												
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<input type="checkbox"/> AIR-EMISSIONS	<input checked="" type="checkbox"/> EMISSIONS																																												
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<input type="checkbox"/> WATER	<input type="checkbox"/> SURFACE																																												
	<input type="checkbox"/> GROUND																																												
	<input type="checkbox"/> MARINE OR ESTUARINE																																												
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	<input type="checkbox"/> PESTICIDES																																												
	<input type="checkbox"/> CONSUMER PRODUCTS																																												
	<input type="checkbox"/> OTHER																																												
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Pesticide Enforcement Management System CONTACT: Ron Carsten PHONE: _____
 NAME: PEMS AGENCY: EPA
 STREET ADDRESS: M Street CITY: Washington STATE: DC ZIP: 20460

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: PEMS supports regional pesticide enforcement activities by maintaining a nationwide record of pesticide samples collected, record of violations detected and enforcement actions taken. Such data are used to determine penalties and to formulate sampling strategies.

The system generates a number of management reports on weekly, monthly and quarterly schedules. Regional offices may also at any time generate a special violation history report on any firm. PEMS records a history, by manufacturer, of all enforcement actions taken. Actions may be started because the manufacturer failed to register, or because a sampling indicates that the product is in violation of its registration conditions. Currently in excess of 14,500 samples have been recorded in PEMS.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1972</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>26,500</u> (#OF RECORDS) ANTICIPATED GROWTH <u>6,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u> _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>Product Registration Numbers</u></p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>		
<p>III. MARKETING</p> <p><input checked="" type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 70%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input checked="" type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input checked="" type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Pesticide & Industrial Chemicals CONTACT: Louis P. True, Jr. PHONE (202) 245-1149
 NAME: _____ AGENCY FDA/HEW
 STREET ADDRESS 200 C Street, S. W. CITY Washington STATE DC ZIP 20204

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This is an encyclopedia of basic physical characteristics of pesticides and industrial chemicals, similar to what is contained in the Handbook of Chemistry and Physics.
As soon as a new pesticide or industrial chemical is on the market, it is entered into the system.
This data base enables scientists to find the information in one location.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1972</u> to <u>1977</u>	SIZE OF TOTAL DATA BASE: <u>1500</u> (#OF RECORDS) ANTICIPATED GROWTH <u>20</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>250</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u>	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u>

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input checked="" type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"><input type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p style="margin-left: 20px;"><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p style="margin-left: 20px;"><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p style="margin-left: 20px;"><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p style="margin-left: 20px;"><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>		
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 70%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Pesticide Reporting System CONTACT: Daryl C. Fleming PHONE (301) 443-3316
 NAME: _____ AGENCY FDA/HEW
 STREET ADDRESS 5600 Fishers Lane CITY Rockville STATE MD ZIP _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The purpose of the system is to gather detailed statistical information on the collection and examination of official and investigational samples for pesticides and to record and transmit such data to the headquarters computer. Pursuant to Sec. 702(a) and (h) of the Food, Drug, and Cosmetic Act such sampling and testing is authorized. Residues of pesticides detected are reported in ppm to two decimal places; however, negative results are reported in cases of exams for specific chemicals. Primary users of the files are the FDA Bureaus of Food and Veterinary Medicine for monitoring their compliance programs. Other important users are State governments and other Federal agencies, such as Environmental Protection Agency and USDA. Residues of pesticides, industrial chemicals, and metals may be readily associated with food products and their State/County or country points of origin.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1964</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>12,000-30,000/yr</u> (#OF RECORDS) ANTICIPATED GROWTH <u>30</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>60 to 120/yr.</u>
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SYSTEM INTERACTIONS:

WITHIN SYSTEM

OUTSIDE SYSTEM PARTICIPANT

State Agencies

Dept. of Interior

Dept. of Agriculture

} reports

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>3 digit code based on tolerance (FDA code)</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR <input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL <input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS <input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE <input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER <input checked="" type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input type="checkbox"/> MARINE OR ESTUARINE		<input checked="" type="checkbox"/> DRINKING WATER		SOIL <input type="checkbox"/>		PLANTS <input type="checkbox"/>		WILDLIFE <input type="checkbox"/>		CONSUMER <input checked="" type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input checked="" type="checkbox"/> PESTICIDES		<input checked="" type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input checked="" type="checkbox"/> FEDERAL</p> <p><input checked="" type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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	<input type="checkbox"/> OTHER																																
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Pesticides Analysis Retrieval

IDENTIFICATION: and Control System CONTACT: _____ PHONE _____

NAME: PARCS AGENCY EPA

STREET ADDRESS _____ CITY _____ STATE _____ ZIP _____

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE Some PROPRIETARY <input checked="" type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This system is a large, active and growing one, from which over 50 inventory reports are prepared. At this time, four new reports per month are being developed. One of the most significant reports prepared is a complete English language description of all pesticide products on the master file. Most reports are organized by selective pesticide criteria. A typical report lists and analyzes all requested products by product name, with their specified chemical ingredients by percentage of chemical makeup and their formula. Some of the more important data elements found in the system are: product label, product name, name and address of company, project manager of pesticide and site on which the pest is found. PARCS is made up of five major subsystems: level one contains the accession number, pesticide registry number, and Shaughnessy chemical registry numbers; level two contains the data in level one plus the registrant and submission date; level three includes levels one and two plus test data, test format and trade secret information; level four adds validity and applicability of the test format to the previous data; and level five completes the PARCS data with an abstract of the test results.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: _____ <u>36,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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WITHIN SYSTEM

SYSTEM INTERACTIONS:

OUTSIDE SYSTEM PARTICIPANT

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>Shaughnessy code</u></p> <p><input checked="" type="checkbox"/> <u>Pesticide registration number</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY - GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY - OCCUPATIONAL</p>																																										
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p> <p><input checked="" type="checkbox"/> MANUFACTURER</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																										
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OCCUPATIONAL	ENVIRONMENTAL																																										
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: POISINDEX CONTACT: Barry Rummack PHONE: (303) 781-7813
 NAME: _____ AGENCY: Micromedex, Inc.
 STREET ADDRESS: 2750 South Shoshone Street CITY: Englewood STATE: Colorado ZIP: 80110

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY <input checked="" type="checkbox"/> Reference	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This system was designed to provide physicians and nurses with ready access to specific and detailed emergency poison treatment procedures. A computer-generated microfiche system contains two major types of information: (1) product formulation information and (2) poison management treatment information. Entries in the product data base include trade name, generic name, chemical name etc. The management information consists of pharmacology, clinical effects, range of toxicity, and recommended treatment.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input checked="" type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: 1974 _____ to present	SIZE OF TOTAL DATA BASE: <u>160,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS: WITHIN SYSTEM <u>N/A</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u> _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>			
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>			
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>			
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 10%; vertical-align: top; text-align: center;"> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 60%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p>ENVIRONMENTAL</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input checked="" type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>			

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Poison Control Online
 IDENTIFICATION: Inquiry System CONTACT: David M. Moss PHONE (301) 443-2836
 NAME: _____ AGENCY FDA/HEW
 STREET ADDRESS 5401 Westbard Avenue CITY Bethesda STATE MD ZIP 20016

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY <input checked="" type="checkbox"/> <u>reference</u>	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES <input checked="" type="checkbox"/> OTHER	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Poison Control Online Inquiry System gives immediate response to
selected poison control centers (using cathode ray tubes) to questions concerning the
accidental ingestion of approximately 10,000 household products and medicines (e.g., ingredients,
symptoms, treatment). The system ensures fast, complete and accurate replies to emergency
inquiries where a poisoning is involved.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input checked="" type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1963</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>10,000</u> (# OF RECORDS) ANTICIPATED GROWTH <u>1,000</u> (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS: WITHIN SYSTEM <u>Computer Based Drug Information System (U of Mo)</u> <u>Poison Control Case Reporting System (FDA)</u> <u>National Clearing House for Parson Control</u> <u>Centers</u>	OUTSIDE SYSTEM PARTICIPANT <u>Poison Control Case Reporting System (FDA)</u> _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																		
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>																																		
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<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	<input type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/> SOIL		<input type="checkbox"/> PLANTS		<input type="checkbox"/> WILDLIFE		<input type="checkbox"/> CONSUMER		<input type="checkbox"/> FOOD		<input checked="" type="checkbox"/> DRUGS		<input checked="" type="checkbox"/> COSMETICS		<input checked="" type="checkbox"/> PESTICIDES		<input checked="" type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																		
<input type="checkbox"/> WORK FORCE	<input type="checkbox"/> QUALITY																																		
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Pollution Abstracts CONTACT: T. Hogan PHONE: (502) 582-4111
 NAME: _____ AGENCY: Data Courier, Inc.
 STREET ADDRESS: Data Courier, Inc. CITY: Louisville STATE: KY ZIP: 40202

