United States
Environmental Protection
Agency

Office of
Toxic Substances
Washington DC 20460

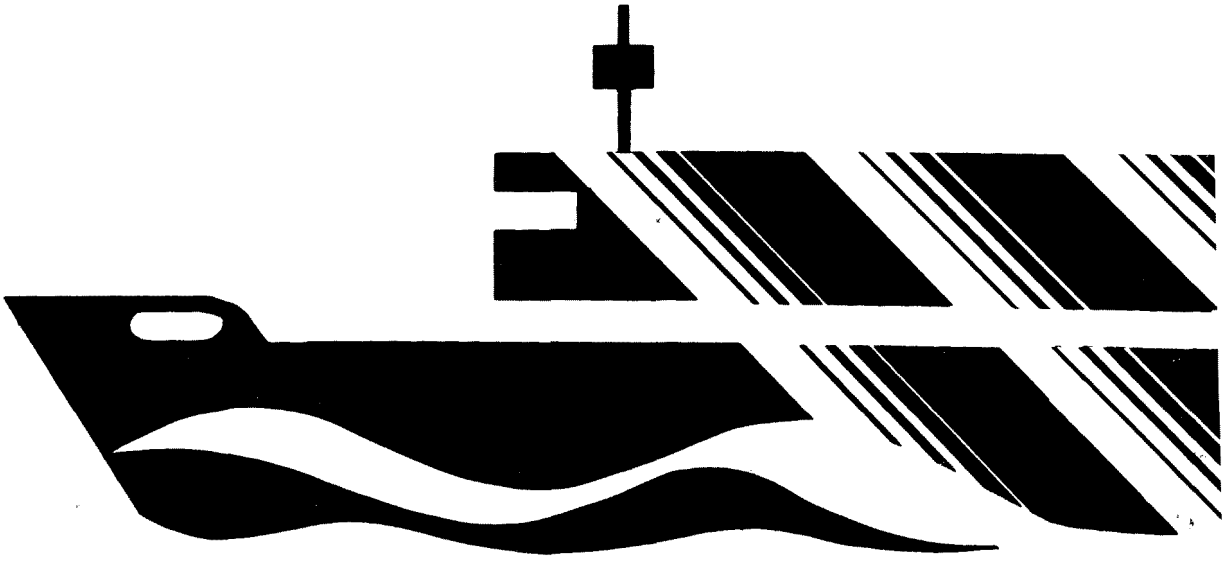
February 1984

EPA

Toxic Substances Control Act

A Guide for Chemical Importers/Exporters

Volume 2: List of Import/Export Chemicals



This five-part volume supplements the overview of import/export regulations in Volume 1. It provides a listing of chemical substances that are subject to section 12(b), Exports, and section 13, Imports, of the Toxic Substances Control Act (TSCA). It also provides excerpts and key points of each applicable rule, as well as Federal Register citations of specific rulemaking actions applicable to each of the chemicals listed. Each chemical substance (subject to TSCA regulations) that is imported into the United States must be listed on the TSCA Inventory of Chemical Substances.

Part I covers chemicals that are subject to specific final regulations under sections 5 and 6 of TSCA.

Part II lists chemicals addressed by proposed regulations under sections 5 and 6 of TSCA.

Part III covers chemicals subject to proposed and final rules under sections 4 and 8 of TSCA.

Part IV covers chemicals that require export notification to EPA under section 12(b).

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PART I

CHEMICALS SUBJECT TO SPECIFIC FINAL REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

NOTE: The following import certification is required for the chemicals listed:

"I certify that all chemical substances in this shipment comply with all applicable rules or orders under TSCA and that I am not offering a chemical substance for entry in violation of TSCA or any applicable rule or order under TSCA."

CHEMICALS SUBJECT TO SPECIFIC FINAL REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Chlorofluorocarbons: Methane, bromochloro-, 74-97-5; methane, chlorodifluoro, 75-45-6; methane, trichlorofluoro, 75-69-4; methane, dichlorodifluoro, 75-71-8; methane, chlorotrifluoro, 75-72-9; ethane, 1,2-dichloro-1,1,2,2-tetrafluoro, 76-14-2; ethane, chloropentafluoro, 76-15-3; methane, bromochlorodifluoro, 353-59-3.	43 FR 11318 March 17, 1978 Parts 712, 762 Final Rule - Section 6	This rule prohibits almost all of the manufacture, processing, and distribution in commerce of fully halogenated chlorofluoroalkanes (hereinafter referred to as chlorofluorocarbons) for those aerosol propellant uses which are subject to the Toxic Substances Control Act (TSCA), 15 U.S.C. 2601 et seq. The four most significant categories of essential uses considered by EPA were pesticides, products used by the Department of Defense (DOD), uses in the electronics/electrical industries, and uses in the aviation industry. For the reasons described in the essential use document, only a few pesticide uses were granted exemptions. DOD uses are covered by a Memorandum of Understanding between EPA and DOD which is publicly available. Under its terms DOD will be able to use only those products necessary to maintain the military preparedness of the United States. DOD will switch to alternative products where they exist. Electronic/electrical uses and aviation uses are broad categories.
Polycarboxylic acid; and polycarboxylic acid, alkanolamine salt-prohibition of use with nitrites in metalworking fluids	49 FR 2762 January 23, 1984 40 CFR Part 747 Immediately effective Proposed Rule - Section 5(f)	EPA is proposing a rule under section 6(a) of the Toxic Substances Control Act (TSCA), which is effective immediately under section 5(f)(2) of TSCA. The proposed rule will remain in effect until EPA promulgates a final rule. The rule

CHEMICALS SUBJECT TO SPECIFIC FINAL REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
		(Continued) prohibits the addition of nitrosating agents such as nitrites, to the chemical substance known generically as the triethanolamine salt of tricarboxylic acid (subject of PMN P-83-1005) when it is or could be used as or in metalworking fluids. The rule also requires distributors of the substance to notify customers of the restrictions of the rule through letters sent prior to shipment of the substance and to notify machine shop workers of the health hazard through labels on metalworking fluids containing the substance. In addition, the rule requires distributors of tricarboxylic acid (subject of PMN P-83-1062), which, when combined with water and triethanolamine, produces the triethanolamine salt of tricarboxylic acid, to notify customers of the restrictions of the rule through letters sent prior to shipment of the substance. EPA believes that the unrestricted distribution in commerce of both substances and the unrestricted processing and use of the triethanolamine salt of tricarboxylic acid in combination with nitrosating agents, such as nitrites, will present an unreasonable risk of injury to human health before a final rule can be promulgated under section 6 of TSCA to protect against this risk. The Agency is also initiating a regulatory investigation into the potential human health risk posed by exposure to nitrosamines in metalworking fluids generally. EPA is

CHEMICALS SUBJECT TO SPECIFIC FINAL REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
		(Continued) soliciting data and information through this notice on several matters pertinent to this regulatory investigation. The exact chemical substance identity has been claimed to be confidential.
Polychlorinated biphenyls (criteria modifications); 1,1'biphenyl, chlorinated, 1336-36-3*	44 FR 31514 May 31, 1979 40 CFR Part 761 Final Rule - Section 6	This rule prohibits the manufacture, processing, distribution in commerce, and use of polychlorinated biphenyls (PCBs). Specifically, this rule: (1) Prohibits all manufacturing of PCBs after July 2, 1979 unless specifically exempted by the Environmental Protection Agency (EPA); (2) Prohibits the processing, distribution in commerce, and use of PCBs except in a totally enclosed manner after July 2, 1979; (3) Authorizes certain processing, distribution in commerce, and use of PCBs in a non-totally enclosed manner (which would otherwise be subject to the prohibition described above); (4) Prohibits all processing and distribution in commerce of PCBs after July 1, 1979, unless specifically exempted by EPA.

*Chemical Abstract Service (CAS) numbers followed by an asterisk are taken from the TSCA Inventory of Chemical Substances and appear only in that inventory.

CHEMICALS SUBJECT TO SPECIFIC FINAL REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Polychlorinated biphenyls (for use in electrical equipment) 1336-36-3*	47 FR 37342 August 25, 1982 40 CFR Part 761 Final Rule - Section 6	This rule authorizes the use of PCBs in capacitors and the use and servicing of PCBs in electromagnets, circuit breakers, voltage regulators, reclosers, cable, switches (including sectionalizers and motor starters), and transformers other than railroad transformers. It also provides for the distribution in commerce and disposal of this electrical equipment.
Polychlorinated biphenyls (closed and controlled waste manufacturing) 1336-36-3*	47 FR 46980 October 21, 1982 40 CFR Part 761 Final Rule - Section 6	This final rule amends portions of an existing EPA rule concerning certain chemical substances known as polychlorinated biphenyls (PCBs). The Toxic Substances Control Act (TSCA), 15 U.S.C. 2605(e), generally prohibits the manufacture, processing, distribution in commerce, and use of PCBs. This rule excludes PCBs produced in certain limited manufacturing processes from the TSCA prohibitions.
Polychlorinated biphenyls (railroad transformers) 1336-36-3*	48 FR 124 January 3, 1983 40 CFR Part 761 Final Rule - Section 6	On May 31, 1979, EPA promulgated a rule under section 6(e) of the Toxic Substances Control Act (TSCA) that authorizes the use of polychlorinated biphenyls (PCBs) in railroad transformers until July 1, 1984. Under this authorization, these transformers may not contain dielectric fluids with a PCB concentration exceeding 60,000 parts per million (ppm) (6 percent) after January 1, 1982, and exceeding 1,000 ppm (0.1 percent) after January 1, 1984. This rule amends the use authorization by: (1) Requiring these railroad organizations to meet the 60,000 ppm concentration level by July 1, 1986; and (2)

CHEMICALS SUBJECT TO SPECIFIC FINAL REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
		(Continued) authorizing the use of PCBs for the remaining useful life of these transformers at concentrations below 1,000 ppm. Finally, EPA is also amending the May 1979 rule to permit railroad organizations to service these transformers to reduce PCB concentrations and thereby to reduce the costs of disposal.
Tetrachlorodi-benzo-p-Dioxin, 1746-01-6	45 FR 32677 May 19, 1980 40 CFR Part 775 Final Rule - Section 6	This rule prohibits the Vertac Chemical Company (Vertac) of Memphis, Tennessee, from disposing of certain wastes containing 2,3,7, 8-Tetrachlorodibenzo-p-dioxin (TCDD) at its Jacksonville, Arkansas, facility and requires other persons intending to dispose of TCDD containing wastes to notify EPA sixty days in advance of such disposal. This rule also requires all persons who intend to dispose of any wastes resulting from the production of 2,4,5-TCP (2,4,5-Trichlorophenol) or its pesticide derivatives or from production of other substances on equipment which was previously used for production of 2,4,5-TCP or its pesticide derivatives to notify EPA of such intent at least sixty days before the disposal.

PART II

CHEMICALS SUBJECT TO PROPOSED REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

NOTE: The following import certification is required for the chemicals listed:

"I certify that all chemical substances in this shipment comply with all applicable rules or orders under TSCA and that I am not offering a chemical substance for entry in violation of TSCA or any applicable rule or order under TSCA."

NOTE: Because these are proposed rules, importers are not yet subject to them. However, they are included here to alert importers to the fact that these chemicals are likely to become subject to final regulations. At that time, the importer would be required to ensure compliance with the final regulation before importing the chemical and before signing the section 13 certification. (Note, however, that these chemicals are already subject to section 12(b) export notification requirements.)

For further information on the current status of these regulations, contact the TSCA Assistance Office toll-free at 800-424-9065.

