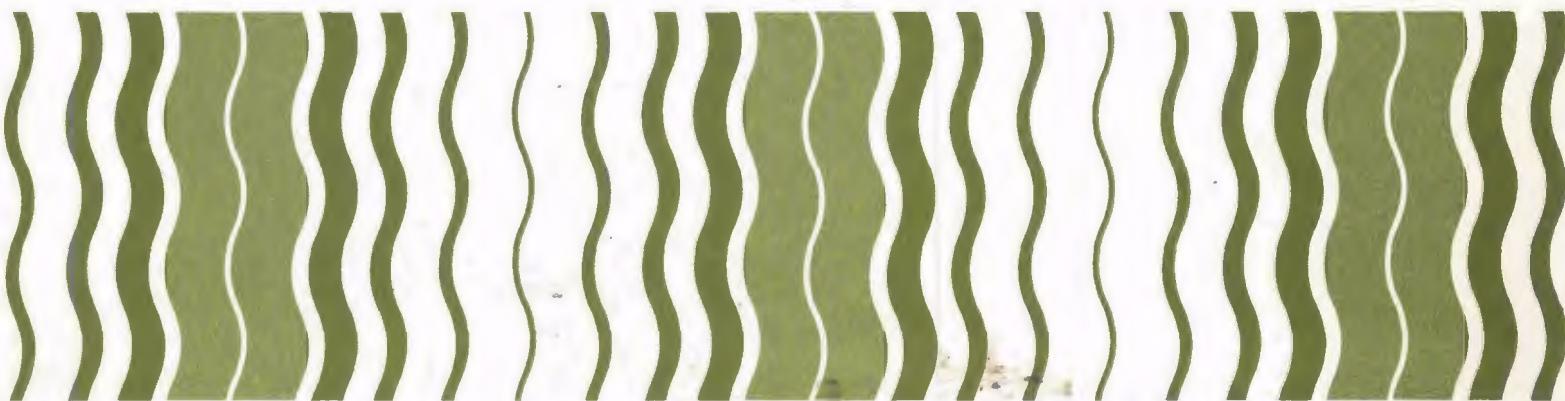




Toxicology Handbook Mammalian and Aquatic Data

Book 1: Toxicology Data



TOXICOLOGY HANDBOOK
MAMMALIAN AND AQUATIC DATA
BOOK 1: TOXICOLOGY DATA

Toxicological Evaluation of Pesticides
by the EPA Chemical and
Biological Investigations Branch Laboratories
(1966-77)

Edited and compiled by
Bernard A. Schneider, Ph.D.

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF TOXIC SUBSTANCES
BENEFITS AND FIELD STUDIES DIVISION
CHEMICAL AND BIOLOGICAL INVESTIGATIONS BRANCH
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1979

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PREFACE

A primary function of the U.S. Environmental Protection Agency Chemical and Biological Investigations Branch Laboratory in Beltsville, Maryland, is to evaluate pesticide products in the commercial marketplace for their acute toxicity. For the past several years this has been accomplished through a surveillance program which ensures that the precautionary statements on pesticide labels are correct. The chart on page vi lists the four categories of toxicity which EPA has assigned to the wide variety of commercial pesticides and the signal words which labels must carry to describe products in each category. It includes effects of toxic dosages administered by oral, dermal, and ocular routes in all categories of toxicity. Since 1965 the Pharmacology Laboratory has accumulated in its files a mass of data on pesticide formulations, and since 1968 the Animal Biology Laboratory has conducted and recorded tests on aquatic organisms.

After serving on the Reregistration Task Force from November 1974 to January 1975, the author recognized the importance of having acute toxicology data readily available to Agency scientists researching the case for registering or reregistering hundreds of commercial pesticide formulations. Few publications list toxicological studies on rats, mice, guinea pigs, or aquatic organisms. Very little information on formulated products used by farmers and other consumers is readily available. Most research is conducted on technical chemicals whose acute toxicity can vary dramatically from that of formulated products which are actually used as pesticides.

This handbook presents toxicology information which will be valuable to the Agency in researching toxic substances and pesticides, in aiding the rebuttable presumption against registration of pesticides process, in determining the toxicity of RPAR chemicals and their alternatives, in establishing generic standards

for registering pesticides, in investigating accidents, and in reregistering pesticides. For the scientific and medical communities and for environmentalists it will serve as a guide on acute toxicity to animals and on potential hazards and pesticides in the environment. It reports:

- o 12 years of data on acute oral LD50 dermal and ocular irritation tests
- o 9 years of aquatic LC50 tests
- o 8000 pesticide product analyses including many duplicates
- o 1000 aquatic test results
- o Toxicology tables on 563 active ingredients

The handbook contains four parts and an appendix. Part I lists the toxicology tables; an Explanation of Tables precedes them on pages vii and viii. Part II presents an alphabetical arrangement of chemicals cited in the tables; Part III, a numerical arrangement of chemicals in the tables; and Part IV, a chemical code page index. The appendix describes test methods used to obtain results listed in the toxicology tables of Part I.

Supplements of toxicology data from the Beltsville laboratory will be compiled periodically by the editor.

The author wishes to acknowledge the following people for their contributions to this book: all those who have performed the toxicological tests in the Chemical and Biological Investigations Branch Pharmacological and Animal Biology Labs since 1965; Winnie Teeters and Jack McCann, current supervisors to the Pharmacology and Animal Biology Labs, respectively, for their cooperation; H.O. Williamson and Belva Starry of the Pharmacology Lab for their helpfulness; Robert Jasper for his continued interest in the preparation of this book; Mike Eckert for his invaluable aid in compiling the toxicological data; Rod Bennett and Roberta Longen for typing the mammoth manuscript; Evelyn B. Oakley, Chemical Information Division, Office of Program Integration and Information, for typing and retyping the edited text on a word processor; and my wife Barbara, who encouraged me to complete this book even though it took hundreds of hours of compiling data at home.

CATEGORIES OF TOXICITY

ROUTE OF ADMINISTRATION

CATEGORY	SIGNAL WORD	ORAL (mg/kg)	DERMAL (mg/kg) 24 hr. exposure (skin effects)	OCULAR (eye effects)
I	DANGER (POISON)	0 to 50	0 to 200 (Corrosive)	(Corrosive, Corneal opacity not reversible within 7 days)
II	WARNING	> 50 to 500	> 200 to 2,000 (severe irritation at 72 hrs)	(Corneal opacity reversible within 7 days, irritation persisting for 7 days)
III	CAUTION	> 500 to 5,000	> 2,000 to 20,000 (moderate irritation at 72 hrs)	(no Corneal opacity; irritation reversible within 7 days)
IV	None *	> 5,000	> 20,000 (mild or slight irritation at 72 hrs)	(mild or slight irritation at 72 hrs)

NOTE: * None required based on acute toxicity; however,
nature of product and use pattern may require appropriate
precautionary statements.

Explanation of Tables

Part I of the handbook contains acute toxicity data in three types of tables. Table 1 contains the oral LD50(mg/kg) data and dermal ratings for a specific active ingredient. Every active ingredient has a specific 6-digit number, the same number used to retrieve data from EPA computers. The main active ingredient of the pesticide product is listed at the top of the table (000101 glycolic acid). All other active ingredients listed are found in Part III, Numerical Arrangement of Chemicals; e.g., 058401 is ethion and is found on page III - 31. The numerical arrangement includes synonyms for the chemicals as well as common and trade names to aid in identification. Most of the common names are approved by the American National Standards Institute K-62 Committee on Common Names for Pest Control Chemicals. For information on a specific chemical, Part II, Alphabetical Arrangement of Chemicals, should be used. Synonyms, trade, and common names are used where applicable. Page numbers for a specific chemical can be found in Part IV, Chemical Code Page Index. For example, information on glycolic acid is found in Part II (page II-62), Alphabetical Arrangement of Chemicals, and the chemical code number is 000101. Part IV, Chemical Code Page Index, is then used to find information on chemical 000101. Page IV-1 lists page numbers for chemical 000101, which are *I-1-A-1*, I-236-A-2, B-1, I-241-A-1, B-1, I-348-A-1. Hence glycolic acid information appears on the above six pages. Asterisks (*) are used around a page number (*I-1-A-1*) when that page carries the main active ingredient in the table. All other pages refer to the active ingredient 000101 as part of the pesticide formulation but not the main active ingredient.

Table 1 contains both oral LD50(mg/kg) and dermal ratings. Each entry in the active ingredient column is a separate pesticide product. No EPA registration numbers are used in identifying formulations. The actual composition of the pesticide is given, e.g. 46.5% of chemical 000101 and 45.0% of chemical 058401. Table 1 presents data on five pesticide formulations. The active ingredients are arranged first; the main active ingredient is a single entry and other ingredients are combined. The combinations are listed in order of lowest second active ingredient to the highest; e.g., 0.03% main active ingredient, then 0.30%, 0.50%, and lastly, 88.67%. Inert ingredients in the pesticide formulation are not listed but the percent can be determined by the following calculation: inert ingredient (%) = 100 - active ingredient (%).

The third column lists formulations, all abbreviated; e.g., emulsifiable concentrate is EC. All symbols used for formulation type and sex are given in the Explanatory Table Notes, page X. There are 28 formulation types cited in the various tables.