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: Pollution abstracts contains abstracts of citations in the areas of
pollution control and pollution research including air, water, marine thermal and noise, land
pollution, patents, pesticides, sewage and waste treatment, contracts and legal developments. The
references are drawn from foreign and domestic technical reports, journals, newspapers, contracts,
symposia, government documents and patents. Pollution covers both technical and non technical
documents.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>81-monthly</u> CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>44,700</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>24,000</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT SDC _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																																
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">OCCUPATIONAL</td> <td style="width: 30%;">ENVIRONMENTAL</td> <td style="width: 40%;"></td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td></td> <td><input checked="" type="checkbox"/> EMISSIONS</td> </tr> <tr> <td></td> <td>WATER</td> <td><input checked="" type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td></td> <td><input checked="" type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td></td> <td><input checked="" type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td></td> <td><input checked="" type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL		<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP		<input checked="" type="checkbox"/> EMISSIONS		WATER	<input checked="" type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-EMISSIONS		<input checked="" type="checkbox"/> GROUND	<input type="checkbox"/> AIR-WORKPLACE		<input checked="" type="checkbox"/> MARINE OR ESTUARINE	<input type="checkbox"/> WATER		<input checked="" type="checkbox"/> DRINKING WATER		SOIL	<input type="checkbox"/>		PLANTS	<input type="checkbox"/>		WILDLIFE	<input type="checkbox"/>		CONSUMER	<input type="checkbox"/> FOOD			<input type="checkbox"/> DRUGS			<input type="checkbox"/> COSMETICS			<input checked="" type="checkbox"/> PESTICIDES			<input type="checkbox"/> CONSUMER PRODUCTS			<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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		<input type="checkbox"/> OTHER																																															
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Population Studies System CONTACT: _____ PHONE: _____
 NAME: _____ AGENCY: EPA
 STREET ADDRESS: N.C.#54 and Alexander Drive CITY: Research Triangle Pk. STATE: N.C. ZIP: 27711

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input checked="" type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Population Studies System produces statistical-type data for
evaluating the effects of specific air pollutants on human health. Over 300,000 records in
60 master files are used in these population studies. The number of data elements in a
record vary, 75 being an average number. Examples of data collected on people are: age, sex,
length of residence, occupational history, smoking history, education, and various types of disease
information. This system replaces the Community Health Environmental Surveillance Study (CHESS).

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: _____ (# OF RECORDS) ANTICIPATED GROWTH _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS: WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>NTIS</u> _____ _____ _____
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I. SUBSTANCE IDENTIFICATION <input type="checkbox"/> MOLECULAR FORMULA <input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER <input type="checkbox"/> CAS NAME <input type="checkbox"/> IUPAC <input checked="" type="checkbox"/> SYNONYMS <input type="checkbox"/> WISWESSER LINE NOTATION <input type="checkbox"/> CHEMICAL STRUCTURE <input type="checkbox"/> CHEMICAL PROPERTIES <input type="checkbox"/> PHYSICAL PROPERTIES <input type="checkbox"/> COMPOSITION <input type="checkbox"/> OTHER _____ 	V. EPIDEMIOLOGY DATA <input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL <input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL																																																																
II. PRODUCTION ASPECTS <input type="checkbox"/> PRODUCTION QUANTITY <input type="checkbox"/> PLANT LOCATION <input type="checkbox"/> PRODUCTION PROCESS <input type="checkbox"/> BYPRODUCTS, IMPURITIES <input type="checkbox"/> CONTROL TECHNOLOGY	VI. BIOLOGICAL EFFECTS <input type="checkbox"/> BIOCHEMICAL STUDIES <input checked="" type="checkbox"/> CLINICAL STUDIES <input type="checkbox"/> TOXICOLOGICAL STUDIES <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC																																																																
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IV. EXPOSURE <table border="0"> <tr> <td colspan="2">OCCUPATIONAL</td> <td colspan="2">ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> <td><input type="checkbox"/> QUALITY</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</td> <td></td> <td><input checked="" type="checkbox"/> EMISSIONS</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-EMISSIONS</td> <td>WATER</td> <td><input type="checkbox"/> SURFACE</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-WORKPLACE</td> <td></td> <td><input type="checkbox"/> GROUND</td> <td></td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> <td></td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> <td></td> </tr> <tr> <td></td> <td>SOIL</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>PLANTS</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>WILDLIFE</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>CONSUMER</td> <td><input type="checkbox"/> FOOD</td> <td></td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> DRUGS</td> <td></td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> COSMETICS</td> <td></td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> PESTICIDES</td> <td></td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> <td></td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> OTHER</td> <td></td> </tr> </table>	OCCUPATIONAL		ENVIRONMENTAL		<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> QUALITY		<input checked="" type="checkbox"/> OCCUPATIONAL GROUP		<input checked="" type="checkbox"/> EMISSIONS		<input checked="" type="checkbox"/> AIR-EMISSIONS	WATER	<input type="checkbox"/> SURFACE		<input checked="" type="checkbox"/> AIR-WORKPLACE		<input type="checkbox"/> GROUND		<input type="checkbox"/> WATER		<input type="checkbox"/> MARINE OR ESTUARINE				<input type="checkbox"/> DRINKING WATER			SOIL	<input type="checkbox"/>			PLANTS	<input type="checkbox"/>			WILDLIFE	<input type="checkbox"/>			CONSUMER	<input type="checkbox"/> FOOD				<input type="checkbox"/> DRUGS				<input type="checkbox"/> COSMETICS				<input type="checkbox"/> PESTICIDES				<input type="checkbox"/> CONSUMER PRODUCTS				<input type="checkbox"/> OTHER		VIII. STANDARDS AND REGULATIONS <input type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> LOCAL <input type="checkbox"/> INTERNATIONAL
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	IX. MANAGERIAL/ADMINISTRATIVE <input type="checkbox"/> PROGRAM MANAGEMENT <input type="checkbox"/> FISCAL <input type="checkbox"/> PERSONNEL <input type="checkbox"/> FACILITY <input type="checkbox"/> OTHER																																																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Predicasts Marketing Systems CONTACT: _____ PHONE (216) 795-3000
 NAME: _____ AGENCY Predicasts Inc.
 STREET ADDRESS 11001 Cedar Ave. CITY Cleveland STATE Ohio ZIP 44106

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: Predicasts Inc. maintains four separate marketing systems for on-line inquiry: Predicasts Marketing Abstracts, Predicasts International Statistics, Predicasts Federal Index, and Predicasts Domestic Statistics. Depending on the file queried domestic or international data can be obtained based on current literature sources including annual reports of government agencies, statistical reports and reviews of industry, handbooks and yearbooks of trade associations, census reports, and magazines and trade journals. Data includes historical and annual data as well as forecasts.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>200,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>27,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS: WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>Lockheed</u> _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>SIC code</u></p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
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OCCUPATIONAL	ENVIRONMENTAL																																												
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EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

**Registry of Toxic Effects of
Chemical Substances**

IDENTIFICATION: _____ CONTACT: Richard Lewis PHONE _____

NAME: _____ AGENCY DCD/NIOSH/HEW

STREET ADDRESS 4676 Columbia Parkway CITY Cincinnati STATE OH ZIP 45226

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES <input checked="" type="checkbox"/> Foreign	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The annual publication of a list of known toxic substances is a NIOSH
mandate under the Occupational Safety Health Act of 1970. It is intended to provide basic infor-
mation on the known toxic and biological effects of chemical substances for the use of employers,
employees, physicians, industrial hygienists, toxicologists, researchers, and, in general,
anyone concerned with the proper and safe handling of chemicals. The purposes of this Registry
in presenting these data are manifold and serve a variety of users. It serves as a single
source document for basic toxicity information and for such other data as chemical properties
and information necessary for the preparation of safety directives and hazard evaluations for
chemical substances for which standards have not been recommended or promulgated.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1971</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>280,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>5,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>21,729</u>
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SYSTEM INTERACTIONS:

WITHIN SYSTEM <u>N/A</u> <hr/> <hr/> <hr/>	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u> <hr/> <hr/> <hr/>
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I. SUBSTANCE IDENTIFICATION <input checked="" type="checkbox"/> MOLECULAR FORMULA <input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER <input checked="" type="checkbox"/> CAS NAME <input checked="" type="checkbox"/> IUPAC <input checked="" type="checkbox"/> SYNONYMS <input checked="" type="checkbox"/> WISWESSER LINE NOTATION <input type="checkbox"/> CHEMICAL STRUCTURE <input type="checkbox"/> CHEMICAL PROPERTIES <input checked="" type="checkbox"/> PHYSICAL PROPERTIES <input type="checkbox"/> COMPOSITION <input type="checkbox"/> OTHER _____ 	V. EPIDEMIOLOGY DATA <input type="checkbox"/> EPIDEMIOLOGY - GENERAL <input type="checkbox"/> EPIDEMIOLOGY - OCCUPATIONAL																																
II. PRODUCTION ASPECTS <input type="checkbox"/> PRODUCTION QUANTITY <input type="checkbox"/> PLANT LOCATION <input type="checkbox"/> PRODUCTION PROCESS <input type="checkbox"/> BYPRODUCTS, IMPURITIES <input type="checkbox"/> CONTROL TECHNOLOGY	VI. BIOLOGICAL EFFECTS <input checked="" type="checkbox"/> BIOCHEMICAL STUDIES <input checked="" type="checkbox"/> CLINICAL STUDIES <input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES <input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE <input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY <input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY <input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC																																
III. MARKETING <input type="checkbox"/> USERS <input type="checkbox"/> USERS (WITH AMOUNTS) <input type="checkbox"/> USES <input type="checkbox"/> USES (WITH AMOUNTS) <input type="checkbox"/> PLACE OF USE <input type="checkbox"/> SUBSTITUTES <input type="checkbox"/> ECONOMIC INFORMATION	VII. ENVIRONMENTAL EFFECTS <input type="checkbox"/> DEGRADATION PRODUCTS <input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE <input type="checkbox"/> ECOLOGICAL EFFECTS <input type="checkbox"/> WEATHER MODIFICATION <input type="checkbox"/> MATERIALS <input type="checkbox"/> BIOACCUMULATION																																
IV. EXPOSURE <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR <input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td> <input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td>WATER <input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> A/R-WORKPLACE</td> <td> <input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td> <input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td> <input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL <input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS <input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE <input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER <input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td> <input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td> <input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td> <input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td> <input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td> <input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	WATER <input type="checkbox"/> SURFACE	<input type="checkbox"/> A/R-WORKPLACE	<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		SOIL <input type="checkbox"/>		PLANTS <input type="checkbox"/>		WILDLIFE <input type="checkbox"/>		CONSUMER <input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	VIII. STANDARDS AND REGULATIONS <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> LOCAL <input type="checkbox"/> INTERNATIONAL
OCCUPATIONAL	ENVIRONMENTAL																																
<input type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY																																
<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS																																
<input type="checkbox"/> AIR-EMISSIONS	WATER <input type="checkbox"/> SURFACE																																
<input type="checkbox"/> A/R-WORKPLACE	<input type="checkbox"/> GROUND																																
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	<input type="checkbox"/> CONSUMER PRODUCTS																																
	<input type="checkbox"/> OTHER																																
	IX. MANAGERIAL/ADMINISTRATIVE <input type="checkbox"/> PROGRAM MANAGEMENT <input type="checkbox"/> FISCAL <input type="checkbox"/> PERSONNEL <input type="checkbox"/> FACILITY <input type="checkbox"/> OTHER																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Reporting of Economic Data for
Negotiation of International
Transportation Conventions

IDENTIFICATION: _____ CONTACT: _____ PHONE: _____

NAME: (REDNITRAC) _____ AGENCY: _____

STREET ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input checked="" type="checkbox"/> PROPRIETARY <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: This system produces 18 reports about imported and exported products according to mode of transportation. The system's categories of input include (1) Annual Census Import Trade Statistics--a tape of approximately 400,000 records on the quantities and values of products imported by the U.S. during a one-year period, (2) Annual Census Export Trade Statistics--approximately 400,000 records on quantities and values of U.S. exports. Reports are produced for exports and imports which list for each commodity, the digit commodity code, commodity description, total dollar value of commodity, total shipping weight of commodity, dollar value per pound, cumulative value of this commodity and prior commodities in report, cumulative weight of this commodity and prior commodities in report, percent of value of this commodity within all commodities in report, and percent of weight of this commodity within all commodities in report.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: 800,000 (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM Annual Census Import Trade Statistics (DOC) Annual Census Export Trade Statistics (DOC) _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>SIC Code</u> _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p> <p>X Imports and Exports</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
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OCCUPATIONAL	ENVIRONMENTAL																																												
<input type="checkbox"/> WORK FORCE	AIR																																												
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	<input type="checkbox"/> OTHER																																												
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Research Program of
Chemicals that Impact Man CONTACT: Dr. Sidney Siegel PHONE (301) 446-4521
 NAME: _____ AGENCY HEW/NIH/NCI
 STREET ADDRESS _____ CITY Bethesda STATE MD ZIP 20014

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input checked="" type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This system gathers data and information on chemicals that significantly
impact man and his environment. Data and information that is analyzed stems from production,
use, and exposure estimates made on sets of chemicals chosen from the system's base of 27,000
individual entries. The sets of chemicals are chosen as being related to the number of all
members of one population and/or special population of one country who are exposed to these
materials. The exposure categories so far chosen for study are cosmetics, trade sales points,
pesticides, water pollutants, soaps and detergents, drugs, adhesives and sealants, and
intentional food additives. This data base was developed by SRI for NCI. The number of
chemicals for which exposure information is available is about 3200.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>30,000</u> (# OF RECORDS) ANTICIPATED GROWTH <u>1,500</u> (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>27,000</u>
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SYSTEM INTERACTIONS: WITHIN SYSTEM <u>EMIC (NIEHS)</u> <u>ETIC (NIEHS)</u> <u>LARC (WHO)</u>	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input checked="" type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																				
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input checked="" type="checkbox"/> PRODUCTION PROCESS</p> <p><input checked="" type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY</p> <p><input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>																																				
<p>III. MARKETING</p> <p><input checked="" type="checkbox"/> USERS</p> <p><input checked="" type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input checked="" type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> PLACE OF USE</p> <p><input checked="" type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																				
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input checked="" type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> SURFACE	<input type="checkbox"/> WATER	<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input checked="" type="checkbox"/> DRINKING WATER		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/> FOOD		<input checked="" type="checkbox"/> DRUGS		<input checked="" type="checkbox"/> COSMETICS		<input checked="" type="checkbox"/> PESTICIDES		<input checked="" type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																				
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	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																				

Smithsonian Scientific
Information Exchange**AGENCY**

PURPOSE OF SYSTEM:	SYSTEM USERS:	TYPE OF DATA IN SYSTEM	MANIPULATION OF DATA:
<input checked="" type="checkbox"/> MANAGEMENT & PLANNING	<input checked="" type="checkbox"/> PUBLIC	<input type="checkbox"/> RAW	<input checked="" type="checkbox"/> BOOLEAN SEARCHING
<input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT	<input type="checkbox"/> IN-HOUSE	<input type="checkbox"/> ANALYZED	<input checked="" type="checkbox"/> INDEXING
<input type="checkbox"/> SURVEILLANCE & MONITORING	<input type="checkbox"/> PROPRIETARY <input type="checkbox"/>	<input type="checkbox"/> SUMMARIZED	<input type="checkbox"/> REPORT GENERATION
<input type="checkbox"/> PRODUCT REGISTRATION	<input type="checkbox"/> OTHER GOVERNMENT AGENCIES	<input type="checkbox"/> BIBLIOGRAPHIC	<input type="checkbox"/> STATISTICAL
<input type="checkbox"/> LEGAL, LEGISLATIVE OR		<input checked="" type="checkbox"/> REFERRAL	<input type="checkbox"/> NEW FILE CREATION
<input type="checkbox"/> REGULATORY			<input type="checkbox"/> OTHER _____

SYSTEM CHARACTERIZATION: SSIE maintains the nation's largest data base of information about research in progress in all areas of science. Designed to fill the publication information gap, SSIE's file covers on-going and recently completed work in the life and physical sciences for both basic and applied science projects. SSIE also collects and professionally indexes project information that is voluntarily submitted by over 1300 funding organizations, including Federal Government, non-profit associations and foundations in universities.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>262,400</u> (# OF RECORDS) ANTICIPATED GROWTH <u>108,000</u> (# OF ^{records} QUERIES PER YEAR) NUMBER OF UNIQUE CHEMICALS: _____
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WITHIN SYSTEM

Cancer Proj

SDC

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE</p> <p><input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY</p> <p><input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY</p> <p><input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY</p> <p><input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC</p>																																
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<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR <input checked="" type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td> <input checked="" type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td>WATER <input checked="" type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td> <input checked="" type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td> <input checked="" type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td> <input checked="" type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL <input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS <input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE <input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER <input checked="" type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td> <input checked="" type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td> <input checked="" type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td> <input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td> <input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td> <input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR <input checked="" type="checkbox"/> QUALITY	<input type="checkbox"/> OCCUPATIONAL GROUP	<input checked="" type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	WATER <input checked="" type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input checked="" type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input checked="" type="checkbox"/> MARINE OR ESTUARINE		<input checked="" type="checkbox"/> DRINKING WATER		SOIL <input checked="" type="checkbox"/>		PLANTS <input checked="" type="checkbox"/>		WILDLIFE <input checked="" type="checkbox"/>		CONSUMER <input checked="" type="checkbox"/> FOOD		<input checked="" type="checkbox"/> DRUGS		<input checked="" type="checkbox"/> COSMETICS		<input checked="" type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																
<input type="checkbox"/> WORK FORCE	AIR <input checked="" type="checkbox"/> QUALITY																																
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	<input type="checkbox"/> CONSUMER PRODUCTS																																
	<input type="checkbox"/> OTHER																																
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Solid Waste Information Retrieval