CHEMICALS SUBJECT TO PROPOSED REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
8-Acetyl-3-Dodecyl-7,7,9,9-Tetramethyl-1,3,8-Triaza-spiro [4,5] Decane-2,4-dione, 82537-67-5	49 FR 1753 January 13, 1984 40 CFR Part 721 Proposed Rule - Section 5(a)	EPA is proposing a significant new use rule (SNUR) under section 5(a)(2) of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2604(a)(2), which would require persons to notify EPA at least 90 days before manufacturing, importing, or processing a substance for a "significant new use." This SNUR applies to a chemical substance that was the subject of premanufacture notice (PMN) P83-370 and a section 5(e) Consent Order issued by EPA. EPA is proposing to define as new uses: any manufacture of the substance within the United States; processing the substance without certain personal protective equipment; or any distribution of the substance without a precautionary label statement specifying proper handling procedures affixed to all containers of the substance. These new uses were not allowed under the Consent 5(e) order. The Agency is concerned that this substance may present an unreasonable risk to human health if these defined new uses occur.
1,2 Benzenediamine, 4-ethoxy, sulfate, 85137-09-3	48 FR 39245 40 CFR Part 721 August 30, 1983 Proposed Rule - Section 5(a)	See potassium N,N-Bis (hydroxyethyl) cocoamine oxide phosphate

CHEMICALS SUBJECT TO PROPOSED REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
1,3-Butadiene, 106-99-0 Note: This chemical is included in part II because accelerated review could result in potential regulatory action under section 6.	49 FR 845 January 5, 1984 Notice, Initiation of Accelerated Review - Section 4(f)	This notice announces initiation of a 180-day review of 1,3-butadiene under section 4(f) of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2803. Information relevant to this review may be submitted to EPA and will receive consideration in the Agency's determination whether to initiate appropriate action to prevent or reduce risk from the chemical or to find that the risk is not unreasonable. Information for review must be submitted on or before March 5, 1984.
Chlorinated naphthalenes: naphthalene, 1-chloro-, 90-13-1 naphthalene, trichloro-, 1321-65-9; naphthalene, pentachloro-, 1321-64-8; naphthalene, hexachloro-, 1335-87-1; naphthalene, tetrachloro-, 1335-88-2; naphthalene, octachloro-, 2234-13-1; napthalene, dichloro-, 28699-88-9.	48 FR 20668 May 6, 1983 40 CFR Part 721 Proposed Rule - Section 5(a)	This rule would require persons to notify EPA at least 90 days before manufacturing or importing chlorinated naphthalenes (CNs) for "significant new uses" as defined in the rule. The category of CNs includes all individual monochloronaphthalenes through octachloronaphthalene isomers and mixtures of two or more chlorinated naphthalenes that are on the TSCA Inventory of Chemical Substances in Commerce. Manufacture or importation of CNs not on the Inventory would require submission of a premanufacture notice under section 5(a) of TSCA.

CHEMICALS SUBJECT TO PROPOSED REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Dicarboxylic acid monoester	49 FR 82 January 3, 1984 40 CFR Part 721 Proposed Rule - Section 5(a)	EPA is proposing a significant new use rule (SNUR) under section 5(a)(2) of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2604(a)(2), which would require persons to notify EPA at least 90 days before manufacturing, importing, or processing a substance for a "significant new use." EPA is proposing that the following be designated as significant new uses of dicarboxylic acid monoester (generic name): (1) Manufacture in the United States; (2) processing without certain personal protective equipment; and (3) distribution without certain label statements. This substance was the subject of premanufacture notice (PMN) P83-255 and a TSCA section 5(e) Consent Order issued by EPA. The Agency is concerned that this chemical substance may present unreasonable risks to human health if the defined new uses occur. These new uses were not allowed under the section 5(e) Consent Order. The exact chemical substance identity has been claimed to be confidential.
Ethylamine, distillation residues	48 FR 28502 August 24, 1983 40 CFR Part 721 Proposed Rule - Section 5(a)	See potassium N,N-Bis (hydroxyethyl) cocoamine oxide phosphate

CHEMICALS SUBJECT TO PROPOSED REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Isopropylamine, distillation residues	48 FR 28502 40 CFR Part 721 August 24, 1983 Proposed Rule - Section 5(a)	See potassium N,N-Bis (hydroxyethyl) cocoamine oxide phosphate
4,4'-Methylene bis (2-chloroaniline) (MBOCA), 101-14-4	48 FR 22954 May 23, 1983 40 CFR Part 764 Advanced Notice of proposed rulemaking - Section 6	EPA is announcing its intention to consider proposing regulation of this chemical under TSCA.
4,4'-Methylenedianiline, 101-77-9	48 FR 42898 September 20, 1983 40 CFR Part 764 Advanced notice of proposed rulemaking - Section 6	Joint effort by EPA and OSHA to regulate exposure to chemical.
Methylpyridine, Substituted	48 FR 99 January 3, 1983 40 CFR Part 721 Proposed Rule - Section 5(a)	EPA is proposing a Significant New Use Rule (SNUR) under section 5(a)(2) of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2604(a)(2), which would require persons to notify EPA at least 90 days before manufacturing, importing, or processing five substances for a "significant new use." EPA is proposing that for the five generically named substances, manufacture or processing without certain personal protective equipment be designated as a significant new use. The five substances were the subjects of Premanufacture Notices (PMNs) P83-23 (substituted 2-phenoxypyridine), P83-24 (substituted methylpyridine), P83-49

CHEMICALS SUBJECT TO PROPOSED REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
		(Continued) (substituted methylpyridine), P83-75 (substituted 2-phenoxypyridine), and P83-272 (substituted methylpyridine) and a TSCA section 5(e) Consent Order issued by EPA. The Agency is concerned that these substances may present unreasonable risks of injury to human health if the defined new uses occur. These new uses were not allowed under the section 5(e) Consent Order. The exact chemical substance identity has been claimed to be confidential.
Methylpyridine, substituted	49 FR 4390 February 6, 1984 40 CFR Part 721 Proposed Rule - Section 5	EPA is proposing a Significant New Use Rule (SNUR) under section 5(a)(2) of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2604(a)(2), to require persons to notify EPA at least 90 days before manufacturing, importing, or processing a substance for a "significant new use." This SNUR covers two substituted methylpyridines and a substituted 2-phenoxypyridine, which were the subject of premanufacture notices (PMNs) P-82-326, P-83-237, and P-83-330 respectively. EPA is proposing that manufacture or processing without using certain protective equipment be designated as a "significant new use" of each of the substances. EPA is also proposing that any release to navigable waters from

CHEMICALS SUBJECT TO PROPOSED REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
		(Continued) manufacturing or processing operations of PMN substance P-82-326 be a "significant new use." EPA believes this rule is necessary to alert the Agency to increased risk.
Phenoxypyridine, substituted	49 FR 4390 February 6, 1984 40 CFR Part 721 Proposed Rule-Section 5	EPA is proposing a Significant New Use Rule (SNUR) under section 5(a)(2) of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2604(a)(2), to require persons to notify EPA at least 90 days before manufacturing, importing, or processing a substance for a "significant new use." This SNUR covers two substituted methylpyridines and a substituted 2-phenoxypyridine, which were the subject of premanufacture notices (PMNs) P-82-326, P-83-237, and P-83-330 respectively. EPA is proposing that manufacture or processing without using certain protective equipment be designated as a "significant new use" of each of the substances. EPA is also proposing that any release to navigable waters from manufacturing or processing operations of PMN substance P-82-326 be a "significant new use." EPA believes this rule is necessary to alert the Agency to increased risk.

CHEMICALS SUBJECT TO PROPOSED REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Polycarboxylic acid; and polycarboxylic acid, alkanolamine salt- prohibition of use with nitrites in metalworking fluids	49 FR 2762 January 23, 1984 40 CFR Part 747 Immediately effective Proposed Rule - Section 5(f)	EPA is proposing a rule under section 6(a) of the Toxic Substances Control Act (TSCA), which is effective immediately under section 5(f)(2) of TSCA. The proposed rule will remain in effect until EPA promulgates a final rule. The rule prohibits the addition of nitrosating agents such as nitrites, to the chemical subtance known generically as the triethanolamine salt of tricarboxylic acid (subject of PMN P-83-1005) when it is or could be used as or in metalworking fluids. The rule also requires distributors of the substance to notify customers of the restrictions of the rule through letters sent prior to shipment of the substance and to notify machine shop workers of the health hazard through labels on metalworking fluids containing the substance. In addition, the rule requires distributors of tricarboxylic acid (subject of PMN P-83-1062), which, when combined with water and triethanolamine, produces the triethanolamine salt of tricarboxylic acid, to notify customers of the restrictions of the rule through letters sent prior to shipment of the substance. EPA believes that the unrestricted distribution in commerce of both substances and the unrestricted processing and use of the triethanolamine salt of tricarboxylic acid in

CHEMICALS SUBJECT TO PROPOSED REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
		(Continued) combination with nitrosating agents, such as nitrites, will present an unreasonable risk of injury to human health before a final rule can be promulgated under section 6 of TSCA to protect against this risk. The Agency is also initiating a regulatory investigation into the potential human health risk posed by exposure to nitrosamines in metalworking fluids generally. EPA is soliciting data and information through this notice on several matters pertinent to this regulatory investigation. The exact chemical substance identity has been claimed to be confidential.
2-phenoxypyridine, substituted	48 FR 99 January 3, 1983 40 CFR Part 721 Proposed Rule - Section 5(a)	See methylpyridine, substituted.
Polyglycidol benzeneamine, substituted	48 FR 57440 December 29, 1983 40 CFR Part 721 Proposed Rule - Section 5(a)	EPA is proposing a Significant New Use Rule (SNUR) under section 5(a)(2) of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2604(a)(2), to require persons to notify EPA at least 90 days before manufacturing, importing, or processing a substance for a "significant new use." Under section 5(a)(2), EPA is proposing that

CHEMICALS SUBJECT TO PROPOSED REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
		(Continued) manufacture or processing without protective equipment and warnings to workers, distribution without certain labeling, and use in spray applications be designated as a "significant new use" of the substance known generically as substituted polyglycidyl benzeneamine. The substance was the subject of premanufacture notice (PMN) P-83-394. EPA believes that the new uses defined in the proposed rule may present a risk to health. The exact chemical substance identity has been claimed to be confidential.
Potassium N,N-Bis (hydroxy-ethyl) cocoamine oxide phosphate, 85712-26-1	48 FR 7142 February 17, 1983 40 CFR Part 721 Proposed Rule - Section 5(a)	This rule would require persons to notify EPA at least 90 days before manufacturing, importing, or processing two substances for a "significant new use." EPA is proposing that consumer uses of potassium N,N-bis (hydroxy-ethyl) cocoamine oxide phosphate and potassium N,N-bis (hydroxyethyl) tallowamine oxide phosphate be designated as a "significant new use." The two substances were the subject of premanufacture notices (PMNs) P-82-400 and P-82-409.
Potassium N, N-Bis (hydroxy-ethyl) tallow-amine oxide phosphate, 85712-27-2	48 FR 7142 February 17, 1983 40 CFR Part 721 Proposed Rule - Section 5(a)	See potassium N,N-Bis (hydroxy-ethyl) cocoamine oxide phosphate.

CHEMICALS SUBJECT TO PROPOSED REGULATIONS UNDER SECTIONS 5 AND 6 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Tetrachloroethylene, derivative	49 FR 91 January 3, 1984 40 CFR Part 721 Proposed Rule - Section 5(a)	EPA is proposing a Significant New Use Rule (SNUR) under section 5(a)(2) of the Toxic Substances Control Act: (TSCA), 15 U.S.C. 2604(a)(2), which would require persons to notify EPA at least 90 days before manufacturing, importing, or processing a substance for a "significant new use." EPA is proposing that certain uses of a substance known generically as a derivative of tetrachloroethylene be designated as significant new uses. The substance was the subject of premanufacture notice (PMN) P-82-664 and a TSCA section 5(e) Consent Order issued by EPA. The Agency is concerned that this substance may present an unreasonable risk of injury to human health if the defined new uses occur. The exact chemical substance identity has been claimed to be confidential.

PART III

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES UNDER SECTIONS 4 AND 8 OF TSCA

NOTE: The following import certification is required for the chemicals listed:

"I certify that all chemical substances in this shipment comply with all applicable rules or orders under TSCA and that I am not offering a chemical substance for entry in violation of TSCA or any applicable rule or order under TSCA."