In the oral LD50(mg/kg) tests, the following symbols are used to denote sex of the animals: M=male, F=female, B=both sexes. The method for estimating acute oral toxicity is described in the Appendix and has the TSD designation 5.102, tentative test method for estimating the acute oral toxicity. In this test the letter B denotes that equal numbers of male and female rats were used in determining the acute oral LD50. Oral screen tests refer to the number of rats used in the test. Fewer than 10 rats in a test comprise a screen test; 10 rats or more comprise an acute oral LD50 test. In Table 1 the columns under oral LD50 show the screen and acute test results; more than one entry sometimes appears because in compiling the data for each formulation a range of results was found. Some formulations were tested only once; others were tested up to 250 different times with several different registration numbers. The

complete range of data found for each formulation is given as a separate entry. The reader may be interested to note the change in toxicity with each change in active ingredient or formulation type.

Table 1 includes the dermal ratings which are explained in the Appendix. Skin reactions are evaluated for abraded and unabraded skin and, when applicable, for 7 to 14 days after exposure. Duplicate entries in this column give the reader a range of ratings found in the formulations tested. The dermal ratings may line up with the oral LD50 ratings; they are not necessarily reached through that specific test but they are performed on the same active ingredients.

Table 2 presents data on ocular tests. Again the main active ingredient is glycolic acid chemical code 000101. Note the page number I-1-B-1. The I denotes Part I, toxicology data, the 1 denotes glycolic acid, the first active ingredient described in the book, B signifies ocular data only, and 1 is the page which lists these ocular data on glycolic acid. The letter A, when used, symbolizes oral and dermal data. Each main active ingredient has a separate page number from 1 to 538. The ocular test grading systems are listed in the Appendix. The active ingredients, chemical code, and formulation type are used exactly as in Table 1. Readings for the cornea, iris, redness, and chemosis are given for washed and unwashed eyes for 7 to 14 days after exposure. When formulations tested differently they were given separate entries as in the first formulation, which had active ingredients 15.1% chemical 000101 and 63.4% chemical 082055.

Table 3 contains data on aquatic species. As many as seven species are represented: bluegill, daphnia, fathead minnow, goldfish, European red ramshorn snail, redear sunfish, and rainbow trout. The symbols in Table 3 are defined in the Explanatory Table Notes, page IX. The LC50(ppm) for 24, 48, and 96 hours is given. The method for determining the LC50 is listed in the Appendix as TSD designation 1.206, i.e., tentative acute static jar toxicity test for aquatic organisms in fresh water. Table 3 is similar to Tables 1 and 2. The C in the page number refers to aquatic test data. Thus by using Part IV, Chemical Code Page Index, one can tell whether the information for a specific active ingredient is on oral LD50 and dermal ratings = A, ocular irritation B, or aquatic LC50 tests C. Under the first entry on 29.0% chemical 000101 glycolic acid for formulation type D (dust) are three aquatic species. The aquatic species D (daphnia) was tested for 24 hours and there was no mortality at the tested concentration of 180 ppm. The daphnia test was conducted for 24 hours only. There were no readings at 48 and 96 hours, as indicated by a dash (-). The next formulation, 15.2% chemical 000101 and 14.9% chemical 082034, was tested on RT (rainbow trout) and the LC50 was 82, 70, and 67 ppm at 24, 48, and 96 hours, respectively. The last formulation on the page shows a 60% mortality at 48 hours for BG at 100 ppm tested, and a 22% mortality for RT at 18 ppm for 96 hours tested. When there is an exact LC50 determination it is listed as a single number, as in the third formulation tested for BG as 16.2, 12.3, and 12.3 ppm at 24, 48, and 96 hours, respectively. The BG (bluegill) and RT (rainbow trout) species showed no mortality at 180 ppm for 96 hours. There were no dead fish at 24 or 48 hour observations.

EXPLANATORY TABLE NOTES

<u>Formulation Type</u>	<u>Sex</u>	<u>Aquatic Species</u>
B Bait	M Male	BG Bluegill (<u>Lepomis macrochirus Rafinesque</u>)
C - Concentrate	F Female	D Daphnia (<u>Daphnia magna L.</u>)
CO Coil		
CR Crystal		
CS Concentrate Solid	B Both	FHM Fathead minnow (<u>Pimephales promelas Rafinesque</u>)
D Dust		
DC Dog Collars		
DISK Disk		
EC Emulsifiable Concentrate		CA Goldfish (<u>Carassius auratus L.</u>)
F Fumigant		
G Granule		
GS Gelatin Stick		PC European red ramshorn aquatic snail (<u>Planorbis cornus L.</u>)
J Jelly		
L Liquid		
O Oil		RS Redear sunfish (<u>Lepomis microlophus Gunther</u>)
ONT Ointment		
P Pellets		
PA Paste		RT Rainbow trout (<u>Salmo gairdneri Richardson</u>)
PS Pressurized Spray		
RS Repellent Sticks		
S Smear		
SB Soap Bar		
SUD Spray Use Undiluted		
TAB Tablet		
TC Technical Chemical		
TO Towelette		
WP - Wettable Powder		
TALC - Talc		

Table 1

000101

Glycolic Acid (For example only, data is not valid)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
46.50	000101	EC	M	200	210	7	Erythema	Edema
45.00	058401		M		110		0	0
			F		41	7	1	1
14.00	000101	EC	F	1000		7	2	1
2.70	079010		B	3000		14	1	0
22.50	076001					7	3	2
						14	1	1
10.85	000101	PS	M	>5000				
8.00	076001		F	>5000				
			F	>6000				
10.40	000101	PS	B	4000	4500	7	2	4
0.10	069122					7	4	2
3.00	068603					7	3	4
4.50	083501							3
0.03	000101	D	M		182.0	7	0	0
0.30	084001		F		37.5			
0.50	047802					7	2	0
88.67	063503							2

Table 2

000101

Glycolic Acid (For example only, data is not valid)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Washed				<u>Ocular</u>				Unwashed				
				Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis
15.1	000101	EC		7	1	1	1	1	2	3	2	3				
63.4	082055				0	0	1	0	3	2	3	3				
				7												
10.85	000101	PS		7	3	3	3	3	3	3	3	3				
8.00	076001			14	1	0	1	0	2	3	2	3				
					7	3	4	3	2	4	4	3				
3.1	000101	PS		7	3	2	3	4	3	2	3	4				
0.8	069001															
15.1	084001															
0.03	000101	EC		7	4	3	2	4	3	2	4	4				
0.30	069122															
0.50	068603				7	3	1	3	3	3	2	3				
88.67	083501					14	3	1	3	3	3	3				

Table 3

000101

Glycolic Acid (For example only, data is not valid)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
29.0	000101	D	D	0(180)	-	-	
			BG	0	0	0(180)	
			RT	0	0	0(180)	
15.2	000101	EC	RT	82.0	70.0	67.0	
14.9	082034						
12.0	000101	EC	BG	16.2	12.3	12.3	
3.1	000101	PS	BG	0	60(100)	-	
0.8	069001		RT	0	0	22(18)	
15.1	084001						

PART I
TOXICOLOGY DATA

000101

Glycolic Acid

001501

Alcohol

002201

Sabadilla Alkaloids

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.8	002201	D	B	>4000 B >2000			Erythema	Edema

002201

Sabadilla Alkaloids

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
0.8	002201	D	BG	0.26	0.12	0.09

004003

D-Trans Allethrin (Allyl Homolog of Cimexin I)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
93.00	004003	EC	F	740			Erythema	Edema
0.35	004003	CO	B	>1960				
98.04	099501							
0.30	004003	PS	F	>5000				
0.60	067501							
1.00	057001							
8.10	063503							
0.20	004003	EC	B	>7500				
0.40	067501							
0.67	057001							
98.73	063503							
0.16	004003	D	B	>1500				
0.04	069001							
0.28	067002							
79.62	072605							

004202

Dehydroabietylamine Pentachlorophenate

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
50.0	004202	EC	F	250	245		Erythema	Edema

004206

Dehydroabietylamine

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
25.9	004206	EC	B	>2400			Erythema	Edema
12.0	004207						Erythema	Edema
12.1	004213							

004214

Sec-Butylamine

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC50(ppm)		
			Species	24h	48h	96h		
29.0	004214		D	0(180)	0	-		
			BG	0	0	0(180)		
			RT	0	0	0(180)		

004401

Amitrole (3-Amino-s-Triazole)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
90.0	004401	WP	B	>1500			Erythema	Edema
21.1	004401	EC	F	>4000			Erythema	Edema

004401

Amitrole (3-Amino-S-Triazole)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC50 (ppm)
			Species	24h	48h	
90.0	004401	WP	RT BG	0 0	0(180) 0	- 0(180)
21.1	004401		RT BG	0 0	0(100) 0	- 0(100)
3.3	004401	EC	RT		99.0	65.0
5.1	012304					
6.5	082605					

005101

Picloram

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
24.9	005101	G	BG	-	17.8	-	
			RT	21.0	15.0	7.4	
10.2	005101		BG	-	26.7		
39.6	030035		RT	-	23.8		

005103

4-Amino-3, 5, 6-Trichloropropionic Acid=Picloram, Isooctyl Ester of

Active Ingredient(s) %	Chemical Code	Formulation			Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
15.1	005103	EC	B	900	7	Erythema	Edema	Erythema	1	0
63.4	082055					2	0	2		

005103

4-Amino-3, 5, 6-Trichloropicolinic Acid=Picloram, Isooctyl ester of

005105

Picloram, Triethylamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
15.2	005105	EC	RT	82.0	70.0	67.0	
14.9	082034						

005501

Ammonium Sulfamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
95.0	005501	G	B	>2000			Erythema	Edema
			B	>1500			Erythema	Edema
46.5	005501	EC	B	3100				
43.0	005501	EC	B	>5000				
10.1	005501	EC	B	>7500				

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The third column lists formulations, all abbreviated; e.g., emulsifiable concentrate is EC. All symbols used for formulation type and sex are given in the Explanatory Table Notes, page X. There are 28 formulation types cited in the various tables.