IDENTIFICATION: System CONTACT: John A. Connolly PHONE (202) 245-3000
 NAME: SWIRS AGENCY EPA
 STREET ADDRESS Waterside Mall CITY Washington STATE DC ZIP _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Solid Waste Information Retrieval System (SWIRS) is a bibliographic system which provides access to international literature related to solid waste information. It provides references to the latest developments in the field for disseminating technological information. Abstracts of documents are entered into the system for use in performing literature searches.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1973</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>37,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS: WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER: <u>keyword</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY -- GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY -- OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input checked="" type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>		
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 70%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR <input type="checkbox"/> QUALITY</p> <p> <input checked="" type="checkbox"/> EMISSIONS</p> <p>WATER <input checked="" type="checkbox"/> SURFACE</p> <p> <input checked="" type="checkbox"/> GROUND</p> <p> <input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p> <input checked="" type="checkbox"/> DRINKING WATER</p> <p>SOIL <input checked="" type="checkbox"/></p> <p>PLANTS <input checked="" type="checkbox"/></p> <p>WILDLIFE <input type="checkbox"/></p> <p>CONSUMER <input type="checkbox"/> FOOD</p> <p> <input type="checkbox"/> DRUGS</p> <p> <input type="checkbox"/> COSMETICS</p> <p> <input type="checkbox"/> PESTICIDES</p> <p> <input type="checkbox"/> CONSUMER PRODUCTS</p> <p> <input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR <input type="checkbox"/> QUALITY</p> <p> <input checked="" type="checkbox"/> EMISSIONS</p> <p>WATER <input checked="" type="checkbox"/> SURFACE</p> <p> <input checked="" type="checkbox"/> GROUND</p> <p> <input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p> <input checked="" type="checkbox"/> DRINKING WATER</p> <p>SOIL <input checked="" type="checkbox"/></p> <p>PLANTS <input checked="" type="checkbox"/></p> <p>WILDLIFE <input type="checkbox"/></p> <p>CONSUMER <input type="checkbox"/> FOOD</p> <p> <input type="checkbox"/> DRUGS</p> <p> <input type="checkbox"/> COSMETICS</p> <p> <input type="checkbox"/> PESTICIDES</p> <p> <input type="checkbox"/> CONSUMER PRODUCTS</p> <p> <input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR <input type="checkbox"/> QUALITY</p> <p> <input checked="" type="checkbox"/> EMISSIONS</p> <p>WATER <input checked="" type="checkbox"/> SURFACE</p> <p> <input checked="" type="checkbox"/> GROUND</p> <p> <input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p> <input checked="" type="checkbox"/> DRINKING WATER</p> <p>SOIL <input checked="" type="checkbox"/></p> <p>PLANTS <input checked="" type="checkbox"/></p> <p>WILDLIFE <input type="checkbox"/></p> <p>CONSUMER <input type="checkbox"/> FOOD</p> <p> <input type="checkbox"/> DRUGS</p> <p> <input type="checkbox"/> COSMETICS</p> <p> <input type="checkbox"/> PESTICIDES</p> <p> <input type="checkbox"/> CONSUMER PRODUCTS</p> <p> <input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: The Special Trade Representatives Centralized Data Bank CONTACT: Mr. Goldberg PHONE (202) 395-5140
 NAME: STRCDB AGENCY: Office of the Special Representative for Trade Negotiations
 STREET ADDRESS: 1800 G Street, N.W. CITY: Washington STATE: DC ZIP: _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input checked="" type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input checked="" type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input checked="" type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The STRCDB contains tariff information from the General Agreement on Tariffs and Trade (GATT) for 1970 and 1971 and the U.S. trade and Tariff Data for 1970 through 1973. Import categories for the 11 countries in GATT is identified by the Brussels Tariff Nomenclature (BTN) 4-digit code, and the U.S. Data is identified by the Tariff Schedule United States (TSUS) Number. The major information contained in the data base included: tariff schedule description, tariff rate, import and export countries, quantities of U.S. imports and the dollar value of imports and exports.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input checked="" type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1970</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>+ 100M</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>GATT Tapes</u> <u>Census Bureau</u> _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>TSUS or Brussels</u> <u>Tariff Nomenclature</u> code (4 digit)</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																												
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																												
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																												
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> SURFACE	<input type="checkbox"/> WATER	<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/>		SOIL		<input type="checkbox"/>		PLANTS		<input type="checkbox"/>		WILDLIFE		<input type="checkbox"/>		CONSUMER		<input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																												
<input type="checkbox"/> WORK FORCE	AIR																																												
<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY																																												
<input type="checkbox"/> AIR-EMISSIONS	<input type="checkbox"/> EMISSIONS																																												
<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> SURFACE																																												
<input type="checkbox"/> WATER	<input type="checkbox"/> GROUND																																												
	<input type="checkbox"/> MARINE OR ESTUARINE																																												
	<input type="checkbox"/> DRINKING WATER																																												
	<input type="checkbox"/>																																												
	SOIL																																												
	<input type="checkbox"/>																																												
	PLANTS																																												
	<input type="checkbox"/>																																												
	WILDLIFE																																												
	<input type="checkbox"/>																																												
	CONSUMER																																												
	<input type="checkbox"/> FOOD																																												
	<input type="checkbox"/> DRUGS																																												
	<input type="checkbox"/> COSMETICS																																												
	<input type="checkbox"/> PESTICIDES																																												
	<input type="checkbox"/> CONSUMER PRODUCTS																																												
	<input type="checkbox"/> OTHER																																												
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																												

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Standards Completion Program CONTACT: James Martin PHONE (301) 443-4364
 NAME: SCP AGENCY NIOSH/CDC/HEW
 STREET ADDRESS 5600 Fishers Lane (CDC) CITY Rockville STATE MD ZIP _____

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input checked="" type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The object of the joint NIOSH/OSHA Standards Completion Program was to develop, specify, and promulgate the functions, methodologies, and procedures required by P.L. 91-596 for approx. 400 substances which now have only environmental workroom levels specified in Part 1910 of Title 29 of Code of Federal Regulations (29 CFR 1910). This program was planned for completion within a period of about three years. Each completed standard included procedures for: (1) informing the employee of potential hazard, (2) monitoring, engineering, and control mechanisms, (3) establishing effective techniques and intervals, (4) establishing medical surveillance and testing programs, and (5) evaluating fire and other injury hazards. In an effort to make the vast amount of technical information assembled under the SCP more readily available to employers, employees, occupational health professionals, and others who may be interested, NIOSH, by contract, will edit and condense the collected information and data into nonregulatory language and more easily understood guides for publication. Two technical information documents will result: (1) an industrial hygiene handbook covering approximately 400 toxic substances and (2) guidelines to employers and employees.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> WEEKLY <input type="checkbox"/> QUARTERLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>No longer being updated</u> CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>400</u> (#OF RECORDS) ANTICIPATED GROWTH <u>0</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>400</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u> _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY - GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY - OCCUPATIONAL</p>			
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC </p>			
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>			
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 30%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> <td style="width: 40%;"></td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		<p>VIII. STANDARDS AND REGULATIONS</p> <p><input checked="" type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input checked="" type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>			
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>			

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Storage and Retrieval for
IDENTIFICATION: Water Quality Data .CONTACT. Philip L. Taylor PHONE (202) 426-7760
NAME: STORET AGENCY EPA
STREET ADDRESS OWPS CITY Washington STATE DC ZIP

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: STORET is a computerized data base utility maintained by EPA for the storage and retrieval of parametric data relating to the quality of the waterways of the U.S. Distribution of STORET data for 8L92-500 purposes in FY1976 was: 41% title 1, 7% title 2, 29% title 3, 25% title 4, and 3% other. STORET was used by 233 users located in 104 cities over 42 states. There were 12,000 storages and 31,000 retirevals in FY76. There are approximately 40 million observations stored on approximately 2,000 parameters.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input checked="" type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input checked="" type="checkbox"/> PUNCHED CARD <input checked="" type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: 250,000 _____ (# OF RECORDS) ANTICIPATED GROWTH 100-150 _____ (# OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: 400 _____
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SYSTEM INTERACTIONS:

WATSTOR (USGS) WITHIN SYSTEM

OUTSIDE SYSTEM PARTICIPANT

UPGRADE

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>Lab Analysis</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>				
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC </p>				
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>				
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 70%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 70%;"> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 70%;"> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 70%;"> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input checked="" type="checkbox"/> SURFACE</p> <p><input checked="" type="checkbox"/> GROUND</p> <p><input checked="" type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>				
<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>					

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Subject-Content-Oriented Retriever
for Processing Information On-Line

IDENTIFICATION: _____ CONTACT: Mary Lavin PHONE (202) 476-5116
 NAME: SCORPIO AGENCY Library of Congress
 STREET ADDRESS 10 First Street, S.E. CITY Washington STATE D. C. ZIP 20540

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY <input checked="" type="checkbox"/> Reference	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE (some) PROPRIETARY <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: SCORPIO, the popular name for the Subject-Content-Oriented Retriever for Processing Information On-line, is a direct-communication information retrieval system devised by the Computer Applications Office of the Library of Congress. This system is available to the public as well as to members of Congress and their staffs; however, some information files are reserved to Congressional offices.