NOTE: Since TSCA defines importers as manufacturers, importers may be subject to rules such as testing requirements under section 4 and reporting requirements under section 8. However, because such rules do not apply to individual chemical shipments, and because compliance with such rules may be a lengthy procedure, importation would not depend on the importer's satisfaction of section 4 and section 8 requirements.

However, if a section 4 rule requires testing or a section 8 rule requires reporting to EPA before the import of a specified chemical, any importer of that chemical should ensure that the required notification has been completed before certifying that a shipment containing the chemical complies with TSCA.

Final section 4 rules trigger export notification requirements under section 12(b) of TSCA.

Proposed rules are included in this listing to alert importers and exporters that final rules are likely to be issued on these chemicals in the future, and that importers and exporters will be required to comply with them.

NOTE: *Chemical Abstract Service (CAS) numbers followed by an asterisk are taken from the TSCA Inventory of Chemical Substances and appear only in that inventory.

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)]tris-triisooctyl ester, 25852-70-4	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	EPA proposes to add chemicals designated or recommended for testing consideration in the Eleventh Report of the Interagency Testing Committee (ITC) to the Preliminary Assessment Information rule. The rule requires manufacturers of these chemicals to complete the Preliminary Assessment Information Manufacturer's Report (EPA Form 7710-35). EPA will use the information submitted to evaluate risks associated with the chemicals, as well as to determine whether the chemicals should be included in testing rules issued under section 4 of the Toxic Substances Control Act (TSCA).
Acetic acid, 2,2'-[(dibutylstannylene)bis(thio)] bis-diisooctyl ester, 25168-24-5	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne) tris (thio)]tris-triisooctyl ester
Acetic acid, 2,2'-[(dimethylstannylene)bis(thio)] bis-diisooctyl ester, 26636-01-1	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)] tris-triisooctyl ester
Acetic acid, 2,2'-2"-[(methylstannylidyne)tris (thio)]tris-triisooctyl ester, 54849-38-6	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)] tris-triisooctyl ester

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Acetonitrile, 75-05-8	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	This rule requires the submission of unpublished health and safety studies on specifically listed chemicals by chemical manufacturers, processors, and others in possession of such studies. The obligation to submit a list of health and safety studies extends for three years after October 4, 1982, the effective date of this rule.
Acrylamide, 79-06-1	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Alkyltin Compounds; Dibutyltin dilaurate, 77-58-7; Dibutyltin bis(lauryl mercaptide), 1185-81-5; Dibutyltin bis(isoocytl maleate), 25168-21-2; Dibutyltin S,S'-bis(isoocytl mercaptoacetate, 25168-24-5; Di-methyltin S,S'-bis(isoocytl mercaptoacetate, 26636-01-1; Monobutyltin tris(isooctyl mercaptoacetate 54849-38-6	47 FR 54624 December 3, 1982 40 CFR Part 716 Final Rule - Section 8(d)	This amendment adds chemicals to the list of chemical substances and mixtures for which lists and copies of unpublished health and safety studies must be submitted under 40 CFR Part 716 Subpart A, the regulation implementing section 8(d) of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2607(d). The chemical substances added were recommended for testing by the Interagency Testing Committee (ITC) in their Eleventh Report to EPA and designated for priority consideration by EPA within one year. The obligation to submit a list of health and safety studies extends for three years after January 3, 1983, the effective date of this rule.

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Alkyl Epoxides (Including all noncyclic aliphatic hydrocarbons with one or more epoxy functional groups): oxirane, 75-21-8; oxirane, methyl-, 75-56-9; oxirane, ethyl-, 106-88-7; oxirane, 2,2-dimethyl-, 558-30-5; oxirane, ethenyl-, 930-22-3; 2,2'-bioxirane, 1464-53-5; oxirane, dodecyl-, 2234-28-4; oxirane, octyl-, 2404-44-6; oxirane, decyl-, 2855-19-8; oxirane, 2,3-dimethyl-, 3266-23-7; oxirane, tetradecyl, 7320-37-8; oxirane, hexadecyl, 7390-81-0; oxirane, tridecyl-, 18633-25-5; oxirane, pentadecyl-, 22092-38-2; oxirane, heptadecyl-, 67860-04-2.	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Alkyl Epoxides (Including those alkyl epoxides on the Toxic Substances Control Act Chemical Substances Inventory other than ethylene oxide, propylene oxide, and 1,2-butylene oxide, which are addressed in other Federal Register notices.): Short-Chain Isobutylene Oxide 558-30-5 1,2,3,4-Diepoxybutane 1464-53-5; 2,3-Epoxybutane 3266-23-7; Long-Chain 1,2-Epoxypentadecane 18633-25-5 1,2-Epoxyheptadecane 22082-38-2 1,2-Epoxydecane 2404-44-6 1,2-Epoxydodecane 2855-19-5 1,2-Epoxytetradecane 3234-28-4 1,2-Epoxynonadecane 67860-04-2	49 FR 449 January 4, 1984 40 CFR Part 799 Advance notice of proposed rulemaking - Section 4(e)	This notice is the EPA's response to the Interagency Testing Committee's (ITC) designation of the chemical category "alkyl epoxides" and its recommendation that the alkyl epoxides be considered for health effects and chemical fate testing.

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Alkyl phthalates, all alkyl esters of 1,2-benzene dicarboxylic acid (orthophthalic acid): 1,2-Benzenedicarbooxylic acid, di cyclohexyl ester, 84-61-7; 1,2-Benzenedicarbolic acid, butylcyclohexyl ester, 84-64-0; 1,2-Epoxyhexadecane 7320-37-6; 1,2-Epoxyoctadecane 7390-81-0; 1,2-Benzenedicarboxylic acid, bis(2-methyl propyl ester, 84-69-5; 1,2-Benzenedicarboxylic acid, dibutyl ester, 84-74-2; 1,2-Benzenedicarboxylic acid, dihexyl ester, 84-75-3; 1,2-Benzenedicarboxylic acid, dinonyl ester, 84-76-4; 1,2-Benzenedicarboxylic acid, butyl octyl ester, 84-78-6; 1,2-Benzenedicarboxylic acid, 2-butoxy-2-oxoethyl butyl ester, 85-69-8;	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 1,2-Benzenedicarboxylic acid, 2-ethylhexyl 8-methylnonyl ester, 89-13-4; 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester, 117-81-7; 1,2-Benzenedicarboxylic acid, dioctyl ester, 117-84-0; 1,2-Benzenedicarboxylic acid, ditridecyl ester, 119-06-2; 1,2-Benzenedicarboxylic acid, decyl octyl ester, 119-07-3; 1,3-Benzenedicarboxylic acid, dimethyl ester, 131-11-3; 1,2-Benzenedicarboxylic acid, bis(1-methylheptyl) ester, 131-15-7; 1,2-Benzenedicarboxylic acid, diundecyl ester, 3648-20-2; 1,2-Benzenedicarboxylic acid, decyl hexyl ester, 25724-58-7; 1,2-Benzenedicarboxylic acid, diisodecyl ester, 26761-40-0;	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 1,2-Benzenedicarboxylic acid, diisooctyl ester, 27554-26-3; 1,2-Benzenedicarboxylic acid, diisononyl ester, 28553-12-0; 1,2-Benzenedicarboxylic acid, hexyl isodecyl ester, 61702-81-6; 1,2-Benzenedicarboxylic acid, isodecyl tridecyl ester, 61886-60-0.	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
7-amino-2,2-dimethyl-2,3-dihydrobenzofuran, 68298-46-4	48 FR 28483 June 22, 1983 40 CFR Part 716 Proposed Rule - Section 8(d)	EPA proposes to add to the list of chemical substances and mixtures for which lists and copies of unpublished health and safety studies must be submitted under section 8(d) of TSCA, 15 U.S.C. 2607(d). Chemical substances proposed to be added were recommended for testing by the Interagency Testing Committee established under section 4(e) (ITC), of TSCA, in its Eleventh Report to EPA.

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Aniline and Chloro-, Bromo-, and/or Nitro-Anilines: benzenamine, 62-53-3; benzenamine, 2-nitro-, 88-74-4; benzenamine, 4-chloro-2-nitro, 89-63-4; benzenamine, 2-methyl-, 95-51-2; benzenamine, 3,4-dichloro-, 95-76-1; benzenamine, 2,5-dichloro-, 95-82-9; benzenamine, 2,4-dinitro, 97-02-9; benzenamine, 3-nitro-, 99-09-2; benzenamine, 2-mono-6-chloro-4-nitro-, 99-29-6; benzenamine, 2,6-dichloro-4-nitro-, 99-30-9; benzenamine, 4-nitro-, 100-01-6; benzenamine, 4-bromo-, 106-40-1; benzenamine, 4-chloro-, 106-47-8; benzenamine, 3-chloro-, 108-42-9; benzenamine, 2-chloro-4-nitro-, 121-87-9; benzenamine, 3-chloro-, hydrochloride, 141-85-5; benzenamine, 2,4,6-tribromo, 147-82-0;	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) benzenamine, 2,4-dichloro, 554-00-7; benzenamine, 2,3-dichloro, 608-27-5; benzenamine, 3,5-dichloro-, 626-43-7; benzenamine, 2,4,6-Trichloro-, 634-93-5; benzenamine, 4-chloro-3-,635-22-3; benzenamine, 2,6-dibromo-4-nitro-, 827-94-1; benzenamine, 2-bromo-4,6-dinitro, 1817-73-8; benzenamine, 4-chloro-2,6-dinitro, 5388-62-5; benzenamine, 2-chloro-5-nitro-6283-25-6.		
<u>Aniline and Chloro-, Bromo- and/or Nitroanilines:</u> Aniline 62-53-3; 2-Nitroaniline 88-74-4; 4-Chloro-2-nitroaniline 89-63-4; 2-Chloroaniline 95-51-2; 3,4-Dichloroaniline 95-76-1; 2,5-Dichloroaniline 95-82-9; 2,4-Dinitroaniline 97-02-9; 3-Nitroaniline 99-09-2;	49 FR 108 January 3, 1984 40 CFR Part 799 Advance notice of proposed rulemaking - Section 4(e)	This notice constitutes EPA's response to the Interagency Testing Committee's designation of the anilines category for testing consideration. EPA seeks comment on its conclusions as to the need for further testing of the anilines and the submission of data, information and views on a number of issues.

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 2,6-Dichloro-4-nitroaniline 99-30-9; 4-Nitroaniline 100-01-06; 4-Chloroaniline 106-47-8; 3-Chloroaniline 108-42-9; 2-Chloro-4-nitroaniline 121-87-9; 2,4-Dichloroaniline 554-00-7; 2,3-Dichloroaniline 608-27-5; 2,4,6-Trichloroaniline 634-93-5; 4-Chloro-3-nitroaniline 635-22-3; 2,6-Dibromo-4-nitroaniline 827-94-1; 2-Bromo-4,6-dinitroaniline 1817-73-18 2-Chloro-5-nitroaniline 6283-35-6;		

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Antimony, 7440-36-0	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Antimony sulfide, 1345-04-6	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Antimony trioxide, 1309-64-4	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Aryl Phosphates (Phosphate esters of phenol or of alkyl-substituted phenols. Tri-aryl and mixed alkyl and aryl esters are included but trialkyl esters are excluded): Phosphoric acid, tris(2-methyl phenyl) ester, 78-30-8; phosphoric acid, tris (4-methyl phenyl) ester, 78-32-0; phenol, 4(1,1-dimethyl ethyl)-, phosphate, 78-33-1; phosphoric acid, triphenyl ester, 115-86-6; phosphoric acid, tris (3-methylphenyl) ester, 563-04-2; phosphoric acid, 2-ethylhexyl diphenyl ester, 1241-94-7;	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) phosphoric acid, tris (methyl phenyl) ester, 1330-78-5; phosphoric acid, dibutyl phenyl ester, 2528-36-1; phenol dimethyl-, phosphate (3:1), 25155-23-1; phosphoric acid, methylphenyl diphenyl ester, 26444-49-5; phosphoric acid, (1-methyethyl) phenyl diphenyl ester, 28108-99-8; phosphoric acid, isodecyl diphenyl ester, 29761-21-5; phosphoric acid (1-methyl-1-phenylethyl) phenyl diphenyl ester, 34364-42-6; phosphoric acid, diisodecyl phenyl ester, 51363-64-5; phosphoric acid, acid, (1,1-dimethylethyl) phenyl diphenyl ester, 56803-37-3.		
Aryl phosphates: TPP-Triphenyl phosphate, 115-86-6; EHDP-2-Ethylhexyl diphenyl phosphate; 1241-94-7; TCP-Tricresyl phosphate, mixed	48 FR 57452 December 29, 1983 40 CFR Part 799 Advance notice of proposed rulemaking - Section 4(e)	This notice constitutes EPA's response to the ITC's designation of the aryl phosphates for testing consideration. EPA seeks comment on its conclusions as to the need for further testing of the aryl phosphates and the submission of data, information and views on a number of issues.