In the oral LD50(mg/kg) tests, the following symbols are used to denote sex of the animals: M=male, F=female, B=both sexes. The method for estimating acute oral toxicity is described in the Appendix and has the TSD designation 5.102, tentative test method for estimating the acute oral toxicity. In this test the letter B denotes that equal numbers of male and female rats were used in determining the acute oral LD50. Oral screen tests refer to the number of rats used in the test. Fewer than 10 rats in a test comprise a screen test; 10 rats or more comprise an acute oral LD50 test. In Table 1 the columns under oral LD50 show the screen and acute test results; more than one entry sometimes appears because in compiling the data for each formulation a range of results was found. Some formulations were tested only once; others were tested up to 250 different times with several different registration numbers. The

complete range of data found for each formulation is given as a separate entry. The reader may be interested to note the change in toxicity with each change in active ingredient or formulation type.

Table 1 includes the dermal ratings which are explained in the Appendix. Skin reactions are evaluated for abraded and unabraded skin and, when applicable, for 7 to 14 days after exposure. Duplicate entries in this column give the reader a range of ratings found in the formulations tested. The dermal ratings may line up with the oral LD50 ratings; they are not necessarily reached through that specific test but they are performed on the same active ingredients.

Table 2 presents data on ocular tests. Again the main active ingredient is glycolic acid chemical code 000101. Note the page number I-1-B-1. The I denotes Part I, toxicology data, the 1 denotes glycolic acid, the first active ingredient described in the book, B signifies ocular data only, and 1 is the page which lists these ocular data on glycolic acid. The letter A, when used, symbolizes oral and dermal data. Each main active ingredient has a separate page number from 1 to 538. The ocular test grading systems are listed in the Appendix. The active ingredients, chemical code, and formulation type are used exactly as in Table 1. Readings for the cornea, iris, redness, and chemosis are given for washed and unwashed eyes for 7 to 14 days after exposure. When formulations tested differently they were given separate entries as in the first formulation, which had active ingredients 15.1% chemical 000101 and 63.4% chemical 082055.

Table 3 contains data on aquatic species. As many as seven species are represented: bluegill, daphnia, fathead minnow, goldfish, European red ramshorn snail, redear sunfish, and rainbow trout. The symbols in Table 3 are defined in the Explanatory Table Notes, page IX. The LC50(ppm) for 24, 48, and 96 hours is given. The method for determining the LC50 is listed in the Appendix as TSD designation 1.206, i.e., tentative acute static jar toxicity test for aquatic organisms in fresh water. Table 3 is similar to Tables 1 and 2. The C in the page number refers to aquatic test data. Thus by using Part IV, Chemical Code Page Index, one can tell whether the information for a specific active ingredient is on oral LD50 and dermal ratings = A, ocular irritation = B, or aquatic LC50 tests C. Under the first entry on 29.0% chemical 000101 glycolic acid for formulation type D (dust) are three aquatic species. The aquatic species D (daphnia) was tested for 24 hours and there was no mortality at the tested concentration of 180 ppm. The daphnia test was conducted for 24 hours only. There were no readings at 48 and 96 hours, as indicated by a dash (-). The next formulation, 15.2% chemical 000101 and 14.9% chemical 082034, was tested on RT (rainbow trout) and the LC50 was 82, 70, and 67 ppm at 24, 48, and 96 hours, respectively. The last formulation on the page shows a 60% mortality at 48 hours for BG at 100 ppm tested, and a 22% mortality for RT at 18 ppm for 96 hours tested. When there is an exact LC50 determination it is listed as a single number, as in the third formulation tested for BG as 16.2, 12.3, and 12.3 ppm at 24, 48, and 96 hours, respectively. The BG (bluegill) and RT (rainbow trout) species showed no mortality at 180 ppm for 96 hours. There were no dead fish at 24 or 48 hour observations.

EXPLANATORY TABLE NOTES

<u>Formulation Type</u>	<u>Sex</u>	<u>Aquatic Species</u>
B Bait	M Male	BG Bluegill (<u>Lepomis macrochirus Rafinesque</u>)
C Concentrate	F Female	D Daphnia (<u>Daphnia magna L.</u>)
CO Coil		FHM Fathead minnow (<u>Pimephales promelas Rafinesque</u>)
CR Crystal		CA - Goldfish (<u>Carassius auratus L.</u>)
CS - Concentrate Solid	B Both	PC European red ramshorn aquatic snail (<u>Planorbis Cornus L.</u>) .
D Dust		RS Redear sunfish (<u>Lepomis microlophus Gunther</u>)
DC - Dog Collars		RT Rainbow trout (<u>Salmo gairdneri Richardson</u>)
DISK - Disk		
EC Emulsifiable Concentrate		
F Fumigant		
G Granule		
GS Gelatin Stick		
J Jelly		
L Liquid		
O Oil		
ONT Ointment		
P Pellets		
PA Paste		
PS Pressurized Spray		
RS Repellent Sticks		
S Smear		
SB - Soap Bar		
SUD Spray Use Undiluted		
TAB Tablet		
TC Technical Chemical		
TO Towelette		
WP Wettable Powder		
TALC - Talc		

Table 1

000101

Glycolic Acid (For example only, data is not valid)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
46.50	000101	EC	M	200	210	7	Erythema	0	0	0
45.00	058401		M		110			0	0	0
			F		41	7	1	1	0	1
14.00	000101	EC	F	1000		7	2	1	1	1
2.70	079010		B	3000		14	0	1	0	1
22.50	076001					7	3	2	2	
						14	1	1	1	1
10.85	000101	PS	M	>5000						
8.00	076001		F	>5000						
			F	>6000						
10.40	000101	PS	B	4000	4500	7	2	4	2	
0.10	069122					7	4	3	4	
3.00	068603									3
4.50	083501									
0.03	000101	D	M		182.0	7	0	0	0	0
0.30	084001		F		37.5					
0.50	047802					7	2	0	0	2
88.67	063503									

Table 2

000101

Glycolic Acid (For example only, data is not valid)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Days	Washed			<u>Ocular</u>			Unwashed		
					Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
15.1	000101	EC		7	1	1	1	1	2	3	2	3	
63.4	082055				0	0	1	0	3	2	3	3	
				7	0	1	0		3	2	3	3	
10.85	000101	PS		7	3	3	3	3	3	3	3	3	
8.00	076001			14	1	0	1	0	2	3	2	1	
					3	4	3	2	4	4	3	3	
3.1	000101	PS		7	3	2	3	4	3	2	3	4	
0.8	069001												
15.1	084001												
0.03	000101	EC		7	4	3	2	4	3	2	4	4	
0.30	069122												
0.50	068603			7	3	1	3	3	3	2	3	4	
88.67	083501			14	3	1	3	3	3	2	3	3	

Table 3

000101

Glycolic Acid (For example only, data is not valid)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
29.0	000101	D	D	0(180)	-	-	
			BG	0	0	0(180)	
			RT	0	0	0(180)	
15.2	000101	EC	RT	82.0	70.0	67.0	
14.9	082034						
12.0	000101	EC	BG	16.2	12.3	12.3	
3.1	000101	PS					
0.8	069001	BG	0	60(100)	-		
15.1	084001	RT	0	0	22(18)		

PART I
TOXICOLOGY DATA

008101

Basic Copper Sulfate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
99.0	008101	G	BG	4.1	3.4	3.0
6.3	008101	D	RT BG	5.3 0	3.4 0	2.8 0(100)

008705

5-(Bromomethyl)-1, 2, 3, 4, 7, 7-Hexachloro-2-Norbornene

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppb)		
				24h	48h	96h
94.0	008705		BG	54.2	41.5	29.5

008707

2-Bromo-4-Hydroxyacetophenone

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating			
		Type	Sex	Screen	Acute		sqv	Abraded Unabraded		
30.0	008707	EC	B	990			Erythema	Edema	Erythema	Edema

008707
2-Bromo-4-Hydroxyacetophenone

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
30.0	008707	C	BG	2.7	2.5	2.4	

008710

Benzyl Bromoacetate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
90.0	008710	EC	B	140		7	Erythema 4	Edema 4	Erythema 4	Edema 4

008710

Benzyl Bromoacetate

Active Ingredient(s) %	Chemical Code	Formulation			Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
90.0	008710	EC		7	4	-	3	4	4	-	3	4	