The files (Collections of information) currently available to SCORPIO users for search purposes are: Legislative Information for the 93rd Congress; Legislative Information for the 94th Congress; Legislative Information for the 95th Congress; Bibliographic Citation; Major Issues; Congressional Record; National Referral Center Resources; Library of Congress Computerized Catalog.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input checked="" type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input checked="" type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: <u>962,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS: WITHIN SYSTEM <u>N/A</u> _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u> _____ _____ _____
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I. SUBSTANCE IDENTIFICATION <input type="checkbox"/> MOLECULAR FORMULA <input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER <input type="checkbox"/> CAS NAME <input type="checkbox"/> IUPAC <input type="checkbox"/> SYNONYMS <input type="checkbox"/> WISWESSER LINE NOTATION <input type="checkbox"/> CHEMICAL STRUCTURE <input type="checkbox"/> CHEMICAL PROPERTIES <input type="checkbox"/> PHYSICAL PROPERTIES <input type="checkbox"/> COMPOSITION <input type="checkbox"/> OTHER _____ _____	V. EPIDEMIOLOGY DATA <input type="checkbox"/> EPIDEMIOLOGY -- GENERAL <input type="checkbox"/> EPIDEMIOLOGY -- OCCUPATIONAL
II. PRODUCTION ASPECTS <input type="checkbox"/> PRODUCTION QUANTITY <input type="checkbox"/> PLANT LOCATION <input type="checkbox"/> PRODUCTION PROCESS <input type="checkbox"/> BYPRODUCTS, IMPURITIES <input type="checkbox"/> CONTROL TECHNOLOGY	VI. BIOLOGICAL EFFECTS <input type="checkbox"/> BIOCHEMICAL STUDIES <input type="checkbox"/> CLINICAL STUDIES <input type="checkbox"/> TOXICOLOGICAL STUDIES <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC
III. MARKETING <input type="checkbox"/> USERS <input type="checkbox"/> USERS (WITH AMOUNTS) <input type="checkbox"/> USES <input type="checkbox"/> USES (WITH AMOUNTS) <input type="checkbox"/> PLACE OF USE <input type="checkbox"/> SUBSTITUTES <input type="checkbox"/> ECONOMIC INFORMATION	VII. ENVIRONMENTAL EFFECTS <input type="checkbox"/> DEGRADATION PRODUCTS <input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE <input type="checkbox"/> ECOLOGICAL EFFECTS <input type="checkbox"/> WEATHER MODIFICATION <input type="checkbox"/> MATERIALS <input type="checkbox"/> BIOACCUMULATION
IV. EXPOSURE OCCUPATIONAL <input type="checkbox"/> WORK FORCE <input type="checkbox"/> OCCUPATIONAL GROUP <input type="checkbox"/> AIR-EMISSIONS <input type="checkbox"/> AIR-WORKPLACE <input type="checkbox"/> WATER ENVIRONMENTAL AIR <input type="checkbox"/> QUALITY <input type="checkbox"/> EMISSIONS WATER <input type="checkbox"/> SURFACE <input type="checkbox"/> GROUND <input type="checkbox"/> MARINE OR <input type="checkbox"/> ESTUARINE <input type="checkbox"/> DRINKING WATER SOIL <input type="checkbox"/> PLANTS <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CONSUMER <input type="checkbox"/> FOOD <input type="checkbox"/> DRUGS <input type="checkbox"/> COSMETICS <input type="checkbox"/> PESTICIDES <input type="checkbox"/> CONSUMER PRODUCTS <input type="checkbox"/> OTHER	VIII. STANDARDS AND REGULATIONS <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> LOCAL <input type="checkbox"/> INTERNATIONAL
	IX. MANAGERIAL/ADMINISTRATIVE <input type="checkbox"/> PROGRAM MANAGEMENT <input type="checkbox"/> FISCAL <input type="checkbox"/> PERSONNEL <input type="checkbox"/> FACILITY <input type="checkbox"/> OTHER

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Supplementary Data System CONTACT: Norman Root PHONE (202) 523-9281
 NAME: _____ AGENCY BLS/DOL
 STREET ADDRESS 200 Constitution Ave., Rm. S4203 CITY Washington STATE DC ZIP 20215

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input checked="" type="checkbox"/> REPORT GENERATION <input checked="" type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: The Supplementary Data System of the BLS collects information from state workman's compensation records by SIC codes. This includes the nature of the injury (part of body and source) and a description of the individual by age, sex, length of service, time on shift and extent of disability. This system is designed to supplement the information collected from manufacturers as a part of the BLS Annual Survey of Injuries and Illnesses.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input checked="" type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1974</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>1,300,000</u> (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>N/A</u>	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u>
_____	_____
_____	_____
_____	_____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER <u>SIC Code</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY - GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY - OCCUPATIONAL</p>																																
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p><input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE</p> <p><input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY</p> <p><input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY</p> <p><input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY</p> <p><input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC</p>																																
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input checked="" type="checkbox"/> WORK FORCE</td> <td>AIR <input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input checked="" type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input type="checkbox"/> AIR-EMISSIONS</td> <td>WATER <input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL <input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS <input type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE <input type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER <input type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input checked="" type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY	<input checked="" type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> EMISSIONS	<input type="checkbox"/> AIR-EMISSIONS	WATER <input type="checkbox"/> SURFACE	<input type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> GROUND	<input type="checkbox"/> WATER	<input type="checkbox"/> MARINE OR ESTUARINE		<input type="checkbox"/> DRINKING WATER		SOIL <input type="checkbox"/>		PLANTS <input type="checkbox"/>		WILDLIFE <input type="checkbox"/>		CONSUMER <input type="checkbox"/> FOOD		<input type="checkbox"/> DRUGS		<input type="checkbox"/> COSMETICS		<input type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																
<input checked="" type="checkbox"/> WORK FORCE	AIR <input type="checkbox"/> QUALITY																																
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	<input type="checkbox"/> OTHER																																
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

Survey of Compounds Which have
 IDENTIFICATION: been Tested for Carcinogenicity CONTACT: Sidney Siegel PHONE 496-5108
 NAME: PHS149 AGENCY NCI/NIH/HEW
 STREET ADDRESS _____ CITY Bethesda STATE MD ZIP 20014

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input checked="" type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: Compounds tested for Carcinogenicity up through 1973 have been entered into
the computer and also released in a hard copy form known as PHS-149. This survey is organized
by chemical and includes a summary of all tests conducted including researcher, strain,
preparation, dose, route, survival rate, duration of the experiment and results.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: _____ to <u>present</u>	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____

I. SUBSTANCE IDENTIFICATION

- ☒ MOLECULAR FORMULA
☒ CHEMICAL ABSTRACTS REGISTRY NUMBER
☒ CAS NAME
☒ IUPAC
☒ SYNONYMS
☒ WISWESSER LINE NOTATION
☒ CHEMICAL STRUCTURE
☐ CHEMICAL PROPERTIES
☐ PHYSICAL PROPERTIES
☐ COMPOSITION
☐ OTHER _____

II. PRODUCTION ASPECTS

- ☐ PRODUCTION QUANTITY
☐ PLANT LOCATION
☐ PRODUCTION PROCESS
☐ BYPRODUCTS, IMPURITIES
☐ CONTROL TECHNOLOGY

III. MARKETING

- ☐ USERS
☐ USERS (WITH AMOUNTS)
☐ USES
☐ USES (WITH AMOUNTS)
☐ PLACE OF USE
☐ SUBSTITUTES
☐ ECONOMIC INFORMATION

IV. EXPOSURE

- OCCUPATIONAL**
☐ WORK FORCE
☐ OCCUPATIONAL GROUP
☐ AIR-EMISSIONS
☐ AIR-WORKPLACE
☐ WATER

ENVIRONMENTAL

- | | |
|-----------------|--|
| AIR | <input type="checkbox"/> QUALITY |
| | <input type="checkbox"/> EMISSIONS |
| WATER | <input type="checkbox"/> SURFACE |
| | <input type="checkbox"/> GROUND |
| | <input type="checkbox"/> MARINE OR ESTUARINE |
| | <input type="checkbox"/> DRINKING WATER |
| SOIL | <input type="checkbox"/> |
| PLANTS | <input type="checkbox"/> |
| WILDLIFE | <input type="checkbox"/> |
| CONSUMER | <input type="checkbox"/> FOOD |
| | <input type="checkbox"/> DRUGS |
| | <input type="checkbox"/> COSMETICS |
| | <input type="checkbox"/> PESTICIDES |
| | <input type="checkbox"/> CONSUMER PRODUCTS |
| | <input type="checkbox"/> OTHER |