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) isomers (tritolyl phosphate, 1330-78-5); TXP-Trixylenyl phosphate, mixed isomers (trixylyl phosphate, 25155-23-1); IPDP-Isopropylphenyl diphenyl phosphate, mixed isomers 28109-99-8; BPDP-Butylphenyl diphenyl phosphate, mixed isomers 34364-42-6); DBDP-Dimethylbenzyl-phenyl diphenyl phosphate, mixed isomers (also known as cumylphenyl diphenyl phosphate, 34364-42-6; IDPP-Isodecyl diphenyl phosphate 59800-46-3; NPDP-Nonylphenyl diphenyl phosphate, mixed isomers 64532-97-4.		
Asbestos, 1332-21-4*	47 FR 33198 July 30, 1982 40 CFR Part 763 Final Rule - Section 8(a)	This rule, under the authority of section 8(a) of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2607(a), requires reporting to EPA by asbestos manufacturers, importers, and processors. The information sought includes data on the quantities of asbestos used in

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
		(Continued) making products, employee exposure data, and waste disposal and pollution control equipment data. Reported information will be utilized by EPA and other Federal agencies in considering the regulation of asbestos.
Asbestos, asbestiform varieties of: chrysotile (serpentine); crocidolite (riebeckite); amosite (cummingtonite-grunerite); anthophyllite; tremolite; and actinolite); Asbestos, 1332-21-4;* chrysotile, 12001-29-5;* Amosite, 12172-73-5;* anthrophylite, 17068-78-9.*	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
1,4-Benzenedicarboxylic acid, bis-(2-ethylhexyl ester, 6422-86-2	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)] tris-triisooctyl ester
Benzene,1-[(2-methyl-2-propenyl)oxy]-2-nitro-, 13414-54-5	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)] tris-triisooctyl ester
1,2,4-Benzenetricarboxylic acid, tris-(2-ethylhexyl) ester, 3319-31-1	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)] tris-triisooctyl ester

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Benzene, trimethyl, 25551-13-7	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)] tris-triisooctyl ester
Benzene, 1,2,3-trimethyl-, 526-73-8	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)] tris-triisooctyl ester
Benzene, 1,3,5-trimethyl, 108-67-8	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne) tris (thio)] tris-triisooctyl ester
Benzenes, mono-, Di-, and trichlorinated: 1,2,3-Trichlorobenzene (vic-Trichlorobenzene) 87-81-6; 1,2-Dichlorobenzene (ortho or o-Dichlorobenzene) 95-50-1; 1,2,4,5-Tetrachlorobenzene (1,2,4,5-Tetrachlorobenzol) 95-94-3; 1,4-Dichlorobenzene (para- or p-Dichlorobenzene) 106-46-7; 1,3,5-Trichlorobenzene (sym-Trichlorobenzene) 108-70-3; Chlorobenzene (Monochlorobenzene benzene chloride) 108-90-7;	49 FR 1760 January 13, 1984 40 CFR Part 799 Proposed Rule - Section 4(e)	Under section 4 of the Toxic Substances Control Act (TSCA), EPA is proposing that manufacturers and processors of mono-, di-, and trichlorinated benzenes conduct certain chemical fate and environmental effects tests on these chemicals. This notice constitutes EPA's response to the Interagency Testing Committee's (ITC) designation of mono-, di-, tri-, tetra- and pentachlorinated benzenes as priority candidates for environmental affects testing consideration.

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued)		
1,2,4-Trichlorobenzene (unsym-Trichlorobenzene) 120-82-1; 1,3-Dichlorobenzene (meta- or m-Dichlorobenzene) 541-73-1; 1,2,3,4,5-Pentachlorobenzene (Quintochlorobenzene) 608-93-5 1,2,3,4-Tetrachlorobenzene (1,2,3,4-Tetrachlorobenzol) 634-66-2; 1,2,3,5-Tetrachlorobenzene (1,2,3,5-Tetrachlorobénzol) 634-90-2;		
7-Benzofuranamine, 2,3-dihydro-2,2-dimethyl-, 68298-46-4	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)] tris-triisooctyl ester
Benzofuran, 2,3-dihydro-2,2-dimethyl-7-nitro-, 13414-55-6	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)] tris-triisooctyl ester

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Benzyl butyl phthalate, 85-68-7	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	This rule adds certain chemical substances to the list of substances and mixtures for which lists and copies of unpublished health and safety studies must be submitted under section 8(d) of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2607(d) (40 CFR Part 716 Subpart A). The chemical substances to be added were designated for testing consideration by the Interagency Testing Committee (ITC), in its Sixth through Tenth Reports. The obligation to submit a list of health and safety studies extends for three years after April 29, 1983, the effective date of this rule.
Biphenyl, 92-52-4	48 FR 23080 May 23, 1983 40 CFR Part 799 Proposed Rule - Section 4	Under section 4 of the Toxic Substances Control Act (TSCA), EPA is proposing that manufacturers and processors of biphenyl test this chemical for acute toxicity to aquatic macrophytes and oysters, chronic toxicity and bioconcentration in oysters, chronic toxicity to aquatic vertebrates and invertebrates, and aerobic and anaerobic sediment biodegradation.
Biphenyl, 92-52-4	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See benzyl butyl phthalate

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Bisazophenyl Dyes Derived from benzidine and its congeners, ortho-tolidine (di-methylbenzidine) and dianisidine (dimethoxybenzi-dine: 2,7-Naphthalenedisul-fonic acid, 3,3'-[3,3'-dimethyl[1,1'-biphenyl]-4, 4'-diyl)bis(azo)] bis [5-amino-4-hydroxy-, tetrasodium salt, 72-57-1; 2-naphthalenecar-boxamide, 91-92-9; butanamide, 91-96-3; 1-Naphthalenesulfonic acid, 17 3,3'[1,1'-biphenyl]-4,4'-diylbis(azo)] bis[4-amino-, disodium salt, 573-58-0; 1-Naphthalenesulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis [4-amino-, disodium salt, 992-59-6;	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, disodium salt, 1937-37-7; 2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'diyl)bis(azo)]bis[4,5-dihydroxy-, tetrasodium salt, 2150-54-1; 1-Naphthalenesulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-hydroxy-, disodium salt, 2429-71-2; 2,7-Naphthalenedisulfonic acid, 5-amino-3-[[4'-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo][1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, trisodium salt, 2429-73-4;		

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt, 2429-74-5; benzoic acid, 5-[[4'-[(1-amino-4-sulfo-2-naphthalenyl)azo][1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt, 2429-79-0; Benzoic acid, 5-[[4'-[[2,6-diamino-3-[[8-hydroxy-3,6-disulfo-7-[(4-sulfo-1-naphthalenyl)azo]-2-naphthalenyl]azo]-5-methylphenyl]azo][1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, tetrasodium salt, 2429-81-4; Benzoic acid, 5-[[4'-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo][1,1'biphenyl-4-yl]azo]-2-hydroxy-, disodium salt, 2429-82-5;		

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diamino-5-methylphenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, disodium salt, 2429-83-6; Benzoic acid, 5[[4'-[(2-amino-8-hydroxy-6-sulfo-1-naphthalenyl)azo][1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt; 2429-84-7; 1,3-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-6-[[4'-[(2-hydroxy-1-naphthalenyl)azo]-3,3'-dimethoxy[1,1'biphenyl]-4-yl]azo]-disodium salt, 2586-57-4; Benzoic acid, 5-[[4'-[[2,6-diamino-3-methyl-5-[(4-sulfophenyl)azo]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt, 2586-58-5;		

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 2,7-Naphthalenedisulfonic acid, 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt, 2602-46-2; 1,3-Naphthalenedisulfonic acid, 6,6'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-amino-5-hydroxy-, tetrasodium salt, 2610-05-1; Benzoic acid, 5-[[4'[[2,4-dihydroxy-3-[(4-sulfophenyl)azo]phenyl]azo][1,1'-biphenyl]4-yl]azo]-2-hydroxy-, disodium salt, 2893-80-3; 1,3-Naphthalenedisulfonic acid, 8-[[4'-[(ethoxyphenyl)azo][1,1'-biphenyl]-4-yl]azo]-7-hydroxy-, disodium salt, 3530-19-6; 1,3-Naphthalenedisulfonic acid, 7-hydroxy-8-[[4'-[[4-[[(4-methylphenyl)sulfonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-, disodium salt, 3567-65-5;		

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-3-[[4'-[(4[hydroxyphenyl) azo][1,1'-biphenyl]-4-yl]azo]-6-(phenylazo)-, disodium salt, 3626-28-6; 2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-6-[[4'-[(4-hydroxyphenyl) azo][1,1'-biphenyl]-4-yl][azo]-3-[(4-nitrophenyl) azo]-, disodium salt, 4335-09-5; Benzoic acid, 5-[[4'-[[2,6-diamino-3-methyl-5-[(4-sulfophenyl) azo]phenyl]azo][1,1'-biphenyl-4-yl] azo]-2-hydroxy-3-methyl-, disodium salt, 6350-54-9; 1,3-Naphthalenedisulfonic acid, 8-[[4'-[(4-ethoxyphenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-7-hydroxy-, disodium salt, 6358-29-8;		

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 1-Naphthalene-sulfonic acid, 3-[[4'-[(6-amino-1-hydroxy-3-sulfo-2-naphthalenyl) azo]-3,3'-dimethoxyl [1,1'-biphenyl]'-4-yl]azo]-4-hydroxy-, disodium salt, 6449-35-0; Benzoic acid, 5-[[4'-[(2,6-diamino-3-methyl-5-sulfophenyl)azo]-3,3'-dimethyl [1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt, 6637-88-3; Cuprate(3-), [u-[7-[[3,3'-dihydroxy-4'-[[1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo] [1,1'-biphenyl]-4-yl]azo]-8-hydroxy-1,6-naphthalenedi-sulfonato(7-)]]di-, trisodium, 6656-03-7; Benzoic acid, 2-[[2-amino-6-[[4'-[(3-carboxy-4-hydroxyphenyl)azo] -3,3'-dimethoxy [1,1'-biphenyl]-4-yl]azo-5-hydroxy-7-sulfo-1-		

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) naphthalenyl]azo]-5-nitro-, trisodium salt, 6739-62-4; Benzoic acid, 3,3'-[(3,7-disulfo-1,5-naphthalenediyl)bis[azo(6-hydroxy-3-1-phenylene) azo[6(or 7)-sulfo-4,1-naphthalenediyl] azo[1,1'-biphenyl]-4,4'-diylazo]]bis[6-hydroxy-, hexasodium salt, 8014-91-3; Bisazophenyl dyes derived from benzidine and its congeners, orthotolidine (dimethylbenzidine) and diansidine (dimethoxybenzidine): C.I. Direct Blue 218, 10401-50-0; Cuprate (2-), [5-[[4'-[[2,6-dihydroxy-3-[(2-hydroxy-5-sulfophenyl)azo] phenyl]azo][1,1'-biphenyl]-4-yl]azo]-2-hydroxybenzoate (4-)-disodium, 16071-86-6; 18		