008710

Benzyl Bromoacetate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
90.0	008710	C	BG	0.24	-	-

008801

Benzene

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
					Erythema	Edema	Erythema
35.00	008801	EC	B	>2500			Edema
6.70	079014						
35.00	038501						
29.57	008801	EC	B	>4000			
8.19	010801						
12.02	063502						
23.07	038501						
22.24	008801	PS	B	5000			
7.19	063502						
8.16	010801						
17.24	038501						

009001

Lindane (Gamma Isomer of Benzene Hexachloride)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	009001	WP	B	129			Erythema	Edema
95.0	009001	TC	B	220				
30.1	009001	EC	B	>850				
63.1	006601							
25.5	009001	WP	B	563				
20.0	009001	EC	B	590				
76.0	086802							
20.0	009001	EC	F	681				
75.5	006601							
20.0	009001	EC	B	610				
73.0	006601							
20.0	009001	EC	F	558				
69.0	086802							
20.0	009001	EC	B	900				
59.0	006601		F		550			

009001

Lindane (Gamma Isomer of Benzene Hexachloride)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
20.0	009001	EC	B		725		Erythema	Edema
			B		1250		Erythema	Edema
18.0	009001	D	B	>2000				
5.0	029201							
12.5	009001	EC	B	1080				
82.5	086802		B	>750				
12.5	009001	D	M	>1600				
12.46	009001	EC	B	1149				
82.76	086802							
12.1	009001	EC	B	>1580				
12.0	086803							
69.0	063503							
12.00	009001	EC	B	>1580				
83.92	086802							
12.0	009001	EC	B	1250				
12.0	017802							
72.8	006501							

009001

Lindane (Gamma Isomer of Benzene Hexachloride)

009001

Lindane (Gamma Isomer of Benzene Hexachloride)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
3.0	009001	PS	B	3530				
12.0	086802		B	2600				
35.0	067002							
3.0	009001	PS	B	2200				
12.5	086802		B	1550				
17.5	067002							
3.0	009001	PS	M	3380				
15.0	067002		B	4000				
3.0	009001	EC	B	>3500				
35.0	067002		B	>5000				
42.0	031603							
3.00	009001	PS	B	1710				
5.98	031603		B	2790				
8.96	086803							
15.00	067002							
3.0	009001	PS	B	2600				
12.0	086802							
12.0	063502							
15.0	067002							

009001

Lindane (Gamma Isomer of Benzene Hexachloride)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
6.0	009001	D	B	1500			Erythema	Edema
5.0	029201						Erythema	Edema
6.0	009001	D	F	>2000				
5.0	009001	EC	B	2450				
90.0	006501							
5.0	009001	EC	B	>794				
10.0	006601							
65.0	067002							
3.0	009001	PS	B	2800				
12.5	086802		B	5000				
13.0	063502							
17.5	067002							

009001

Lindane (Gamma Isomer of Benzene Hexachloride)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating						
					Screen	Acute	Days	Abraded	Unabraded		
3.0 35.0	009001 067002	O	B	>2000				Erythema	Edema	Erythema	Edema
3.0 17.5	009001 067002	PS	B	3000							
1.5 3.0 25.0	009001 071004 077501	D	B	>500							
1.0	009001	EC	B	10,000							
1.0 10.0	009001 077501	D	B	>15,000							

009001

Lindane (Gamma Isomer of Benzene Hexachloride)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.0 5.0	009001 080501	D	B	1900				
1.0 5.0 5.0	009001 080501 029201	D	B	1100				
1.0	009001	WP	B	>4000				
0.097	009001	EC	B	>7500				

009103

Sodium Benzoate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	009103	D	B	>1500			Erythema	Edema
50.0	051201						Erythema	Edema

009104

2, 3, 5-Triiodobenzoic Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
14.2	009104	EC	F	>3500			Erythema	Edema

009501

Benzyl Benzoate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
40.00	009501	EC	M	>2500			Erythema	Edema
36.30	009501	EC	B	>3500				
35.85 0.15	009501 009001	EC	B	>5000				
35.00	009501	PS	B	>5000				
30.50 0.50	009501 009001	EC	B	>3000				
30.00	009501	EC	F	>1500	7	0	0	0
25.00	009501	EC	B	5000				
20.00 0.25 0.50 0.50	009501 009001 055001 071003	EC	B	>5000				

009603

Ammonium Oxalate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.30	009603	EC	B	>7500		7	Erythema	Edema
0.30	044901		B	>2500		2	0	2
0.20	039117							
0.05	064116							

009801

S-(0, 0-Diisopropyl Phosphorodithioate of N-(2 Mercaptoethyl) Benzenesulfonamide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
46.0	009801	L	BG	2.30	1.78	1.78

009901

3-Chloro-P-Toluidine Hydrochloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD50(mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.0	009901	P	B	>2000			Erythema	Edema

010301

2-Naphtol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
3.0	010301	SB	B	>2000			Erythema	Edema
1.0	040501						Erythema	Edema
84.0	079009						:	

010501

1, 1-Bis(Chlorophenyl)-2, 2, 2-Trichloroethanol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
35.0	010501	D	B	>1500			Erythema	Edema
18.5	010501	EC	B	5000				
			B	>3500				
			F	>1500				
18.5	010501	EC	B	2900				
73.0			F	2550		7	3	3
12.0	010501	EC	F	>2500				
44.0	006601							
44.0	063503							
10.0	010501	EC	M	990				
2.5	010002							
8.0	084001							
79.5	063503							
3.60	010501	EC	B	920				
20.00	080501		F	450				
68.63	063503							
0.25	010501	PS	B	5000				

010501

1, 1-Bis(Chlorophenyl)-2, 2-Trichloroethanol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
35.0	010501	WP	RT	1.58	1.09	0.95	
			BG	3.85	3.35	3.10	
2.0	010501	EC	BG	66.0	58.0	49.0	
5.0	056801						
5.0	058702						
18.0	006501						

010501

1, 1-Bis (Chlorophenyl)-2, 2, 2-Trichloroethanol

010801

Bone Oil

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
88.0	010801	EC	B	3200			Erythema	Edema

011001

Barium Metaborate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
99.0	011001	WP	B	1500			Erythema	Edema
98.0	011001	EC	B	>750			Erythema	Edema
50.0	011001	WP	B	>1500				
45.0	011001	WP	B	>2000				
40.0	011001	TAB	B	>3000				
19.0 5.0	011001 077301	TAB	B	1650				

011102

Borax or Sodium Tetraborate Decahydrate

011102

Borax or Sodium Tetraborate Decahydrate

011104

Sodium Metaborate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
66.50	011104	G	B	>1500			Erythema	Edema
1.25	035505						Erythema	Edema
27.70	699912							
30.00	073301							
56.4	011104	P	B	>1600				
1.6	012301							
41.0	073301							

011104

Sodium Metaborate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50 (ppm)	
			Species	24h	48h	96h
66.5	011104	D	RT	0	0	0(100)
1.5	012301					
30.0	073301		BG	0	0	0(100)
			BG	10(1800)	0	0

011301

1, 2-Dibromo-3-Chloropropane

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
97.00	011301	EC	M	70			Erythema	Edema
28.46	011301	G	F	600			Erythema	Edema
4.85	011301	G	B	>1500				

011301

1, 2-Dibromo-3-Chloropropane

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
97.0	011301	L	RT	115.0	85.0	36.5
10.0	011301	G	RS	0	0(100)	-

011701

Trans-1, 2-Bis(propylsulfonyl) Ether

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50 (ppm)		
				24h	48h	96h
47.5	011701	C	RT	1.70	1.38	1.05

011901

Butoxypolypropylene Glycol

011901

Butoxypolypropylene Glycol

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating			
					Screen	Acute	Days	Abraded
								Unabraded
15.0	011901	PS	F	1590			Erythema	Edema
0.5	056801						Erythema	Edema
1.9	057701							
4.0	067002							
10.00	011901	PS	B	>7500		7	0	0
0.05	069001		F	>7500				
0.25	021901					7	3	0
0.40	067501					14	4	3
38.80	063501						0	0
50.00	039001							
6.25	011901	EC	B	>7500				
93.58	063503							
4.00	011901	EC	F	>7500				
0.05	069001							
0.53	067501							
95.41	063503							

011901

Butoxypolypropylene Glycol

012101

Cruformate (4-Tert-Butyl-2-Chlorophenyl Methyl Methyl Phosphoramidate)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
25.0	012101	EC	B	3000			Erythema	Edema
			B	2550			Erythema	Edema
			F	2150				
13.4	012101	EC	M	4750				

012101

Cruformate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
25.0	012101	C	RT	13.0	13.0	13.0
			BG	18.8	18.8	17.8
9.4	012101	C	RT	118.0	88.0	49.0
			BG	0	0	30(180)

012201

Binapacryl

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppb)		
			Species	24h	48h	96h		
50.0	012201		RT BG	117.0 61.5	88.0 37.0	82.0 33.0		

012301

Bromacil (5-Bromo-3-Sec-Butyl-6-Methyluracil)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
33.25	012301	EC	B	2500			Erythema	Edema
25.00	086802						Erythema	Edema