V. EPIDEMIOLOGY DATA

- ☐ EPIDEMIOLOGY - GENERAL
☐ EPIDEMIOLOGY - OCCUPATIONAL

VI. BIOLOGICAL EFFECTS

- ☐ BIOCHEMICAL STUDIES
☐ CLINICAL STUDIES
☒ TOXICOLOGICAL STUDIES
☒ RODENTS ☐ ACUTE
☐ WILDLIFE ☒ CARCINOGENICITY
☐ PRIMATES ☐ MUTAGENICITY
☒ IN VITRO ☐ TERATOGENICITY
☒ OTHER ☐ OTHER CHRONIC

VII. ENVIRONMENTAL EFFECTS

- ☐ DEGRADATION PRODUCTS
☐ ENVIRONMENTAL TRANSPORT & FATE
☐ ECOLOGICAL EFFECTS
☐ WEATHER MODIFICATION
☐ MATERIALS
☐ BIOACCUMULATION

VIII. STANDARDS AND REGULATIONS

- ☐ FEDERAL
☐ STATE
☐ LOCAL
☐ INTERNATIONAL

IX. MANAGERIAL/ADMINISTRATIVE

- ☐ PROGRAM MANAGEMENT
☐ FISCAL
☐ PERSONNEL
☐ FACILITY
☐ OTHER

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Technical Data Center CONTACT: Thomas T. Luginbyhl PHONE _____
 NAME: TDC AGENCY: OSHA/DOL
 STREET ADDRESS: 200 Constitution Avenue, N.W. CITY: Washington STATE: D. C. ZIP: 20215

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input checked="" type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
---	--	---	---

SYSTEM CHARACTERIZATION: The OSHA Technical Data Center collects pertinent scientific and technical documentation in all disciplines relating to occupational safety and health to support the standards development activities of OSHA, its emergency action teams, NFP Programs, and training. Disciplines and subjects of interest include Biochemistry, Industrial Toxicology, Pathology, and Analytical Chemistry.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input checked="" type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN-ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1972</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH <u>5,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>20,000</u>
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WITHIN SYSTEM <u>N/A</u>	SYSTEM INTERACTIONS: _____ _____ _____	OUTSIDE SYSTEM PARTICIPANT <u>N/A</u>
------------------------------------	--	---

I. SUBSTANCE IDENTIFICATION

- ☐ MOLECULAR FORMULA
☒ CHEMICAL ABSTRACTS REGISTRY NUMBER
☒ CAS NAME
☐ IUPAC
☒ SYNONYMS
☐ WISWESSER LINE NOTATION
☐ CHEMICAL STRUCTURE
☐ CHEMICAL PROPERTIES
☐ PHYSICAL PROPERTIES
☐ COMPOSITION
☐ OTHER _____

II. PRODUCTION ASPECTS

- ☐ PRODUCTION QUANTITY
☐ PLANT LOCATION
☐ PRODUCTION PROCESS
☐ BYPRODUCTS, IMPURITIES
☐ CONTROL TECHNOLOGY

III. MARKETING

- ☐ USERS
☐ USERS (WITH AMOUNTS)
☐ USES
☐ USES (WITH AMOUNTS)
☐ PLACE OF USE
☐ SUBSTITUTES
☐ ECONOMIC INFORMATION

IV. EXPOSURE

- OCCUPATIONAL
☒ WORK FORCE
☒ OCCUPATIONAL GROUP
☐ AIR-EMISSIONS
☒ AIR-WORKPLACE
☐ WATER

- ENVIRONMENTAL
AIR ☐ QUALITY
☐ EMISSIONS
WATER ☐ SURFACE
☐ GROUND
☐ MARINE OR ESTUARINE
☐ DRINKING WATER
SOIL ☐
PLANTS ☐
WILDLIFE ☐
CONSUMER ☐ FOOD
☐ DRUGS
☐ COSMETICS
☐ PESTICIDES
☐ CONSUMER PRODUCTS
☐ OTHER

V. EPIDEMIOLOGY DATA

- ☒ EPIDEMIOLOGY - GENERAL
☒ EPIDEMIOLOGY - OCCUPATIONAL

VI. BIOLOGICAL EFFECTS

- ☒ BIOCHEMICAL STUDIES
☒ CLINICAL STUDIES
☒ TOXICOLOGICAL STUDIES
☐ RODENTS ☐ ACUTE
☐ WILDLIFE ☐ CARCINOGENICITY
☐ PRIMATES ☐ MUTAGENICITY
☐ IN VITRO ☐ TERATOGENICITY
☐ OTHER ☐ OTHER CHRONIC

VII. ENVIRONMENTAL EFFECTS

- ☐ DEGRADATION PRODUCTS
☐ ENVIRONMENTAL TRANSPORT & FATE
☐ ECOLOGICAL EFFECTS
☐ WEATHER MODIFICATION
☐ MATERIALS
☐ BIOACCUMULATION

VIII. STANDARDS AND REGULATIONS

- ☒ FEDERAL
☐ STATE
☐ LOCAL
☐ INTERNATIONAL

IX. MANAGERIAL/ADMINISTRATIVE

- ☐ PROGRAM MANAGEMENT
☐ FISCAL
☐ PERSONNEL
☐ FACILITY
☐ OTHER

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Thermophysical Properties Research Center CONTACT: _____ PHONE (317) 463-1581
 NAME: _____ AGENCY Purdue University
 STREET ADDRESS 2595 Yeager Road CITY West Lafayette STATE Ind. ZIP 47906

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE PROPRIETARY <input type="checkbox"/> <input type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: This data base contains thermophysical properties on more than 70,000 compounds. Information is available on organics, inorganics, alloys, metals, and food compounds, among others.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: _____ to _____	SIZE OF TOTAL DATA BASE: _____ (#OF RECORDS) ANTICIPATED GROWTH _____ (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>70,000</u>
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WITHIN SYSTEM _____ _____ _____	SYSTEM INTERACTIONS: OUTSIDE SYSTEM PARTICIPANT _____ _____ _____
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="padding-left: 20px;"> <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC </p>		
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 50%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Toxicology Data Bank CONTACT: Melvin Josephs PHONE (301) 496-1131
 NAME: TDB AGENCY NLM/NIH/HEW
 STREET ADDRESS 8600 Rockville Pike CITY Bethesda STATE Maryland ZIP 20014

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input checked="" type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input checked="" type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input checked="" type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The Toxicology Data Bank will provide on-line access to chemical, physical, toxicologic, pharmacologic, use, and manufacturing data on 4000-5000 selected chemicals including drugs. Present data files number about 1000. Chemical selection for inclusion in the TDB is based on two primary criteria: 1) involvement in reasonable exposure level to a population and 2) proven toxicity or suspected deleterious biological effects.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input checked="" type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: _____ to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>1,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>400</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>1,000</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>CHEMLINE (NLM)</u> <u>TOXLINE (NLM)</u> <u>Name-Match (ORNL)</u>	OUTSIDE SYSTEM PARTICIPANT

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input checked="" type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input checked="" type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input checked="" type="checkbox"/> OTHER _____ <u>MeSH headings</u></p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>		
<p>II. PRODUCTION ASPECTS</p> <p><input checked="" type="checkbox"/> PRODUCTION QUANTITY</p> <p><input checked="" type="checkbox"/> PLANT LOCATION</p> <p><input checked="" type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input checked="" type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input checked="" type="checkbox"/> CLINICAL STUDIES</p> <p><input checked="" type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input checked="" type="checkbox"/> RODENTS <input checked="" type="checkbox"/> ACUTE <input checked="" type="checkbox"/> WILDLIFE <input checked="" type="checkbox"/> CARCINOGENICITY <input checked="" type="checkbox"/> PRIMATES <input checked="" type="checkbox"/> MUTAGENICITY <input checked="" type="checkbox"/> IN VITRO <input checked="" type="checkbox"/> TERATOGENICITY <input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/> OTHER CHRONIC </p>		
<p>III. MARKETING</p> <p><input checked="" type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>		
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 50%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <p>AIR</p> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p>WATER</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p>SOIL</p> <p><input type="checkbox"/></p> <p>PLANTS</p> <p><input type="checkbox"/></p> <p>WILDLIFE</p> <p><input type="checkbox"/></p> <p>CONSUMER</p> <p><input checked="" type="checkbox"/> FOOD</p> <p><input checked="" type="checkbox"/> DRUGS</p> <p><input checked="" type="checkbox"/> COSMETICS</p> <p><input checked="" type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>		

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Toxicology Information On-Line CONTACT: Bruno M. Vasta PHONE _____
 NAME: TOXLINE AGENCY: NLM/NIH/HEW
 STREET ADDRESS: 8600 Rockville Pike CITY: Bethesda STATE: MD ZIP: 20014

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY <input checked="" type="checkbox"/> REFERENCE	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input checked="" type="checkbox"/> BOOLEAN SEARCHING <input checked="" type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER _____
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SYSTEM CHARACTERIZATION: TOXLINE is an extensive collection of computerized toxicology information
containing over 380,000 references to published human and animal toxicity studies, effects of
environmental chemicals and pollutants, adverse drug reactions, and analytical methodology.
This rapidly expanding data base, contains full bibliographic citations, almost all with abstracts
and/or indexing terms, and Chemical Abstracts Service (CAS) Registry Numbers, from primary
journals 1971 forward.