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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) Cuprate (4-), [u-[[6,6'-[(3,3' dihydroxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis [4-amino-5-hydroxy-1,3-naphthalenedisulfonato]](8-)]]di-, tetrasodium, 16143-79-6; [1,1'-Biphenyl]-4,4'-bis(diazonium), 3,3'-dimethoxy-20282-70-6.		
1,3-Butadiene, 106-99-0 NOTE: 1,3-Butadiene is also included in Part II because accelerated review could result in potential regulatory action under section 6.	49 FR 845 January 5, 1984 Notice, Initiation of Accelerated Review - Section 4(f)	This notice announces initiation of a 180-day review of 1,3-butadiene under section 4(f) of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2803. Information relevant to this review may be submitted to EPA and will receive consideration in the Agency's determination whether to initiate appropriate action to prevent or reduce risk from the chemical or to find that the risk is not unreasonable. Information for review must be submitted on or before March 5, 1984.
2-Butenoic acid, 4,4'-[(dibutylstannylene)bis(oxy)] bis[4-oxodiisooctyl ester, (Z, Z)-, 25168-21-2	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)]tris-triisooctyl ester

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Chemical	Rule Reference	Excerpt of Rule (key points)
Butyl glycolyl butyl phthalate, 85-70-1	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See benzyl butyl phthalate
Calcium naphthenate, 61789-36-4	48 FR 24366 June 1, 1983 40 CFR Part 716 Final Rule - Section 8(d)	This amendment will add chemicals to the list of chemical substances and mixtures for which lists and copies of unpublished health and safety studies must be submitted under 40 CFR Part 716 Subpart A, the regulation implementing section 8(d) of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2607(d). The chemical substances to be added were recommended for testing by the Interagency Testing Committee (ITC) in their Twelth Report to EPA and designated for priority consideration by EPA within 12 months. The obligation to submit a list of health and safety studies extends for three years after July 1, 1983, the effective date of this rule.
Calcium naphthenate, 61789-36-4	48 FR 21294 May 11, 1983 40 CFR Part 712 Final Rule - Section 8(a)	Chemicals added to the 4(e) priority list on the 12th ITC report are automatically included in 8(a) reporting requirements.
Chlorendic acid, 115-28-6	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See benzyl butyl phthalate

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Chemical	Rule Reference	Excerpt of Rule (key points)
Chlorinated benzenes: 1,2-dichloro, 95-50-1; benzene, 1,4-dichloro-, 106-46-7; benzene, chloro-, 108-90-7; benzene, 1,3-dichloro-, 541-73-1.	45 FR 48524 July 18, 1980 40 CFR Part 773 Proposed Rule - Section 4	See chloromethane
Chlorinated benzenes (mono- and di-): 1,2-dichloro, 95-50-1; benzene, 1,4-dichloro-106-46-7; benzene, chloro-, 108-90-7; benzene, 1,3-dichloro-, 541-73-1.	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Chlorinated benzenes: (tri-, tetra- and penta-): benzene, 1,2,3-trichloro-, 87-61-6; 1,2,4,5-tetrachloro, 95-94-3; benzene, 1-3-5-trichloro-, 108-70-3; benzene, 1,2,4,-trichloro-, 120-82-1; benzene, pentachloro-, 608-93-5; benzene, 1,2,3,4-tetrachloro-, 634-66-2; benzene, 1,2,3,5-tetrachloro-, 634-90-2.	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

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Chemical	Rule Reference	Excerpt of Rule (key points)
Chlorinated naphthalenes, chlorinated derivatives of naphthalene (empirical formula $C_{10}H_xCl_y$, where x+y=8), naphthalene, 1-chloro-, 90-13-1; naphthalene, pentachloro-, 1321-64-8; naphthalene, trichloro-, 1321-65-9.	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Chlorinated paraffins (chlorinated paraffin oils and chlorinated paraffin waxes, with chlorine content of 35 percent through 70 percent by weight): alkanes, chloro, 61788-76-9; paraffin waxes and hydrocarbon waxes, chlorinated, 63449-39-8; alkanes, C_6 - 18, chloro, 68920-70-7.	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Chlorinated terphenyls, 61788-33-8	48 FR 19419 April 29, 1983 40 CFR Part 704 Proposed Rule - Section 8(d)	EPA is proposing a rule under section 8(a) of the Toxic Substances Control Act (TSCA) requiring notice of any current manufacture or import of chlorinated terphenyl and notice of any proposed manufacture or importation. The notice would also include information on uses, production quantities, and chemical composition.

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Chemical	Rule Reference	Excerpt of Rule (key points)
4-Chlorobenzotrifluoride, 98-56-8	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See benzyl butyl phthalate
Chloromethane, 74-87-3	45 FR 48524 July 18, 1980 40 CFR Part 773 Proposed Rule - Section 4	EPA is proposing that manufacturers and processors of chloromethane and all chlorinated benzenes except hexachlorobenzene conduct health effects testing.
Chloromethane (methyl chloride), 74-83-3	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
2-Chlorotoluene, 95-49-8	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See benzyl butyl phthalate
Cobalt naphthenate, 61789-51-3	48 FR 24366 June 1, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See calcium naphthenate
Cobalt naphthenate, 61789-51-3	48 FR 21294 May 11, 1983 40 CFR Part 712 Final Rule - Section 8(a)	See calcium naphthenate
Cresols: phenol, 2-methyl-, 95-48-7; phenol, 4-methyl, 106-44-5; phenol, 3-methyl-, 108-39-4; phenol, methyl, 1319-77-3.	48 FR 31812 July 11, 1983 40 CFR Part 799 Proposed Rule - Section 4	Under section 4 of the Toxic Substances Control Act (TSCA), EPA is proposing that manufacturers and processors of cresols test these chemicals for carcinogenicity, mutagenicity, teratogenicity, reproductive effects, neurotoxicity, skin sensitization, and subchronic toxicity.
Cresols (ortho, meta-, and para-cresol): phenol, 2-methyl-, 95-48-7; phenol, 4-methyl, 106-44-5; phenol, 3-methyl-, 108-39-4.	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

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Chemical	Rule Reference	Excerpt of Rule (key points)
Cyclohexanone, 108-09-2	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
1,3-Dioxolane, 646-06-0	47 FR 54624 December 3, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See alkyltin compounds
Dichloromethane, 75-09-2	46 FR 30300 June 5, 1981 40 CFR Part 773 Proposed Rule - Section 4	EPA is proposing that manufacturers (importers) and processors of dichloromethane, nitrobenzene, and 1,1,1-trichloroethane test these chemicals for health and environmental effects.
Dichloromethane (methylene chloride), 75-09-2	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
1,2-Dichloropropane, 78-87-5	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
1,2-Dichloropropane, 78-87-5	49 FR 899 January 6, 1984 40 CFR Part 799 Proposed Rule - Section 4(e)	Under section 4 of the Toxic Substances Control Act (TSCA), EPA is proposing that manufacturers and processors conduct health and environmental effects tests for 1,2-dichloropropane. Health effects tests include neurotoxicity, mutagenicity, teratogenicity, and reproductive effects tests. Environmental effects tests include acute and chronic toxicity tests for aquatic invertebrates, and an aquatic plant test. This notice constitutes EPA's response to the Interagency Testing Committee's (ITC) designation of 1,2-dichloropropane for priority consideration for testing.

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Chemical	Rule Reference	Excerpt of Rule (key points)
Diethylenetriamine, 111-40-0	47 FR 18386 April 29, 1982 40 CFR Part 799 Proposed Rule - Section 4	Under section 4 of the Toxic Substances Control Act (TSCA), EPA is proposing that manufacturers and processors of diethylenetriamine (DETA) test this chemical for subchronic toxicity, mutagenicity, including gene mutation and cytogenetic tests, aerobic biodegradation, and anaerobic biodegradation.
Diethylenetriamine, 111-40-0	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See benzyl butyl phthalate
1,3-Dioxolane, 646-06-0	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)] tris-triisooctyl ester
Ethyltoluenes (mixed isomers), 25550-14-5	48 FR 23088 May 23, 1983 40 CFR Part 799 Proposed Rule - Section 4	Under section 4(a) of the Toxic Substances Control Act (TSCA), EPA is proposing that manufacturers and processors of the C_9 aromatic hydrocarbon fraction, which contains ethyltoluene (ortho-, meta-, and para- isomers), and the 1,2,3-, 1,3,5-, and 1,2,4- isomers of trimethylbenzene as primary components, test the C_9 aromatic fraction for health effects, including neurotoxicity, mutagenicity, teratogenicity, reproductive effects and carcinogenicity (in the event the results of the mutagenicity studies are positive).

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Chemical	Rule Reference	Excerpt of Rule (key points)
Ethyltoluenes This category consists of ethyltoluene (mixed isomers) and the ortho-, meta-, and para- isomers: o-Ethyltoluene, 611-14-3; m-Ethyltoluene, 620-14-4; p-Ethyltoluene, 622-96-8. Ethyltoluene (mixed isomers), 25550-14-5.	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See benzyl butyl phthalate
Fluoroalkenes This category is defined as fluoroalkenes of the general formula: $C_nH_{2n-x}F_x$ where n equals 2 or 3 and x equals 1 to 6. As of March 30, 1983, this category includes, but is not limited to, the following four fluoroalkenes and any category members reported as confidential for the TSCA Inventory. Any substances fitting the category definition added to the TSCA	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See benzyl butyl phthalate