012301

Bromacil

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
5.4	012301	WP	BG	0	0	0(100)	

012302

Bromacil, Lithium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
27.8	012302	C	BG	0	0	0(100)	

012501

Cacodylic Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50 (ppm)	
			Species	24h	48h	96h
99.3	012501		BG	0	0(100)	-
50.0	012501		BG	0	0	0(180)

012502

Sodium Cacodylate=Sodium Salt of Cacodylic Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
5.65	012502	EC	M	>1250			Erythema	Edema
0.98	012501						Erythema	Edema

012502

Sodium Cacodylate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
22.6	012502		RT	145.0	130.0	96.0
3.9	012501					

012601

10, 10'-Oxybisphenoxyarsine

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50(ppb)		
				24h	48h	96h
98.0	012601	TC	BG	13.3	6.7	2.2

012701

Terbacil (3-Tert-Butyl-5-Chloro-6-Methyluracil)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
80 .0	012701	WP	B	>2000			Erythema	Edema

012701

Terbacil

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
80.0	012701	WP	RT	101.0	98.0	78.0	
			RT	87.0	68.0	54.0	
			BG	110.0	112.0	112.0	

012902

Cadmium Chloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
20.1	012902		BG	62.0	34.0	26.0	

012903

Cadmium Sebacate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
5.0	012903	WP	B	230			Erythema	Edema
0.5	079801						Erythema	Edema
1.0	039504							
5.0	068301							

013501

Calcium Arsenate or Tricalcium Arsenate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
70.0	013501	G	B	360			Erythema	Edema

013501

Calcium Arsenate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC50(ppm) 24h	48h	96h
			Species	24h	48h			
5.00	013501		BG	0	0	0(200)		
3.25	052301							

013502

Lead Arsenate (Standard)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
98.0	013502	WP	B	1560			Erythema	Edema
94.0	013502	WP	B	2000			Erythema	Edema
			B	1600				

013503

Lead Arsenate, Basic

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
8.25	013503	G			290		Erythema	Edema
0.17	044801						Erythema	Edema
25.11	007001							
3.51	013503	WP			720			
47.20	007001							

013503

Lead Arsenate, Basic

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
96.0	013503	C	BG	0	0	0(100)

013505

Sodium Arsenate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.5	013505	EC	B	>5000			Erythema	Edema

013603

Sodium Arsenite

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
76.7	013603	EC	B		30.9		Erythema	Edema
44.0	013603	EC	B		67.9			
42.6	013603	EC	B		90.1			
42.5	013603	EC	B		96.0			
					93.8			
					72.9			
40.0	013603	EC	B		104.0			
			B	98.0	100.0			
			B	70.0	83.0			
			B	66.0	76.0			
40.0 0.5	013603 079010	EC	B	67.5				

013603

Sodium Arsenite

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
42.0	013603	L	RT BG	67.0 160.0	57.0 82.0	51.5 61.0	

013802

Disodium Methanearsonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
81.0	013802	WP	B	1140			Erythema	Edema
21.8	013802	EC	B	2800			Erythema	Edema

013802

Disodium Methanearsonate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
63.0	013802	C	RT	0	0	0(100)
18.9	013802	CS	BG	0	0	0(320)
3.5	013802		RT BG	0 0	0 0	0(100) 0(100)

013803

Monosodium Methanearsonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
51.30	013803	EC	M	750			Erythema	Edema
48.00	013803	EC	B	1200			Erytnema	Edema
			B	1000				
47.74	013803	EC	B	1060				
35.43	013803	EC	B	1760				
34.50 9.50	013803 030004	EC	B	1800				
2.45	013803	EC	B	9200				

013803

Monsodium Methanearsonate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm) 24h	48h	96h
			Species	24h	48h			
48.0	013803	C	RT	0	0	0(180)		

013805

Dodecylammonium Methanearsonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
8.00	013805	EC	B	3900			Erythema	Edema
5.44	030030						Erythema	Edema
3.00	013804							
8.00	013805	EC	B	1400				
8.00	013804							
0.19	013805	PS	B	>5000				
0.19	013804							

013805

Dodecylammonium Methanearsonate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)	
			Species	24h	48h	96h
8.00	013805	EC	RT	0	0	0(100)
8.00	030030		BG	0	0	0(100)
8.00	013805	EC	RT	0	0	0(180)
5.44	030030		BG	0	0	0(180)

013806

Calcium Acid Methanearsonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
10.3	013806	EC	B	7190			Erythema	Edema

013906

Aluminum Sulfate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
99.997	013906	D	B	>1500			Erythema	Edema
0.001	699907						Erythema	Edema
0.002	006310							

013906

Aluminum Sulfate

014504

Zinc Ion and Managanese Ethylene Bisdithiocarbamate 80%,
a coordination product of Mangane 6%, Zinc 2%, Ethylene Bisdithiocarbamate 62%

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
80.0	014504	D	BG	7.2	4.8	-
80.0	014504	D	BG	4.1	2.9	1.4
62.0	014504	D	RT	4.10	1.40	0.64

014505

Maneb (Manganese Ethylene Bisdithiocarbamate)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
80.0	014505	WP	B	>2000			Erythema	Edema
37.0	014505	EC	B	>5000			Erythema	Edema
5.0	014505	D	F	>1500				
5.0	056801							
4.8	014505	D	B	>1500				
3.0	056801							

014505

Maneb

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
80.0	014505	D	BG BG	2.25 2.50	1.45 2.38	0.99 1.00
5.6	014505	D	BG BG	79.0 178.0	69.0 127.0	- 68.0

014506

Zineb (Zinc Ethylene Bisdithiocarbamate)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
75.0	014506	D	B F	>2000 >1500			Erythema	Edema
50.0	014506		B	>1500				
7.5	012902							
6.4	079801							
25.0	014506	D	B	>2000				
5.0	014506	D	M	>1500				

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014506

Zineb

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
75.0	014506	D	RT BG	37.5 0	28.0 0	20.8 0(180)	
5.0	014506		BG	0	0	0(180)	
5.0	056502						

014601

Mixture of 5.2 parts by weight (83.9%) of Ammoniates of (Ethylenebis (dithiocarbamato) Zinc with 1 part by weight (16.1%) Ethylene Bis(dithiocarbamic acid), Bimolecular and Trimolecular cyclic Anhydrosulfides and Disulfides

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
80.0	014601	WP	B	>1500		7	Erythema 0	Edema 0	Erythema 0	Edema 0
7.0	014601	D	B	1500						

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014601

Mixture of 5.2 parts by weight (83.9%) of Ammoniates of (ethylene bis(dithiocarbamato)) zinc etc.

014701

Calcium Hypochlorite

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
70.0	014701	WP	B	500		7	Erythema 4	Edema 4
50.0	014701	G	B	800		7	4	2
24.0	014701	D				7	2	0
15.0	014701	WP	M	>1500		7	4	2
4.8	014701	EC				7	1	0

014701

Calcium Hypochlorite

Active Ingredient(s) %	Chemical Code	Formulation			Washed				<u>Ocular</u>				Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis			
70.0	014701	WP	B	7	0	0	0	0	0	0	0	0			
50.0	014701	G	B	7	4	2	3	4	1	0	3	3			
24.0	014701	D	B	7	2	1	2	2	2	2	3	3			
4.8	014701	EC	B	7	0	0	0	0	0	0	0	0			

014701

Calcium Hypochlorite

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)		
			Species	24h	48h	96h	
72.5	014701	G	RT	0.41	0.34	0.27	
			BG	0.65	0.65	0.65	
70.0	014701	G	RT	0.50	0.47	0.47	
			BG	0.93	0.87	0.70	

014703

Sodium Hypochlorite

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating			
					Screen	Acute	Days	Abraded
10.5	014703	EC	B	>1500			Erythema	Edema
10.0	014703	EC	M	>3250		7	0	0
8.4	014703	EC	B	7500		7	3	0
					14	0	0	0
6.0	014703	EC	B	7500		7	0	0
				>5000				0
5.25	014703	EC	B	>5000		7	0	0
				>7500				0
3.25	014703	WP	B	>1500		7	2	0
0.01	068501							0
0.04	079011							0
91.71	076403							
2.00	014703	WP	B	>1000				
8.44	072604							
56.00	076403							

014703

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Sodium Hypochlorite

015801

2-Carbomethoxy-1-Methylvinyl Dimethyl Phosphate, Alpha Isomer and related compounds

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
25.4	015801	EC	M	9.82			Erythema	Edema
68.6	063503						Erythema	Edema

015801

2-Carbomethoxy-1-Methylvinyl Dimethyl Phosphate, Alpha Isomer and Related compounds

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
47.4	015801	EC	BG	0.67	0.36	<0.24	
48.6	006501		CA	42.50	40.00	40.00	

016501

Carbon Tetrachloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
77.69	016501	EC	B	840			Erythema	Edema
0.40	098001						Erythema	Edema
1.50	077601							
5.00	042002							
15.41	016401							

017002

Biphenyl

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
100.0	017002		RT BG	1.95 1.85	1.95 48.00	1.85 14.70