MEANS OF ACCESS TO SYSTEM: <input checked="" type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input checked="" type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GEN- ERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) _____ CHRONOLOGICAL COVERAGE: <u>1966</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>450,000</u> (#OF RECORDS) ANTICIPATED GROWTH <u>>250,000</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: _____
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM <u>TOXBACK</u> <u>CAS Chemical-Biological Activities (CBAC)</u> <u>Environmental Mutagen Information Center (EMIC)</u> <u>Toxic Materials Information Center File</u>	OUTSIDE SYSTEM PARTICIPANT _____ _____ _____

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input type="checkbox"/> MOLECULAR FORMULA</p> <p><input checked="" type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input checked="" type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input checked="" type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p> <p>_____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																										
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<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> USES</p> <p><input checked="" type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input checked="" type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input checked="" type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input checked="" type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input checked="" type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input checked="" type="checkbox"/> BIOACCUMULATION</p>																																										
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td>OCCUPATIONAL</td> <td>ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td><input type="checkbox"/> QUALITY</td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-EMISSIONS</td> <td><input checked="" type="checkbox"/> EMISSIONS</td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-WORKPLACE</td> <td><input type="checkbox"/> SURFACE</td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td><input type="checkbox"/> GROUND</td> </tr> <tr> <td></td> <td><input type="checkbox"/> MARINE OR ESTUARINE</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> DRINKING WATER</td> </tr> <tr> <td></td> <td>SOIL</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>PLANTS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>WILDLIFE</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td>CONSUMER</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> FOOD</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> DRUGS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> COSMETICS</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> </tr> <tr> <td></td> <td><input type="checkbox"/> CONSUMER PRODUCTS</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OTHER</td> </tr> </table>	OCCUPATIONAL	ENVIRONMENTAL	<input type="checkbox"/> WORK FORCE	AIR	<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY	<input checked="" type="checkbox"/> AIR-EMISSIONS	<input checked="" type="checkbox"/> EMISSIONS	<input checked="" type="checkbox"/> AIR-WORKPLACE	<input type="checkbox"/> SURFACE	<input type="checkbox"/> WATER	<input type="checkbox"/> GROUND		<input type="checkbox"/> MARINE OR ESTUARINE		<input checked="" type="checkbox"/> DRINKING WATER		SOIL		<input type="checkbox"/>		PLANTS		<input checked="" type="checkbox"/>		WILDLIFE		<input checked="" type="checkbox"/>		CONSUMER		<input checked="" type="checkbox"/> FOOD		<input checked="" type="checkbox"/> DRUGS		<input checked="" type="checkbox"/> COSMETICS		<input checked="" type="checkbox"/> PESTICIDES		<input type="checkbox"/> CONSUMER PRODUCTS		<input type="checkbox"/> OTHER	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
OCCUPATIONAL	ENVIRONMENTAL																																										
<input type="checkbox"/> WORK FORCE	AIR																																										
<input type="checkbox"/> OCCUPATIONAL GROUP	<input type="checkbox"/> QUALITY																																										
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	<input type="checkbox"/> OTHER																																										
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																										

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Toxicology Testing in Progress CONTACT: M. J. Josephs PHONE (301) 496-1131
 NAME: TOX-TIPS AGENCY NLM/NIH/HEW
 STREET ADDRESS 8600 Rockville Pike CITY Bethesda STATE MD ZIP 20014

PURPOSE OF SYSTEM: <input checked="" type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input checked="" type="checkbox"/> SURVEILLANCE & MONITORING <input checked="" type="checkbox"/> PRODUCT REGISTRATION <input checked="" type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input checked="" type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input checked="" type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input checked="" type="checkbox"/> BIBLIOGRAPHIC <input checked="" type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: TOX-TIPS covers all areas of long-term toxicology testing in its Notice of Research Project sheets. In addition, TOX-TIPS carries cumulative indices. Testing is listed by compound, species (strain), route of administration, and duration. Organizations and principal investigators are also indexed. Although emphasis is on current testing activities, retrospective test announcements are accepted for index entry and are used to enrich the Frawley Index made available by Jack Frawley of Hercules, Inc. In addition, investigators may correct or update earlier announcements by contacting the editor.

Such information exchange on plans for long-term testing can lead to an avoidance of duplicate efforts, a more rapid completion of testing of common compounds now in use, a more effective use of the limited toxicological testing facilities currently available, and a lower cost to involved parties.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input checked="" type="checkbox"/> PUBLICATIONS <input type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input type="checkbox"/> OTHER (SPECIFY) CHRONOLOGICAL COVERAGE: <u>1975</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>240</u> (#OF RECORDS) ANTICIPATED GROWTH <u>300</u> (#OF CHEMICALS/YR) NUMBER OF UNIQUE CHEMICALS: <u>240</u>
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WITHIN SYSTEM 	SYSTEM INTERACTIONS: 	OUTSIDE SYSTEM PARTICIPANT <u>SSIE</u> <u>SDC</u>
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<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – GENERAL</p> <p><input checked="" type="checkbox"/> EPIDEMIOLOGY – OCCUPATIONAL</p>																																																																
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<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input checked="" type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>																																																																
<p>IV. EXPOSURE</p> <table border="0"> <tr> <td colspan="2">OCCUPATIONAL</td> <td colspan="2">ENVIRONMENTAL</td> </tr> <tr> <td><input type="checkbox"/> WORK FORCE</td> <td>AIR</td> <td><input checked="" type="checkbox"/> QUALITY</td> <td></td> </tr> <tr> <td><input type="checkbox"/> OCCUPATIONAL GROUP</td> <td></td> <td><input checked="" type="checkbox"/> EMISSIONS</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-EMISSIONS</td> <td>WATER</td> <td><input checked="" type="checkbox"/> SURFACE</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> AIR-WORKPLACE</td> <td></td> <td><input checked="" type="checkbox"/> GROUND</td> <td></td> </tr> <tr> <td><input type="checkbox"/> WATER</td> <td></td> <td><input checked="" type="checkbox"/> MARINE OR ESTUARINE</td> <td></td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> DRINKING WATER</td> <td></td> </tr> <tr> <td></td> <td>SOIL</td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>PLANTS</td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>WILDLIFE</td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>CONSUMER</td> <td><input checked="" type="checkbox"/> FOOD</td> <td></td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> DRUGS</td> <td></td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> COSMETICS</td> <td></td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> PESTICIDES</td> <td></td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> CONSUMER PRODUCTS</td> <td></td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> OTHER</td> <td></td> </tr> </table>	OCCUPATIONAL		ENVIRONMENTAL		<input type="checkbox"/> WORK FORCE	AIR	<input checked="" type="checkbox"/> QUALITY		<input type="checkbox"/> OCCUPATIONAL GROUP		<input checked="" type="checkbox"/> EMISSIONS		<input checked="" type="checkbox"/> AIR-EMISSIONS	WATER	<input checked="" type="checkbox"/> SURFACE		<input checked="" type="checkbox"/> AIR-WORKPLACE		<input checked="" type="checkbox"/> GROUND		<input type="checkbox"/> WATER		<input checked="" type="checkbox"/> MARINE OR ESTUARINE				<input checked="" type="checkbox"/> DRINKING WATER			SOIL	<input checked="" type="checkbox"/>			PLANTS	<input checked="" type="checkbox"/>			WILDLIFE	<input checked="" type="checkbox"/>			CONSUMER	<input checked="" type="checkbox"/> FOOD				<input checked="" type="checkbox"/> DRUGS				<input checked="" type="checkbox"/> COSMETICS				<input checked="" type="checkbox"/> PESTICIDES				<input checked="" type="checkbox"/> CONSUMER PRODUCTS				<input checked="" type="checkbox"/> OTHER		<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
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		<input checked="" type="checkbox"/> OTHER																																																															
	<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>																																																																