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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) Inventory after March 30, 1983, are also subject to this subpart. Tetrafluoroethene, 116-14-3; Hexafluoropropene, 116-15-4; Trifluoroethene, 359-11-5; Trifluoromethyl-ethene, 677-21-4.		
Formamide, 75-12-7	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See benzyl butyl phthalate
Glycidol and its derivatives: oxiranecarboxylic acid, 3-methyl-3-phenyl-ethyl ester, 77-83-8; oxirane, 2,2'-[1,3-phenylenebis (oxymethylene)] bis-, 101-90-6; 2-propenoic acid, oxiranylmethyl ester, 106-90-1; 2-propenoic acid, 2-methyl-, oxiranylmethyl ester, 106-91-2; oxirane [(2 propenyloxy) methyl]-, 106-92-3; oxiranecarboxylic acid, 3-phenyl-, ethyl ester, 121-39-1; oxirane, (phenoxymethyl)-, 122-60-1;	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued)		
disiloxane 1,1,3,3-tetramethyl-1,3-bis(3-oxiranylmethoxy) propyl]-, 126-80-7; oxiranemethanol, 556-52-5; oxirane, (methoxymethyl)-, 930-37-0; oxirane, 2,2'-[(1-methylethylidene) bis(4,1-phenyleneoxymethyl-ene]bis-, 1675-54-3; oxirane, [2-methylphenoxy) methyl]-, 2210-79-9; oxirane, 2,2'-[1,2-ethanediyl bis(oxy-methylene)]bis-, 2224-15-9; oxirane, 2,2'-[oxybis(methylene)] bis-, 2238-07-05; oxirane, 2,2'-[1,4-phenylene bis (oxymethylene)] bis-, 2425-01-6; oxirane, 2,2'4-butanediylbis (oxymethylene)] bis, 2425-79-8; oxirane, (butoxymethyl)-, 2426-08-6; oxirane, [[(2-ethylhexyl)oxy] methyl]-,2461-15-6; oxirane, [dodecyloxy methyl]-, 2461-18-9; silane, trimethoxy[3-(oxiranylmethoxy)	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) propyl]-, 2530-83-8; silane, diethoxymethyl[3-oxiranylmethoxy) propyl]-, 2897-60-1; oxirane[4-(1,1-dimethylethyl) phenoxy]methyl]-, 3101-60-8; oxirane(ethoxy methyl)-, 4016-11-9; oxirane[1-methylethoxy) methyl]-, 4016-14-2; oxiranemethamanine, N-[4-oxiranylmethoxy) phenyl]-N-(oxiranylmethyl)-, 5026-74-4; oxirane[(4-nitrophenoxy) methyl]-, 5255-75-4; 1,2-cyclohexanedicarboxylic acid, bis (oxiranylmethyl) ester, 5493-45-8; propane, 1,2-epoxy-3-(p -monylphenoxy)-, 6178-32-1; 1,2-benzenedicarboxylic acid, bis(oxiranylmethyl) ester, 7195-45-1; oxirane, 2,2'2",2'"-[1,2-ethenadilidenetetrakis (4,1-phenyleoxymethylene)tetrakis-, 7328-97-4;	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) trisiloxane, 1,1,1,3,5,5,5-heptamethyl-3-[3-oxiranylmethoxy) propyl]-, 7422-52-8; benzenesulfenyl chloride, 2-nitro-, 7665-72-7; oxirane, 2,2',2-[1,2,3-propanetriltris (oxymethylene)] tris-, 13236-02-7; oxirane,2,2'-(oxiranylmethoxy)-1,3-phenyline]bis methylene)]bis-, 13561-08-5; cyclohexane, 1,4-bis(2,3-epoxypropoxy) methyl]-, 14228-73-0; oxirane[(hexadecyl oxy)methyl]-, 15965-99-8; oxirane, [(octadecyloxy) methyl]-, 16245-97-9; oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl) bis(oxymethylene)] bis-, 17557-23-2; silane, [3-(2,3-epoxypropoxy)propyl] ethoxydimethyl-, 17963-04-1; oxirane, [(2,4-dibromophenoxy) methyl]-, 20217-01-0;	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, 25085-99-8; oxirane, [(methylphenoxy) methyl]-, 26447,-14-3; 2,4-imidayolidinedine, 5,5-dimethyl-3-[oxiranylmethoxy) propyl]-1-(oxiranylmethyl)-32568-89-1; oxirane, [(1,2-dibromopropoxy) methyl]-, 35243-89-1; 2,4-imidazolidinedione, 3,3'-[2-(oxiranylmethoxy)-1,3-propanediyl]bis [5,5-dimethyl-1-(oxiranylmethyl)-38304-52-8; oxirane, [tetradecyloxy) methyl]-, 38954-75-5; oxirane, 2,2-[methylenebis (phenyleneoxy-methylene)]bis-, 39817-09-9; oxirane, 2,2'[methylenebis (2,1-phenyleneoxymethylene)]bis-,54208-63-8; oxirane, [(9-octadecenyloxy) methyl]-, (Z)-, 60501-41-9;	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) oxirane, [[4-(1-methyl-1-phenylethyl) phenoxy]methyl]-, 61578-04-9; oxirane, 2,2'-[[[2-(oxiranylmethoxy) phenyl]methylene] bis(4,1-phenylene oxymethylene)] bis-, 67786-03-2; oxirane, mono[(C_{10-18}-alkyloxy)methyl derivatives, 68081-84-5; oxirane, 2,2'2"[propylidyne tris(4,1-phenyleneoxymethyl-ene)]tris-, 68517-02-2; Oxirane, 2',2',2"-[propylidynetris (4,1-phenyleneoxy methylene)]tris-, 68609-96-1; oxirane, mono[(C_{12-14}-alkyloxy)methyl] derivatives, 68609-97-2; oxirane, 2,2',2"-[1,2,6-hexanetrilytris (oxymethylene)] tris-, 68959-23-9; oxirane, mono[(C_{6-12}-alkyloxy) methyl] derivatives, 68987-80-4;	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) tetrasiloxane, 1,1,1,3,5,7,7,7,-octamethyl-3,5-bis[3-(oxiranylmethoxyl) propyl]-, 69155-42-6; Poly(oxy-1,2-ethanediyl), &-[4-(oxiranylmethoxy)-benzoyl]-w-[[4-(oxiranylmethoxy) benzoyl]oxy]-, 69943-75-5; oxirane, 2,2'-[(1-methylethylidene) bis[4,1-phenyleneoxy[1-(butoxymethyl)-2,1-ethanediyl] oxymethylene]]bis, 71033-08-04; oxirane, 2,2'-[(1-methylethylidene) bis[4,1-phenyleneoxy-3,1-propanediyloxy-4,1-phenylene(1-methylethylidene)-4,1-phenyleneoxymethyl-ene]]bis-, 72319-24-5.	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

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Chemical	Rule Reference	Excerpt of Rule (key points)
Glycidol and its derivatives: Glycidol, 556-52-5; Glycidyl Ethers Resorcinol diglycidyl ether, 101-90-6; Allyl glycidyl ether, 106-92-3; Phenyl glycidyl ether, 122-60-1; 1,3-Bis [3-(2,3-epoxypropoxy) propyl] tetra-methyldisiloxane, 126-80-7; Methyl glycidyl ether, 930-37-0; Bisphenol A diglycidyl ether, 1675-54-3; o-Cresyl glycidyl ether, 2210-79-9; Ethylene glycol diglycidyl ether, 2224-15-9; Diglycidyl ether, 2238-07-5; Hydroquinone diglycidyl ether, 2425-01-6; 1,4-Butanediol diglycidyl ether, 2425-79-8; n-Butyl glycidyl ether, 2426-08-3; 2-Ethylhexyl glycidyl ether, 2461-15-6; Lauryl glycidyl ether, 2461-18-9; 3-(Trimethoxysilyl) propyl glycidyl ether, 2530-83-8;	48 FR 57562 December 30, 1983 40 CFR Part 799 Advance Notice of Proposed Rulemaking - Section 4(e)	The Interagency Testing Committee designated the category "glycidol and its derivatives" for priority consideration for testing under TSCA section 4(a), and recommended testing for carcinogenic, mutagenic, teratogenic, and other adverse health effects. EPA is publishing this Notice under section 4(a) of TSCA to (1) inform the public of the rationale EPA proposes to use in its selection of chemicals from this category for testing; (2) define the testing EPA is considering proposing; and (3) seek public comment on EPA's plan to propose a test rule for this category of chemical substances.

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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 3-(Methyldiethoxysilyl)propyl glycidyl ether, 2897-60-1; p-tert-Butylphenyl glycidyl ether, 3101-60-8; 2-Methylol-4,4'-isopropylidenediphenol diglycidyl ether, 3188-83-8; Glycerol 1,3-diglycidyl ether, 3568-29-4; Ethyl glycidyl ether, 4016-11-9; Isopropyl glycidyl ether, 4016-14-2; 4-(Diglycidylamino) phenyl glycidyl ether, 5026-74-4; p-Nitrophenyl glycidyl ether, 5255-75-4; p-Nonylphenyl glycidyl ether, 6178-32-1; 1,1,2,2-Tetra(p-hydroxyphenyl) ethane tetraglycidyl ether, 7328-97-4; 3-[Bis(trimethylsiloxy)methyl]propyl glycidyl ether, 7422-52-8; tert-Butyl glycidyl ether, 7665-72-7; Glycerol triglycidyl ether, 13236-02-7; 2,6-Diglycidylphenyl glycidyl ether,	48 FR 57562 December 30, 1983 40 CFR Part 799 Advance Notice of Proposed Rulemaking - Section 4(e)	

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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 13561-08-5; 1,4-Bis[glycidoxy) methyl]cyclohexane, 14228-73-0; Hexadecyl glycidyl ether, 15965-99-8; n-Octadecyl glycidyl ether, 16245-97-9; Neopantyl glycol diglycidyl ether, 17557-23-2; 3-(Dimethylethoxysi-lyl)propyl glycidyl ether, 17963-04-1; 2,4-Dibromophenyl glycidyl ether, 20217-01-0; 2,6-Dibromo-4-methylphenyl glycidyl ether, 22421-59-6; Cresyl glycidyl ether (mixed isomers), 24447-14-3; 3-(2-Glycidoxypropyl)-1-glycidyl-5,5-dimethylhydantoin, 32568-89-1; 1,2-Dibromopropyl glycidyl ether 35243-89-1; 1,3-Bis(5,5-dimethyl-1-glycidylhydantoin-3-yl)-2-glycidyloxypropane, 38304-52-8; Tetradecyl glycidyl ether, 38054-75-5; Bisphenol F diglycidyl ether, 54208-63-8; Oleyl glycidyl ether, 60501-41-9;	48 FR 57562 December 30, 1983 40 CFR Part 799 Advance Notice of Proposed Rulemaking - Section 4(e)	

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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) p-Cumylphenyl glycidyl ether, 61578-04-9; 2,2'-[[[2-Oxiranylmethoxy) phenyl]methyl-ene]bis-(4,1-phenyleneoxymethyl ene)]bis-(oxirane), 67786-03-2; Alkyl (C10-C16) glycidyl ether, 68081-84-5; 1,3-Dimethylbutyl glycidyl ether, 68134-06-5; 6-Methylheptyl glycidyl ether, 68134-07-6; Tris(4-hydroxyphenyl)pro-pane triglycidyl ether, 68517-02-2; Alkyl (C8-C10) glycidyl ether, 68609-96-1; Alkyl (C12-C14) glycidyl ether, 68609-97-2; 1,2,6-Hexanetriol triglycidyl ether, 68959-23-9; Alkyl (C6-C12) glycidyl ether, 68987-80-4; 1,1,1,3,5,7,7,7-Octamethyl-3,5-bis(6,7-epoxy-4-oxaheptyl)tetrasi-loxane, 69155-42-6; 2,2-Bis[p-(2-glycidyloxy-3-butoxypropyloxy)-phenyl]propane,	48 FR 57562 December 30, 1983 40 CFR Part 799 Advance Notice of Proposed Rulemaking - Section 4(e)	

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Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 71033-08-4; 3-[(3-Chloropropyl) dimethoxysilyl] propyl glycidyl ether, 71808-64-5; 2,2'-[(1-Methylethylidene) bis[4,1-phenyleneoxy-3,1-propanediyloxy-4,1-phenylene(1-methylethylidene)-4,1-phenyleneoxymethylene]]bis(oxirane), 72319-24-5; 2,4-Dibromo-6-methylphenyl glycidyl ether, 75150-13-9 Glycidyl Esters Glycidyl acrylate, 106-90-1; Glycidyl methacrylate, 106-91-2; Diglycidyl ester of hexahydrophthalic acid, 5493-45-6; Diglycidyl ester of phthalic acid, 7195-45-1; Glycidyl ester of neodecanoic acid, 26761-45-5; 1,2,3-Phopanetriyl ester of 12-(oxiranylmethoxy)-9-octadecenoic acid, 74398-71-3	48 FR 57562 December 30, 1983 40 CFR Part 799 Advance Notice of Proposed Rulemaking - Section 4(e)	

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UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Halogenated alkyl epoxides (halogenated noncyclic aliphatic hydrocarbons with one or more epoxy functional groups): oxirane(chloromethyl)-106-89-8; oxirane, trifluoro(trifluoromethyl)-, 428-59-1; oxirane, (2,2,2-trichloroethyl)-, 3083-25-8; oxirane, bromomethyl-, 3132-64-7.	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Hexachloro-1,3-butadiene, 87-68-3	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Hexachlorocyclopentadiene, 77-47-4	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Hexachloroethane, 67-72-1	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See benzyl butyl phthalate
Hexafluoropropylene Oxide (HFPO), 428-59-1	48 FR 57686 December 30, 1983 40 CFR Part 799 Proposed Rule-Section 4(a)	The Interagency Testing Committee (ITC) recommended that EPA consider requiring health effects testing of halogenated alkyl epoxides. Under section 4(a) of the Toxic Substances Control Act (TSCA), EPA is proposing that the manufacturers and processors of hexafluoropropylene oxide (HFPO), one member of the category of halogenated alkyl epoxides, test HFPO for mutagenicity, oncogenicity, and reproductive effects.

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Hydroquinone, 123-31-9	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Hydroquinone, 123-31-9	49 FR 438 January 4, 1984 40 CFR Part 799 Proposed Rule - Section 4(e)	This notice constitutes EPA's response to the Interagency Testing Committee's designation of hydroquinone as a priority candidate for testing. Under section 4(a) of the Toxic Substances Control Act (TSCA), EPA is proposing that manufacturers and processors of hydroquinone perform tests to evaluate hydroquinone's toxicokinetics and tests to evaluate its potential nervous system, reproductive, teratogenic, and mutagenic effects.
Isophorone 78-59-1	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Lead naphthenate, 61790-14-5	48 FR 24366 June 1, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See calcium naphthenate
Lead naphthenate, 61790-14-5	48 FR 21294 May 11, 1983 40 CFR Part 716 Final Rule - Section 8(a)	See calcium naphthenate
Mesityl oxide, 141-79-7	48 FR 30699 July 5, 1983 40 CFR Part 799 Proposed Rule - Section 4	EPA is proposing that manufacturers and processors of mesityl oxide (MO) test this chemical for chronic toxicity with special emphasis on blood disorders and for mutagenicity, including gene mutation and cytogenetic tests. In addition, EPA is proposing that MO be tested for oncogenicity if the results obtained in the mutagenicity tests are positive.