017901

1-(3-Chloroallyl)-3, 5, 7-Triaza-1-Azonimadamantane Chloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
67.50	017901	D	B	>1500			Erythema	Edema
23.75	017901	WP	B	1000				
0.25	017901	EC	F	>2500				

017901

1-(3-Chloroallyl)-3, 5, 7-Triaza-1-Azonimadamantane Chloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
90.0	017901	TC	RT BG	34.0 34.5	23.8 27.6	20.5 27.6

018101

2-Chloroethyl Trimethyl Ammonium Chloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Acute	Days	Dermal Rating	
							Abraded	Unabraded
11.8	018101	EC	B	3500			Erythema	Edema

018201

Phosphamidon (2-Chloro-2-Diethylcarbamoyl-1-Methylvinyl Dimethyl Phosphate)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
78.0	018201	EC	B		11.75		Erythema	Edema

018301

Isopropyl N-(3-Chlorophenyl) Carbamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
46.5	018301	EC	M	>5000			Erythema	Edema
36.0	018301	EC	M	>4000			Erythema	Edema

018401

Chloromethoxypropylmercuric Acetate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
20.0	018401	EC	B	106.2			Erythema	Edema

019101

2-Chloro-N-Isopropylacetanilide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
20.0	019101	G	BG	-	6.1	3.6	

019402

p-Chlorophenoxyacetic Acid, Diethanolamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
2.08	019402	EC	BG D	0 0	0 0(180)	0(180)

020301

Polychlorobicyclopentadiene Isomer (Chlorine Content 60-62% or 62-64%)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC50(ppm)
			Species	24h	48h	
60-62	020301		BG	0.54	0.41	0.37

020401

Terpene Polychlorinates (65% or 66% Chlorine) consists of
Chlorinated camphene, Pinene, and related Polychlorinates

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
5.0	020401	PS	B	>5000			Erythema	Edema
5.0	063506						Erythema	Edema

020503

Chlorine Dioxide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	020503	EC	B	1250			Erythema	Edema
5.0	020503	EC	B	1550		7	0	0

020503

Chlorine Dioxide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
2.0	020503		RT BG	0 0	0 0	0(100) 0(100)

020503

Chlorine Dioxide

020701

Chloroform

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Types	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	020701	EC	B	610				
50.0	008801							
15.6	020701	EC	B	>2000				
2.5	079025							
6.5	025003							
25.0	079009							

021801

Citric Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating			
					Acute	Days	Abraded	Unabraded
28.0	021801	EC	B	>7500			Erythema	Edema
6.0	046903						Erythema	Edema

022003

Coal Tar

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
98.5	022003	EC	B	2150			Erythema	Edema
97.0	022003	EC	B	1200			Erythema	Edema
75.0	022003	EC	B	2000				
68.0	022003	EC	B	3000				
5.0	064001							
17.0	079009							
54.0	022003	EC	B	3500				
16.0	064001							
17.0	079009							
14.0	022003	EC	B	>3000				
14.4	079009			700				
61.6	025001							
11.0	022003	EC	B	2800				
17.0	025001							
62.0	022101							

022101

Coal Tar

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	022101	EC	B	1400			Erythema	Edema
25.0	079009						Erythema	Edema
46.7	022101	EC	B	1500				
18.5	079009		B	>1000				
22.8	025001							

022501

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Copper (Metallic)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
75.00	022501		BG	0	0	0(180)
55.00	022501	WP	BG	10(10)		
53.00	022501	WP	BG	125.0	75.0	75.0
50.00	022501	WP	RT RT BG BG	3.75 3.20 0 0	1.98 1.70 0(320) 0(180)	- 1.10
28.06	022501		RT	0.52	0.49	-
19.25	014504					
25.00	022501	D	RT	5.60	3.25	2.28
25.00	014504					
22.00	022501	WP	BG	0	0	0(180)
14.90	022501	D	RS	8.60	3.10	2.45
12.75	022501	D	RT BG BG	0.58 0 140.00	0.49 0 111.00	0.49 0(100) 99.00
10.50	022501	WP	RT BG	0.56 6.20	0.41 4.70	0.41 3.80
8.50	022501		RT	1.25	0.79	-
91.49	004208		BG	22.0	18.7	17.6

022501

Copper (metallic)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)	
			Species	24h	48h	96h
8.00	022501	EC	RT BG	0.58 0.54	0.58 22.50	0.50 22.50
7.05	022501	L	RT	1.08	0.78	
5.00	022501	L	BG	62.0	43.0	43.0
3.80	022501		RT BG	3.8 20(180)	-	

I -90 -C -1

022901

Copper Carbonate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
96.4	022901		BG	0	0	0(320)

023102

Copper Naphtenate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
37.5	023102	EC	B	2000		7	Erythema	Edema	Erythema	Edema
32.5	041201				-		3	3	3	3
28.0	023102	EC		-		7	4	4	4	4
20.0	023102	EC	M	>3000		7	4	4	4	4
80.0	063503									
20.0	023102	EC	B	-		7	4	4	4	4
35.0	031603									
45.0	063503									
11.5	023102	EC	B	>7500						
10.0	023102	EC	B	>7500		7	4	4	4	4
90.0	063503			>5000						
10.0	023102	EC	B	>3500						
40.0	022001									
50.0	055801									
10.0	023102	EC	B	-	1750	7	4	4	4	4
			F							

023102

Copper Naphthenate

023102

Copper Naphthenate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)	
			Species	24h	48h	96h
25.0	023102		RT	1.35	0.80	0.74
75.0	063503		BG	8.50	5.50	3.85
10.0	023102	EC	BG	0	0	0(100)
90.0	063503					

I-92-C-1

023104

Copper Salts of Fatty and Rosin Acids

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
48.0	023104	C	RT	12.10	4.85	4.00
			RT	1.13	1.13	0.81
			BG	7.60	5.50	

023304

Copper Oleate

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating			
					Acute	Days	Abraded	Unabraded
29.50	023304	EC	B	>1500			Erythema	Edema
15.00	023304	EC	B	>600			Erythema	Edema
0.40	069001							
1.25	071003							
1.25	071004							
5.00	067002							
20.00	006601							

023304

Copper Oleate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
15.0	023304		BG	20.5	14.0	14.0	

023401

Copper Hydroxide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
83.0	023401	WP	B	1000		7	Erythema 0	Edema 0	Erythema 0	Edema 0

I-94-B-1

023401

Copper Hydroxide

Active Ingredient(s) %	Chemical Code	Formulation			Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
83.0	023401	WP	B	7	3	2	1	1	4	2	3	2	

023401

Copper Hydroxide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
83.0	023401	WP	RT BG	0.079 0	0.072 0	- 0(180)

I-95-A-1

023701

Copper Chloride(Dihydrate)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
99.8	023701	D	RT BG	1.92 0	0.75 0	0.42 0(180)	

024001

5-Chloro-7-Iodo-8-Quinolinol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
100.0	024001	C	B	352		7	Erythema 0	Edema 0	Erythema 0	Edema 0
99.0	024001	G	B	500						
			B	441						
98.5	024001	G	B		251					
75.0	024001	C	B	500						
50.0	024001	G	B	1.88						
5.0	021102									
45.0	068302									
27.7	024001	EC	B	900						
25.5	024001	G	B	138						
26.9	006802									
42.6	068304									
17.0	024001	G	F	700						
0.3	029601									
13.00	024001	EC	B	4000		7	4	0	4	0
1.92	069119					14	4	0	4	0
10.08	069104									
12.70	024001	EC	F	1610						

024002

Copper 8-Quinolinolate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
90.0	024002	D	B	>1500			Erythema	Edema

024002

Copper 8-Quinolinolate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
90.0	024002		BG	0.53	0.32	0.29	

024401

Copper Sulfate

024401

Copper Sulfate Pentahydrate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
36.00	024401	D	RT BG	15.5 10(180)	4.1	4.1	
10.11	024401		RT	0	0	0(100)	
5.45 0.41 2.14	024401 069119 069104	EC	RT	3.7	3.2	1.2	

024402

Copper Sulfate Monohydrate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
48.0	024402		BG	20.0	7.1	4.8	
			BG	>18.0	8.7	6.1	

024403

Copper Triethanolamine Complex

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
7.1	024403	EC	B	>1000		7 4	0 0	0 0
5.0	024403	EC	F	1700				

024403

Copper Triethanolamine Complex

025001

Coal Tar Neutral Oils

025001

Coal Tar Neutral Oils

025001

Coal Tar Neutral Oil

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
40.0	025001	EC	RT	5.15	3.65	3.13	
17.0	079009		BG	4.80	4.35	4.35	
33.2	022101						

I-101-A-1

025004

Creosote

025004

Creosote

Active Ingredient(s) %	Chemical Code	Formulation Type	Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Sex	Screen	Acute	Days	Abraded	Unabraded	
75.0	025004	EC				7	4	4
25.0	063503						4	4

025004

Coal Tar Creosote

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
100.0	025004		BG	3.90	3.10	1.50
97.0	025004		RT	1.65	0.60	0.60
			BG	3.90	3.10	1.50