EXISTING SOURCES OF TOXIC SUBSTANCES INFORMATION

IDENTIFICATION: Trade Name Ingredient CONTACT: Jeffrey Jaeger PHONE (513) 684-2723
 NAME: TNIC AGENCY NIOSH/CDC/HEW
 STREET ADDRESS 4676 Columbia Parkway CITY Cincinnati STATE Ohio ZIP 45226

PURPOSE OF SYSTEM: <input type="checkbox"/> MANAGEMENT & PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT <input type="checkbox"/> SURVEILLANCE & MONITORING <input type="checkbox"/> PRODUCT REGISTRATION <input type="checkbox"/> LEGAL, LEGISLATIVE OR <input type="checkbox"/> REGULATORY	SYSTEM USERS: <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> IN-HOUSE <input type="checkbox"/> PROPRIETARY <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER GOVERNMENT AGENCIES	TYPE OF DATA IN SYSTEM <input type="checkbox"/> RAW <input type="checkbox"/> ANALYZED <input checked="" type="checkbox"/> SUMMARIZED <input type="checkbox"/> BIBLIOGRAPHIC <input type="checkbox"/> REFERRAL	MANIPULATION OF DATA: <input type="checkbox"/> BOOLEAN SEARCHING <input type="checkbox"/> INDEXING <input type="checkbox"/> REPORT GENERATION <input type="checkbox"/> STATISTICAL <input type="checkbox"/> NEW FILE CREATION <input type="checkbox"/> OTHER
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SYSTEM CHARACTERIZATION: The Trade Name Ingredient Clarification System was developed to contact
manufacturers for the formulation of trademark products found in use in industry during the National
Occupational Hazard Survey (NOHS) to chemically edit the responses and to replace trademark
products in the NOHS data with the product formulations. NIOSH has the authority to conduct
research into occupational safety and health from section 20(a) (1) of the Occupational Health &
Safety Act of 1970, and this system was necessary to complete NOHS. Without the formulations,
employee exposures to chemical substances in trademark products could not have been completely
determined.

The TNIC data contains trade secret formulations. NIOSH has administratively decided to handle
all other formulations as if they were trade secret. The primary users of TNIC data are those
agencies charged with carrying out the Occupational Safety and Health Act of 1970.

MEANS OF ACCESS TO SYSTEM: <input type="checkbox"/> DIAL UP TO COMPUTER <input type="checkbox"/> COMPUTER TO COMPUTER <input type="checkbox"/> ON-LINE INTERACTIVE TERMINALS <input checked="" type="checkbox"/> REMOTE JOB ENTRY <input type="checkbox"/> MANUAL	OUTPUT MEDIA: <input type="checkbox"/> PUBLICATIONS <input checked="" type="checkbox"/> COMPUTER PRINTOUT <input type="checkbox"/> MAGNETIC TAPE <input type="checkbox"/> MICROFICHE <input type="checkbox"/> MICROFILM <input type="checkbox"/> PUNCHED CARD <input type="checkbox"/> COMPUTER GENERATED GRAPHICS	FILE UPDATE FREQUENCY: <input type="checkbox"/> ON-LINE <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> OTHER (SPECIFY) <u>as necessary</u> CHRONOLOGICAL COVERAGE: <u>1972</u> to <u>present</u>	SIZE OF TOTAL DATA BASE: <u>(#OF RECORDS)</u> ANTICIPATED GROWTH <u>(#OF CHEMICALS/YR)</u> NUMBER OF UNIQUE CHEMICALS: <u>88,000</u>
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SYSTEM INTERACTIONS:	
WITHIN SYSTEM Exposure Dictionary for NOHS	OUTSIDE SYSTEM PARTICIPANT NOHS

<p>I. SUBSTANCE IDENTIFICATION</p> <p><input checked="" type="checkbox"/> MOLECULAR FORMULA</p> <p><input type="checkbox"/> CHEMICAL ABSTRACTS REGISTRY NUMBER</p> <p><input type="checkbox"/> CAS NAME</p> <p><input type="checkbox"/> IUPAC</p> <p><input checked="" type="checkbox"/> SYNONYMS</p> <p><input type="checkbox"/> WISWESSER LINE NOTATION</p> <p><input type="checkbox"/> CHEMICAL STRUCTURE</p> <p><input type="checkbox"/> CHEMICAL PROPERTIES</p> <p><input type="checkbox"/> PHYSICAL PROPERTIES</p> <p><input checked="" type="checkbox"/> COMPOSITION</p> <p><input type="checkbox"/> OTHER: _____</p>	<p>V. EPIDEMIOLOGY DATA</p> <p><input type="checkbox"/> EPIDEMIOLOGY -- GENERAL</p> <p><input type="checkbox"/> EPIDEMIOLOGY -- OCCUPATIONAL</p>				
<p>II. PRODUCTION ASPECTS</p> <p><input type="checkbox"/> PRODUCTION QUANTITY</p> <p><input type="checkbox"/> PLANT LOCATION</p> <p><input type="checkbox"/> PRODUCTION PROCESS</p> <p><input type="checkbox"/> BYPRODUCTS, IMPURITIES</p> <p><input type="checkbox"/> CONTROL TECHNOLOGY</p> <p><input checked="" type="checkbox"/> manufacturer</p>	<p>VI. BIOLOGICAL EFFECTS</p> <p><input type="checkbox"/> BIOCHEMICAL STUDIES</p> <p><input type="checkbox"/> CLINICAL STUDIES</p> <p><input type="checkbox"/> TOXICOLOGICAL STUDIES</p> <p style="margin-left: 20px;"> <input type="checkbox"/> RODENTS <input type="checkbox"/> ACUTE <input type="checkbox"/> WILDLIFE <input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> PRIMATES <input type="checkbox"/> MUTAGENICITY <input type="checkbox"/> IN VITRO <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER CHRONIC </p>				
<p>III. MARKETING</p> <p><input type="checkbox"/> USERS</p> <p><input type="checkbox"/> USERS (WITH AMOUNTS)</p> <p><input type="checkbox"/> USES</p> <p><input type="checkbox"/> USES (WITH AMOUNTS)</p> <p><input type="checkbox"/> PLACE OF USE</p> <p><input type="checkbox"/> SUBSTITUTES</p> <p><input type="checkbox"/> ECONOMIC INFORMATION</p>	<p>VII. ENVIRONMENTAL EFFECTS</p> <p><input type="checkbox"/> DEGRADATION PRODUCTS</p> <p><input type="checkbox"/> ENVIRONMENTAL TRANSPORT & FATE</p> <p><input type="checkbox"/> ECOLOGICAL EFFECTS</p> <p><input type="checkbox"/> WEATHER MODIFICATION</p> <p><input type="checkbox"/> MATERIALS</p> <p><input type="checkbox"/> BIOACCUMULATION</p>				
<p>IV. EXPOSURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p> </td> <td style="width: 70%; vertical-align: top;"> <p>ENVIRONMENTAL</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 70%; vertical-align: top;"> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table> </td> </tr> </table>	<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 70%; vertical-align: top;"> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>	<p>VIII. STANDARDS AND REGULATIONS</p> <p><input type="checkbox"/> FEDERAL</p> <p><input type="checkbox"/> STATE</p> <p><input type="checkbox"/> LOCAL</p> <p><input type="checkbox"/> INTERNATIONAL</p>
<p>OCCUPATIONAL</p> <p><input type="checkbox"/> WORK FORCE</p> <p><input type="checkbox"/> OCCUPATIONAL GROUP</p> <p><input type="checkbox"/> AIR-EMISSIONS</p> <p><input type="checkbox"/> AIR-WORKPLACE</p> <p><input type="checkbox"/> WATER</p>	<p>ENVIRONMENTAL</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p> </td> <td style="width: 70%; vertical-align: top;"> <p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p> </td> </tr> </table>	<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>		
<p>AIR</p> <p>WATER</p> <p>SOIL</p> <p>PLANTS</p> <p>WILDLIFE</p> <p>CONSUMER</p>	<p><input type="checkbox"/> QUALITY</p> <p><input type="checkbox"/> EMISSIONS</p> <p><input type="checkbox"/> SURFACE</p> <p><input type="checkbox"/> GROUND</p> <p><input type="checkbox"/> MARINE OR ESTUARINE</p> <p><input type="checkbox"/> DRINKING WATER</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> FOOD</p> <p><input type="checkbox"/> DRUGS</p> <p><input type="checkbox"/> COSMETICS</p> <p><input type="checkbox"/> PESTICIDES</p> <p><input type="checkbox"/> CONSUMER PRODUCTS</p> <p><input type="checkbox"/> OTHER</p>				
<p>IX. MANAGERIAL/ADMINISTRATIVE</p> <p><input type="checkbox"/> PROGRAM MANAGEMENT</p> <p><input type="checkbox"/> FISCAL</p> <p><input type="checkbox"/> PERSONNEL</p> <p><input type="checkbox"/> FACILITY</p> <p><input type="checkbox"/> OTHER</p>					