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Mesityl oxide, 141-79-7	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Methallyl-2-nitrophenyl ether, 13414-54-6	48 FR 28483 June 22, 1983 40 CFR Part 716 Proposed Rule - Section 8(d)	See 7-amino-2,2-dimethyl-2,3-dihydrobenzofuran
4,4'-Methylenedianiline, 101-77-9	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Methyl ethyl ketone, 78-93-3	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Methyl isobutyl ketone, 108-10-1	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Methylolurea, 1000-82-4	48 FR 24366 June 1, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See calcium naphthenate
Methylolurea, 1000-82-4	48 FR 21294 May 11, 1983 40 CFR Part 712 Final Rule - Section 8(a)	See calcium naphthenate
7-nitro-2,2-dimethyl-2,3-dihdrobenzofuran, 13414-55-6	48 FR 28483 June 22, 1983 40 CFR Part 716 Proposed Rule - Section 8(d)	See 7-amino-2,2-dimethyl-2,3-dihydrobenzofuran
Nitrobenzene, 98-95-3	46 FR 30300 June 5, 1981 40 CFR Part 773 Proposed Rule - Section 4	See dichloromethane

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Nitrobenzene, 98-95-3	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Phenol, 4-(1,1,3,3-tetramethyl butyl)-, 140-66-9	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(d)	See acetic acid, 2,2',2"-[(butylstannylidyne)tris(thio)]tris-triisooctyl ester
2-Phenoxyethanol, 122-99-6	48 FR 24366 June 1, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See calcium naphthenate
2-Phenoxyethanol, 122-99-6	48 FR 21294 May 11, 1983 40 CFR Part 712 Final Rule - Section 8(a)	See calcium naphthenate
p-Phenylenediamine, 106-50-3	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Phenylenediamines This category is defined as all nitrogen-unsubstituted phenylenediamines and their salts with zero to two substitutents on the ring selected from the same or different members of the group of halo, nitro, hydroxy, hydroxy-lower alkoxy, lower-alkyl, and lower alkoxy. For this purpose, the term "lower" is defined as a group containing between one and four carbons.	48 FR 13178 March 30, 1983 40 CFR Part 176 Final Rule - Section 8(d)	See benzyl butyl phthalate

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) As of March 30, 1983, this category includes, but is not limited to, the following phenylenediamines and any category members reported as confidential for the TSCA Inventory. Any substances fitting the category definition added to the TSCA Inventory after March 30, 1983, are also subject to this subpart. o-Diaminobenzene, 95-54-5; 2,5-Diaminotoluene, 95-70-5; 1,3-Diamino-4-methylbenzene, 95-80-7; o-Phenylenediamine,4-chloro-95-83-0; o-Phenylenediamine,4-nitro-99-58-9; 3,5-Diaminotoluene 106-71-4; m-Diaminobenzene 108-45-2; 2,4-Diaminophenol dihydrochloride 137-09-7; 1,2-Diamino-4-methylbenzene 496-72-0; m-Phenylenediamine sulfate (1:1) 541-70-8;	48 FR 13178 March 30, 1983 40 CFR Part 176 Final Rule - Section 8(d)	See benzyl butyl phthalate

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) m-Phenylenediammonium dichloride 541-89-5; m-Phenylenediamine, 4-methoxy-dihydrochloride 614-94-8; m-Phenylenediamine, 4-methoxy- 615-05-4; 1,2-Phenylenediamine dihydrochloride, 615-28-1; 1,4-Benzenediamine 2-methyl-, dihydrochloride, 615-45-2; p-Phenylenediamine 2-chloro-, dihydrochloride, 615-46-3; 2,5-Diaminotoluene sulfate, 615-50-9; p-Phenylenediamine dihydrochloride, 624-18-0; 2,6-Diamino-1-methylbenzene, 823-40-5; o-Phenylenediamine 4-ethoxy- 1197-37-1; 1,2-Diamino-3-methylbenzene 2887-25-4; o-Phenylenediamine, 4-butyl- 3663-23-8; m-Phenylenediamine, 5-nitro- 5042-55-7;	48 FR 13178 March 30, 1983 40 CFR Part 176 Final Rule - Section 8(d)	See benzyl butyl phthalate

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) m-Phenylenediamine, 4 nitro-5131-58-8; m-Phenylenediamine 4-chloro-5131-60-2; p-Diaminoanisole, 5307-02-8; p-Phenylenediamine 2-nitro-, 5307-14-2; m-Phenylenediamine 2-nitro-6219-67-6; p-Phenylenediamine 2-chloro-, sulfate, 6219-71-2; o-Phenylenediamine 4-nitro-, sulfate, 6219-77-8; 1,4-Benzenediamine 2-methyl-, sulfate, 6369-59-1; 4,6-Diamino-o-cresol, 15872-73-8; p-Phenylenediamine sulfate, 16245-77-5; p-Phenylenediamine 2-nitro-, dihydrochloride, 18266-52-9; p-Phenylenediamine, 2,5-dichloro-, 20103-09-7; Diaminotoluene, 25376-45-8; 2,4-Diaminoanisole sulfate, 39156-41-7;	48 FR 13178 March 30, 1983 40 CFR Part 176 Final Rule - Section 8(d)	See benzyl butyl phthalate

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
(Continued) 1,2-Benzenediamine, 5-chloro-3-nitro-, 42389-30-0; 1,4-benzenediamine, ethanedioate (1:1), 62654-17-5; 4,6-Diamino-2-methylphenol, hydrochloride, 65879-44-9; Ethanol, 2-(2,4-diaminophenoxy)-, dihydrochloride, 66422-95-5; 1,3-Benzenediamine, 4-ethoxy-, dihydrochloride, 67801-06-3; 1,3-Benzenediamine 4-ethoxy-, sulfate (1:1), 68015-98-5; m-Phenylenediamine 4-chloro-, sulfate 68239-80-5; 1,2-Benzenediamine 4-nitro-, sulfate (1:1), 68239-82-7; 1-4-Benzenediamine 2-nitro-, sulfate (1:1), 68239-83-8; 1,2-Benzenediamine 4-chloro-, sulfate (1:1), 68459-98-3; 1,3-Benzenediamine, ar-ethyl-ar-methyl, 68966-84-7.	48 FR 13178 March 30, 1983 40 CFR Part 176 Final Rule - Section 8(d)	See benzyl butyl phthalate

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Polybrominated biphenyls, 67774-32-7	45 FR 70728 October 24, 1980 40 CFR Part 704 Final Rule - Section 8(a)	This rule requires that the Environmental Protection Agency be notified of any manufacture or importation of polybrominated biphenyls (PBBs) and tris (2,3-dibromopropyl) phosphate (Tris). The purpose of the notice requirement is to confirm that there are no significant sources of these substances and to ensure that EPA has the opportunity to investigate the circumstances of any resumption of production.
Polychlorinated terphenyls (polychlorinated ortho-, meta-, and para- terphenyls); Aroclor 5460, 11126-42-4; Aroclor 5442, 12642-23-8; terphenyl, chlorinated, 61788-33-8.	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Propylene oxide, 75-56-9	49 FR 430 January 4, 1984 40 CFR Part 799 Proposed Rule - Section 4(a)	Under section 4(a) of the Toxic Substances Control Act (TSCA), EPA today is proposing that manufacturers and processors of propylene oxide test this chemical for teratogenicity. EPA is not proposing epidemiological studies or testing for carcinogenicity, mutagenicity, other chronic effects, or environmental fate at this time.

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Pyridine, 110-86-1	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Quinone, 106-51-4	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Quinone, 106-51-4	49 FR 456 January 4, 1984 40 CFR Part 799 Proposed Rule - Section 4(e)	The Interagency Testing Committee recommended that EPA consider requiring carcinogenicity, teratogenicity, and environmental fate testing of quinone.
Stannane, dibutyl-bis(dodecylthio)-, 1185-81-5	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butyl-stannylidyne)tris(thio)]tris-triisooctyl ester
Stannane, dibutylbis[(1-oxododecyl)oxy]-, 77-58-7	48 FR 22697 May 19, 1983 40 CFR Part 712 Proposed Rule - Section 8(a)	See acetic acid, 2,2',2"-[(butyl-stannylidyne)tris(thio)]tris-triisooctyl ester
Bis(2-ethylhexyl) terephthalate, 6422-86-2	47 FR 54624 December 3, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See alkyl tin compounds
4-(1,1,3,3-Tetra-methylbutyl) phenol, 140-66-9	47 FR 54624 December 3, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See alkyl tin compounds
Toluene, 108-88-3	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
1,1,1-Trichloro-ethane, 71-55-6	46 FR 30300 June 5, 1981 40 CFR Part 773 Proposed Rule - Section 4	See dichloromethane

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
1,1,1-Trichloroethane (methyl chloroform), 71-55-6	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Trimethylbenzene, 95-63-6	48 FR 23088 May 23, 1983 40 CFR Part 791 Proposed Rule - Section 4	See ethyltoluenes
1,2,4-Trimethylbenzene, 95-63-6	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See benzyl butyl phthalate
Trimethylbenzene (mixed isomers), 25551-13-7	48 FR 28483 June 22, 1983 40 CFR Part 716 Proposed Rule - Section 8(d)	See 7-amino-2,2-dimethyl-2,3-dyhydrobenzofuran
1,2,3-Trimethylbenzene, 526-73-8	48 FR 28483 June 22, 1983 40 CFR Part 716 Proposed Rule - Section 8(d)	See 7-amino-2,2-dimethyl-2,3-dyhydrobenzofuran
1,3,5-Trimethylbenzene, 108-67-8	48 FR 28483 June 22, 1983 40 CFR Part 716 Proposed Rule - Section 8(d)	See 7-amino-2,2-dimethyl-2,3-dyhydrobenzofuran
Tris (2-chloroethyl) phosphite, 140-08-9	48 FR 13178 March 30, 1983 40 CFR Part 716 Final Rule - Section 8(d)	See benzyl butyl phthalate
Tris (2,3-dibromopropyl) phosphate (Tris), 126-72-7	45 FR 70728 October 24, 1980 40 CFR Part 704 Final Rule - Section 8(d)	See polybrominated biphenyls
Tris (2-ethylhexyl) trimellitate, 3319-31-1	47 FR 54624 December 3, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See alkyl tin compounds

CHEMICALS SUBJECT TO PROPOSED AND FINAL RULES
UNDER SECTIONS 4 AND 8 OF TSCA

Chemical	Rule Reference	Excerpt of Rule (key points)
Vinyl fluoride, 75-02-5	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Vinylidene fluoride, 75-38-7	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile
Xylenes (ortho-, meta-, and para-xylene): Benzene, 1,2,-dimethyl, 95-47-6; benzene, 1,4-dimethyl-, 106-42-3; benzene, 1,3-dimethyl, 108-38-3.	47 FR 38780 September 2, 1982 40 CFR Part 716 Final Rule - Section 8(d)	See acetonitrile

PART IV

CHEMICALS SUBJECT TO EXPORT NOTIFICATION TO EPA UNDER SECTION 12(b) OF TSCA

CHEMICALS SUBJECT TO EXPORT NOTIFICATION TO EPA
UNDER SECTION 12(b) OF TSCA

Chemical	Rule/Action Reference
8-Acetyl-3-Dodecyl-7,7,9,9-Tetramethyl-1,3,8-Triaza-spiro (4,5) Decane-2,4-drone	49 FR 1753 January 13, 1984 40 CFR Part 721 (Proposed Rule-Section 5)
Asbestos (Export Notification) 1332-21-4*	46 CFR 37608 July 21, 1981 40 CFR Part 707 (Statement of Clarification)
1,2-Benzenediamine, 4-ethoxy, sulfate, 85137-09-3	48 FR 29245 August 30, 1983 40 CFR Part 721 (Proposed Rule - Section 5)
Chlorinated naphthalenes: Naphthalenes, 1-chloro-, 90-13-1; naphthalene, pentachloro, 1321-64-8; naphthalene, trichloro-, 1321-65-9; naphthalene, hexachloro-, 1335-87-1; naphthalene, octachloro-, 2234-13-1; naphthalene, dichloro, 28699-88-9.	48 FR 20668 May 6, 1983 40 CFR Part 721 (Proposed Rule - Section 5)
Chlorinated naphthalenes, chlorinated derivatives of naphthalene (empirical formula $C_{10}H_xCl_y$, where x+y=8): naphthalene, 1-chloro-, 90-13-1; naphthalene, pentachloro, 1321-64-8; naphthalene, trichloro-, 1321-65-9.	