025003

Creosote Oil

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	025003	EC	B B M	2450 2000 1300			Erythema	Edema
97.0	025003	EC	B B	3160 2000			Erythema	Edema
69.7 1.0 21.3	025003 079014 079009	EC	B	>1000				
65.0	025003	EC	B	>750				
17.5 3.5 79.0	025003 022001 063501	EC	B	>5000	7 14	4 0	0 0	4 0

025003

Creosote Oil

025501

Chloroxuron

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
50.0	025501	WP	RT CA	60.0 100(87)	58.0	51.0	

025601

Cuprous Oxide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
95.0	025601	WP	B	>1500			Erythema	Edema	Erythema Edema
25.7	025601	EC	B	2000					
25.0	025601	EC	B	>4000		7	1	1	1

I-103-B-1

025601

Cuprous Oxide

027301

Chloroneb (1, 4-Dichloro-2, 5-Dimethoxybenzene)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating					
					Acute	Days	Abraded	Unabraded		
10.0	027301	WP	B	>3000			Erythema	Edema	Erythema	Edema

027401

Dichlobenil (2, 6-Dichlorobenzonitrile)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
2.0	027401	G	B	>1500			Erythema	Edema	Erythema Edema

027401

Dichlobenil

027401

Dichlobenil

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
99.5	027401	D	RT	8.6	8.6	7.6

027501

Decachlorobis(2, 4-Cyclopentadiene-1-yl)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Acute	Days	Dermal Rating	
							Abraded	Unabraded
50.0	027501	WP	B F	>2000 1500			Erythema	Edema

027701

Decachlorooctahydro-1, 3, 4-Metheno-2H-Cyclobuta(cd)pentalen-2-one

Active Ingredient(s) %	Chemical	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
	Code	Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.125	027701	G	F	>2000			Erythema	Edema
			F	>1500			Erythema	Edema
		B	B	>5000				
			B	3300				
		J	B	250				

027701

Decachlorooctahydro-1, 3, 4-Metheno-2H-Cyclobuta(cd)pentalen-2-one

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm) 24h 48h 96h
			Species	24h	48h	
0.125	027701	WP	RT	0.113	0.059	0.023
			BG	0.770	0.395	0.210
			D	5.600	1.970	-

028002

Dimethyl Phthalate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
24.0	028002	EC	F	>2500			Erythema	Edema
76.0	031602						Erythema	Edema

028101

2, 5-Dichloro-3-Nitrobenzoic Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
43.48	028101	EC	M	2110			Erythema	Edema

028201

3', 4'-Dichloropropionanilide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
45.0	028201	EC	BG BG	18.5 17.5	18.5 16.0	

028401

O-(2, 4-Dichlorophenyl)O-Methyl Isopropylphosphoramidothioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
35.0	028401	EC	B	1720			Erythema	Edema

028501

1, 3-Dichloro-5, 5-Dimethylhydantoin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
68.0	028501	G	B	>1500			Erythema	Edema
7.0	075701						Erythema	Edema

028501

1, 3-Dichloro-5, 5-Dimethylhydantoin

028701

Erbon (2-(2, 4, 5-Trichlorophenoxy)Ethyl 2, 2-Dichloropropionate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
6.60	028701	EC	B	3500			Erythema	Edema	Erythema Edema
5.95	028701	EC	B	6200		7	0	0	0
			B	>5000					
5.80	028701	EC	F	>5000					
5.70	028701	EC	F	3100					

028701

Erbon

028701

Erbon

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
5.8	028701	EC	RT	7.8	6.0	5.2

028801

Ethyl-4, 4'-Dichlorobenzilate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
45.5	028801	EC	B	2450			Erythema	Edema

028801

Ethyl-4, 4'-Dichlorobenzilate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
46.2	028801	L	BG	4.5	3.2	2.7

028901

Dalapon (2, 2-Dichloropropionic Acid)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
85.0	028901	D	B	>1500			Erythema	Edema

028902

Dalapon, Sodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
72.5	028902	D	F	>1500			Erythema	Edema
12.0	028903						Erythema	Edema

028902

Dalapon, Sodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
72.5	028902	D	RT	0	0	0(180)	
12.0	028903		BG	0	0	0(180)	

029001

1, 3-Dichloropropene

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
92.0	029001	L	RT	8.8	7.2	5.9	

029002

1, 2-Dichloropropene and 1, 3-Dichloropropene and related C₃ compounds Chlorinated
C₃ Hydrocarbons (C₁, 2-Dichloropropene, 1, 3-Dichloropropene and other related compounds)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
92.0	029002	EC	B	200			Erythema	Edema
80.0	029002	EC	B	128			Erythema	Edema

029101

Dichlorodiphenyl Dichlorethane

029101

Dichlorodiphenyl Dichloroethane

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
44.3	029101	WP	BG	0.16	0.11	0.11	

029201

DDT

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
12.50	029201	PS	B	2570			Erythema	Edema
2.25	009001		B	1800			Erythema	Edema
32.25	086802							
5.00	029201	D	B	>860				
1.00	009001							
5.00	080501							

029601

Dichlone (2, 3-Dichloro-1, 4-Napthoquinone)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
5.0	029601	EC	B			7	Erythema 0	Edema 0
1.5	029601	EC	B	>7500		7	0	0

029601

Dichlorone

029601

Dichlone

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)		
			Species	24h	48h	96h	
99.0	029601	D	RT BG	34.0 42.0	34.0 40.5	34.0 40.5	

029802

3, 6-Dichloro-o-Anisic Acid=Dicamba, Dimethylamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
56.90	029802	EC	B	2480			Erythema	Edema
			F	1050			Erythema	Edema
4.49	029802	EC	B	>2500				

029902

3-Amino-2, 5-Dichlorobenzoic Acid=Chloramben, Ammonium Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
21.1	029902	EC	F	>4000			Erythema	Edema

030001

2, 4-Dichlorophenoxyacetic Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
100.00	030001	D	F	500			Erythema	Edema	Erythema Edema
99.00	030001	EC	B		660	7	0	0	0
98.00	030001	G	F	540					
93.60 0.25	030001 030004	WP	B	>1000					
98.75			B	798					
36.00 34.10	030001 082001	EC	B	1250					

I-124-B-1

030001

2, 4-D

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Days	Washed			<u>Ocular</u>			Unwashed		
					Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
99.0	030001	EC	B	7	0	0	1	0	0	0	1	0	

030002

2, 4-Dichlorophenoxyacetic Acid, Lithium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
53.77	030002	EC	RT BG	0 0	0 0	0(180) 0(180)

030004

2, 4-Dichlorophenoxyacetic Acid, Sodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
95.0	030004	EC	RT	0	0	0(180)
80.0	030004	G	RT	0	0	0(100)

030010

2, 4-Dichlorophenoxyacetic Acid, Alkanolamine Salts of Ethanol and Isopropyl Series

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.870	030010	G	B	>2000			Erythema	Edema
0.125	029802						Erythema	Edema

I-127-C-1

030010

2, 4-Dichlorophenoxyacetic Acid, Alkanolamine Salts of the Ethanol and Isopropyl Series

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
57.1	030010	C	RT BG	0 0	0 0(180)	0(180)	-

030011

2, 4-Dichlorophenoxyacetic Acid, Alkyl * Amine Salt of * (C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
50.7	030011	EC	RT	17.0	15.7	15.7	
	030013		BG	10.0	9.4	9.4	
			BG	7.8	7.0	6.2	
25.1	030011	C	BG	16.2	15.0	15.0	
	082013						
	030013						
	082011						

030019

2, 4-Dichlorophenoxyacetic Acid, Dimethylamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
								Edema
49.60	030019	EC	B	1000		Erythema	Edema	Erythema
49.40	030019	EC	B	2600				
36.80 21.60	030019 029802	EC	M	1550				
24.40 14.22	030019 029802	EC	F	>1250				
13.20 0.80 8.70	030019 029802 030516	EC	B	3150				
12.72 3.70	030019 029802	EC	B	>2250				
8.07 4.61	030019 029802	EC	F	>3500				

030019

2, 4-Dichlorophenoxyacetic Acid, Dimethylamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
12.5	030019	C	RT	10(75)	57.0	43.5	
18.5	017303		BG	>240	197.0	125.0	

030021

2, 4-Dichlorophenoxyacetic Acid, Ethanolamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
33.95	030021	C	RT	88.0	88.0	69.0
32.50	082521		D	460.0		

030023

2, 4-Dichlorophenoxyacetic Acid, Heptylamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
68.6	030023		RT BG	7.7 18.0	4.7 15.0	71.5 15.0	

030029

2, 4-Dichlorophenoxyacetic Acid, N-Oleyl-1, 3-Propylenediamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating			
					Acute	Days	Abraded	Unabraded
29.0	030029	EC	B	>800			Erythema	Edema
27.0	082029						Erythema	Edema

030030

2, 4-Dichlorophenoxyacetic Acid, Octylamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
69.2	030030	EC	BG	28.0	28.0	28.0	

030033

2, 4-Dichlorophenoxyacetic Acid, Triethanolamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
64.7	030033	C	RT	0	0(49)	

030034

2, 4-Dichlorophenoxyacetic Acid, Triethylamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
50.32	030034	C	BG	69.8	50.0	47.5
10.00	030001					
5.75	030034	C	BG	0	0	0(180)
15.80	013807					