*Chemical Abstract Service numbers (CAS) followed by an asterisk are taken from the TSCA Inventory of Chemical Substances and appear only on that inventory.

CHEMICALS SUBJECT TO EXPORT NOTIFICATION TO EPA
UNDER SECTION 12(b) OF TSCA

Chemical	Rule/Action Reference
Chlorofluorocarbons: methane, chlorotrifluoro-, 75-72-9; methane, trichlorofluoro, 75-69-4; methane, dichlorodifluoro, 75-71-8; methane, chlorodifluoro, 75-45-6; ethane, 1,2-dichloro-1,1,2,2-tetrafluoro-, 76-14-2; ethane, chloropentafluoro-, 76-15-3; methane, bromochloro-, 74-97-5; methane, bromochlorodifluoro-, 353-59-3.	43 FR 11318 March 17, 1978 Parts 712, 762 (Final Rule - Section 6)
Dicarboxylic Acid Monoester	49 FR 82 January 3, 1984 40 CFR 721 (Proposed Rule - Section 5)
Ethylamine, distillation residues	48 FR 28502 August 24, 1983 40 CFR Part 721 (Proposed Rule - Section 5)
Isopropylamine, distillation residues	48 FR 28502 August 24, 1983 40 CFR Part 721 (Proposed Rule - Section 5)
Methylpyridine, substituted	49 FR 4390 February 6, 1984 40 CFR Part 721 (Proposed Rule - Section 5)
Methylpyridine, substituted	49 FR 99 January 3, 1983 40 CFR Part 721 (Proposed Rule - Section 5)

CHEMICALS SUBJECT TO EXPORT NOTIFICATION TO EPA
UNDER SECTION 12(b) OF TSCA

Chemical	Rule/Action Reference
Phenoxypyridine, substituted	49 FR 4390 February 6, 1984 40 CFR Part 721 (Proposed Rule - Section 5)
2-phenoxypyridine, substituted	49 FR 99 January 3, 1983 40 CFR Part 721 (Proposed Rule - Section 5)
Polycarboxylic acid; and polycarboxylic acid, alkanolamine salt - prohibition of use with nitrites in metalworking fluids	49 FR 2762 January 23, 1984 40 CFR Part 747 Immediately effective (Proposed Rule - Section 5(f))
Polychlorinated biphenyls (criteria modification) 1336-36-3*	44 FR 31514 May 31, 1979 40 CFR Part 761 (Final Rule - Section 6)
Polychlorinated biphenyls (use in electrical equipment) 1336-36-3*	47 FR 37342 August 25, 1982 40 CFR Part 761 (Final Rule - Section 6)
Polychlorinated biphenyls (closed and controlled waste manufacturing) 1336-36-3*	47 FR 469080 October 21, 1982 40 CFR Part 761 (Final Rule - Section 6)
Polychlorinated biphenyls (railroad transformers) 1336-36-3*	48 FR 124 January 3, 1983 40 CFR Part 761 (Final Rule - Section 6)
Polyglycidol Benzeneamine, substituted	48 FR 57440 December 29, 1983 40 CFR Part 721 (Proposed Rule - Section 5)
Potassium N,N-bis (hydroxyethyl) cocoamine oxide phosphate, 85712-26-1	48 FR 7142 February 17, 1983 40 CFR Part 721 (Proposed Rule - Section 5)

CHEMICALS SUBJECT TO EXPORT NOTIFICATION TO EPA
UNDER SECTION 12(b) OF TSCA

Chemical	Rule/Action Reference
Potassium N,N-bis (hydroxyethyl) tallowamine oxide phosphate, 85712-27-2	48 FR 7142 February 17, 1983 40 CFR Part 721 (Proposed Rule - Section 5)
Tetrachloroethylene, derivative	49 FR 91 January 3, 1984 40 CFR Part 721 (Proposed Rule - Section 5)
Tetrachlorodibenzo-p-Dioxin, 1746-01-6	45 FR 32677 May 19, 1980 40 CFR Part 775 (Final Rule - Section 6)

CHEMICALS SUBJECT TO EXPORT NOTIFICATION TO EPA

UNDER SECTION 12(b) OF TSCA

Section 5(e) Consent and Unilateral Orders Issued

Substances subject to a TSCA section 5(e) order are subject to the section 12(b) export notification requirements. Such orders apply to "new" chemical substances subject to premanufacture notification (PMN) review.

The listing below contains a reference to a PMN number because 5(e) orders are a direct EPA-to-company communication and, as such, are not published in the Federal Register.

Where the chemical identity is confidential, a generic name is used in this list. If a company is unsure whether it is exporting one of these substances (especially where only the generic name can be published here), the company should contact the TSCA Assistance Office (see Volume 1, inside front cover). For confidential substances, the company would have to make a "bona fide" inquiry under 40 CFR 720.25.

PMN No.	Submitter CBI = Confidential business information	Chemical Identification G = Generic name
79-21	CBI	Polymer of phthalic anhydride ethylene glycol, heptanol, and 2-ethylhexanol.
79-22	CBI	Polymer of phthalic anhydride, 1,2-propylene glycol, 1,4-butanediol, 1-octanol and 1-decanol.
79-23	CBI	Polymer of phthalic anhydride, ethylene glycol, heptanol, 1-octanol, and 1-decanol.
79-24	CBI	Polymer of phthalic anhydride, 1,2-propylene glycol, 1-4-butanediol, and 2-ethylhexanol.
79-25	CBI	Polymer of phthalic anhydride, 1,3-butylene glycol, 1-octanol, and 1-decanol.
79-26	CBI	Polymer of phthalic anhydride, 1,3-butylene glycol, 2-ethylhexanol.

CHEMICALS SUBJECT TO EXPORT NOTIFICATION TO EPA

UNDER SECTION 12(b) OF TSCA

Section 5(e) Consent and Unilateral Orders Issued

PMN No.	Submitter		Chemical Identification
	CBI = Confidential business information		G = Generic name
80-35	CBI		Substituted phenol, reaction products with C_{22-30} alkenes
80-356	Marubeni America Corp.		Benzoic acid, 2-[[2-amino-5-hydroxy-6-[[4'-[[1-hydroxy-8-[[8-[[(4-methylphenyl) sulfonyl]amino]-3, 6-disulfo-2-naphthalenyl]azo]-3,3-dimethoxy[1,1'-biphenyl]-4-yl]azo]-7-sulfo-1-naphthalenyl]azo-5-nitrotrisodium salt.
80-357	Marubeni America Corp.		Benzoic acid, 2-[[2-amino-6-[[4'-[[5-[[2,5-disulfophenyl)azo]-1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]-azo]-5-hydroxy-7-sulfo-1-naphthalenyl]azo]-5-nitro-, tetrasodium salt
82-400	Jordan Chemical Company		Potassium N,N-bis (hydroxyethyl) cocoamine oxide phosphate
82-409	Jordan Chemical Company		Potassium N,N-bis (hydroxyethyl) tallow amine oxide phosphate
82-678	CBI	G	Chlorinated aromatic azo anthraquinone pigment
82-679	CBI	G	Chlorinated aromatic azo pigment
82-684	CBI	G	Derivative of Tetrachloroethylene
83-23	CBI	G	Substituted phenol
83-24	CBI	G	Substituted pyridine
83-49	CBI	G	Substituted pyridine
83-75	CBI	G	Sodium 2-substituted propanoate

CHEMICALS SUBJECT TO EXPORT NOTIFICATION TO EPA

UNDER SECTION 12(b) OF TSCA

Section 5(e) Consent and Unilateral Orders Issued

PMN No.	Submitter		Chemical Identification
	CBI = Confidential business information	G = Generic name	
83-129-235	Union Oil Company of California		Syncrude (full range, dewaxed, dearsinited shale oil) and derived products. (Contact TSCA Assistance Office for further information.)
83-237	CBI	G	Substituted pyridine
83-255	CIBA-GEIGY Corporation	G	Dicarboxylic acid monoester
83-370	CBI		8-acetyl-3-dodecyl-7,7,9,9-tetramethyl-1,1,3,8-triazaspiro[4,5]decane-2,4-dione.
83-272	CBI	G	Substituted pyridine
83-394	Celanese Corporation	G	Polyglycidyl amine.
83-401	CBI	G	Naphthalenetrisulfonic acid, chlorotriazinylamino methoxy-methylphenylazo-
83-418	CBI	G	Benzenedisulfonic acid, chlorotri-azinylamino-dimethylphenylazo-sulfo-naphthaleneazo-
83-434	CBI	G	Unsaturated aliphatic diether
83-603	American Cyanamid Company	G	Substituted nitrile
83-663	CBI	G	Alkyl-substituted aromatic amine
83-769	CBI	G	Disubstituted heterocycle
83-906	CBI	G	Brominated aryl alkyl ether
83-908	CBI	G	Ethylated amino phenol
83-909	CBI	G	Amino phenol
83-910	CBI	G	Amilinoether
83-1023	CBI	G	Alkyl aryl phosphine
83-1085	CBI	G	Substituted phenylacetamide

PART V

NUMERICAL INDEX OF LISTED CHEMICALS BY CAS NUMBER

A. CHEMICALS SUBJECT TO SPECIFIC PROPOSED AND FINAL REGULATIONS UNDER TSCA-LISTED IN CAS-NUMBERED SEQUENCE

B. CHEMICALS SUBJECT TO TSCA SECTION 12(b) EXPORT REQUIREMENTS - LISTED IN CAS-NUMBERED SEQUENCE

A. CHEMICALS SUBJECT TO SPECIFIC PROPOSED AND FINAL REGULATIONS UNDER TSCA - LISTED IN CAS-NUMBERED SEQUENCE

CAS number	Page number	CAS number	Page number	CAS number	Page number
62-53-3	III-11	77-58-7	III-48	87-81-6	III-17
67-72-1	III-48	77-58-7	III-57	88-74-4	III-10
71-55-6	III-57	77-83-8	III-36	88-74-4	III-11
71-55-6	III-58	78-30-8	III-13	89-13-4	III-08
72-57-1	III-20	78-32-0	III-13	89-63-4	III-10
74-83-3	III-32	78-33-1	III-13	89-63-4	III-11
74-87-3	III-32	78-59-1	III-49	90-13-1	III-31
74-97-5	I-03	78-87-5	III-33	90-13-1	II-04
75-02-5	III-59	78-87-5	III-33	91-92-9	III-20
75-05-8	III-04	78-93-3	III-50	91-96-3	III-20
75-09-2	III-33	79-06-1	III-04	92-52-4	III-19
75-09-2	III-33	84-61-7	III-07	95-47-6	III-59
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122-60-1	III-43	541-70-8	III-52	626-43-7	III-11
122-99-6	III-51	541-73-1	III-18	634-66-2	III-18
122-99-6	III-51	541-73-1	III-30	634-66-2	III-30
123-31-9	III-49	541-73-1	III-30	634-90-2	III-18
123-31-9	III-49	541-89-5	III-53	634-90-2	III-30
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126-80-7	III-43	556-52-5	III-37	635-22-3	III-11
131-11-3	III-08	556-52-5	III-43	635-22-3	III-12
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1336-36-3	I-05	2425-79-8	III-37	2887-25-4	III-53
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1336-36-3	I-06	2426-08-6	II-37	2897-60-1	III-38
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