030038

2, 4-Dichlorophenoxyacetic Acid, Diethylethanolamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
60.20	030038	EC	M	800			Erythema	Edema
23.06	030038						Erythema	Edema
15.52	030511	EC	B	1800				

030038

2, 4-Dichlorophenoxyacetic Acid, Diethylethanolamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
17.54	030038		BG	19.5	19.2	19.2	
8.84	082038						

030039

2, 4-Dichlorophenoxyacetic Acid, N, N-Dimethyl Oleyl-Linoleyl Amine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
63.86	030039	EC	RT	0.84	0.64	0.64	

030052

2, 4-Dichlorophenoxyacetic Acid, Butoxyethoxypropyl Ester of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
28.0	030052	EC	B	>1800			Erythema	Edema
13.3	082053						Erythema	Edema

030053

2, 4-Dichlorophenoxyacetic Acid, Butoxyethyl Ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm) 24h	48h	96h
			Species	24h	48h			
77.5	030053	G	RT BG	0.87 0	0.65 0	0.65 0(100)		

030055

2, 4-Dichlorophenoxyacetic Acid, Butoxypropyl Ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
72.5	030055	C	RT	11.70	6.60	5.40
21.4	030055		RT	3.95	3.70	3.70
10.0	082555		BG	1.45	1.10	1.10

030056

2, 4-Dichlorophenoxyacetic Acid, Butyl Ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating				
					Screen	Acute	Days	Abraded	Unabraded
100.0	030056	EC	B	400				Erythema	Edema
58.6	030056	EC	B			1100		Erythema	Edema
56.4	030056	EC	B			660			
29.24	030056	EC	B	1000					
28.15	082056								
28.7	030056	EC	B	840					
27.9	082056								
21.4	030056	EC	B	810					
10.4	082056								
20.0	030056	EC	B	2300					
9.8	082056		B	2010					

030056

2, 4-Dichlorophenoxyacetic Acid, Butyl Ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
100.0	030056		RT BG	0.83 0.37	0.80 0.30	0.80 0.30	0.80

030063

2, 4-Dichlorophenoxyacetic Acid, Isooctyl (2-Ethylhexyl)ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating				
					Screen	Acute	Days	Abraded	Unabraded
94.62	030063	EC	B	1060				Erythema	Edema
37.10	030063	EC	B	2800					
			M	2000					
24.54	030063	EC	M	4000					
5.63	082563								
5.92	082063								
17.80	030063	EC	B	3000					
8.40	082563								
17.25	030063	EC	M	>3000					
16.50	082563								
12.00	030063	EC	B	>1250					
5.70	082563								
10.05	030063	EC	F	2800					
9.64	012301								
9.83	063001								
51.63	063501								
7.56	030063	EC	B	5000					
2.45	013803		M	4250					

030063

2, 4-Dichlorophenoxyacetic Acid, Isooctyl (2-Ethylhexyl)ester of

030063

2, 4-Dichlorophenoxyacetic Acid, Isooctyl (2-Ethylhexyl) Ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
95.00	030063	WP	RT	-	-	10(100)
0.45	082563		BG	-	-	0(180)
94.20	030063	L	RT	113.0	105.0	96.0
			BG	68.0	31.5	19.5
85.90	030063	WP	RT	62.0	53.0	51.0
68.70	030063	EC	RT	46.0	36.5	36.5
			BG	25.0	20.2	19.3
39.60	030063	EC	RT	153.00	96.00	64.00
			D	0.96	0.50	-
15.20	030063		BG	8.6	5.3	4.9
7.10	082563					
1.09	030063	PS	BG	6.90	4.75	3.95
0.09	062204					
0.61	012301		BG	5.00	3.60	3.20
0.80	063001					
96.10	006501					

I-143-C-1

030065

2, 4-Dichlorophenoxyacetic Acid, Isooctyl (2-Octyl) Ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)		
			Species	24h	48h	96h	
14.0	030065		RT	22.5	17.0	17.0	
4.3	030063		BG	38.0	17.5	14.2	

030072

2, 4-Dichlorophenoxyacetic Acid, Propylene Glycol Butyl Ether Ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
72.8	030072	C	BG	1.15	0.87	0.83

030501

2-Methyl-4-Chlorophenoxyacetic Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
95.0	030501	WP	B M	800 760			Erythema	Edema

030501

2-Methyl-4-Chlorophenoxyacetic Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
94.0	030501	G	RT	149.0	100.0	89.0	
			RT	143.0	91.0	91.0	
			BG	145.0	100.0	97.0	
			D	0	20(180)	-	

030502

2-Methyl-4-Chlorophenoxyacetic Acid, Sodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
24.0	030502	C	BG	0	0	0(180)

I-147-C-1

030503

2-Methyl-4-Chlorophenoxyacetic Acid, Potassium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
25.9	030503	C	BG	0	0	0(180)

030511

2-Methyl-4-Chlorophenoxyacetic Acid, Diethanolamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
25.8	030511	EC	RT	0	0	0(180)
2.4	029801					
25.5	030038		BG	0	0	0(180)
32.8	030511	L	BG	0	0	0(180)

I-149-A-1

030516

2-Methyl-4-Chlorophenoxyacetic Acid, Dimethylamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
52.10	030516	EC	B	860			Erythema	Edema
7.09	030516		B	>6000			Erythema	Edema
0.86	029802							
2.16	030019							

030516

2-Methyl-4-Chlorophenoxyacetic Acid, Dimethylamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
52.2	030516	C	RT BG	0 0	0 0	0(180) 0(180)
52.1	030516	C	RT BG	0 0	0 0	0(180) 0(180)
24.70 6.18 24.60	030516 029803 030038	C	RT BG	0 0	0 0	0(180)

030703

Sodium N-1-Naphthylphthalamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
8.1	030703	G	B	>1000			Erythema	Edema
5.0	018301						Erythema	Edema

030703

Sodium N-1-Naphthylphthalamte

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
95.00	030703		BG	-	-	0(180)
24.20	030703		RT	6.40	5.35	5.35
15.00	018301		BG	34.30	32.00	20.30
23.98	030703		RT	0.15	0.14	0.13
11.12	037505		BG	0.24	0.15	0.12

030801

4-(2, 4-Dichlorophenoxy) Butyric Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
98.0	030801	D	B	>1000			Erythema	Edema
97.0	030801	WP	B M	>1500 >1200			Erythema	Edema

030801

4-(2, 4-Dichlorophenoxy) Butyric Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
97.0	030801	D	RT BG	22.0 81.0	22.0 28.0	14.3 16.8	

031301

2, 6-Dichloro-4-Nitroaniline

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
75.0	031301	WP	B	2000			Erythema	Edema
50.0	031301	WP	B	>2000			Erythema	Edema
0.5	031301	EC	B	>7500				

031301

2, 6-Dichloro-4-Nitroaniline

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)		
			Species	24h	48h	96h	
95.0	031301	TC	RT	0.56	0.56	0.56	
			BG	1.08	1.08	1.08	
50.0	031301	WP	RT	0.009	0.005	0.004	
			BG	8.100	7.600	7.000	
6.0	031301	D	BG	>100.0	>100.0	-	

031401

2-(2, 4-Dichlorophenoxy) Propionic Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating				
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
95.0	031401	WP	B		365		Erythema	Edema	Erythema	Edema

031401

2-(2, 4-Dichlorophenoxy) Propionic Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
95.64	031401	EC	RT BG	0 0	0 0	20(180) 0(180)	

031463

2-(2, 4-Dichlorophenoxy) Propionic Acid, Isooctyl Ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
3.63	031463	L	BG	47.0	42.0	42.0

031501

2-(2-Methyl-4-Chlorophenoxy) Propionic Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
98.0	031501	G	B	1110			Erythema	Edema
			B	820			Erythema	Edema

031501

2-(2-Methyl-4-Chlorophenoxy) Propionic Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
26.97	031501	C	BG	0	0	0(180)	
26.90	030001		D	0(180)	-	-	
17.31	031501	C	RT	0	0	0(180)	
17.28	030001		BG	0	0	0(180)	

031503

2-(2-Methyl-4-Chlorophenoxy) Propionic Acid, Potassium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (ml/kg) Screen	Dermal Rating					
					Acute	Days	Abraded	Unabraded		
31.5	031503	L	B	2.09			Erythema	Edema	Erythema	Edema

I-157-C-1

031563

2-(2-Methyl-4-Chlorophenoxy) Propionic Acid, Isooctyl Ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
17.70	031563	EC	RT	84.0	67.0	53.5
3.84	098801					

I-158-A-1

031608

Castor Oil

032201

Diquat Dibromide (6, 7-Dihydrodipyrido(1, 2-a:2', 1'-c) Pyrazinedium Dibromide)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
35.30	032201	EC	B F	840	674	7	Erythema 1 0	Edema 0 1
9.78	032201	P	B	>2000		7	0	0
2.21	032201	EC	B	>2500				
1.85	032201	EC	B	5000				

032201

Diquat Dibromide

032201

Diquat Dibromide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
35.30	032201		BG	175.0	88.0	64.0
9.78	032201		RT	0	0(100)	

032401

0, 0-Diethyl 0-2-Pyrazinyl Phosphorothioate

032501

0, 0-Diethyl S-(2-(Ethylthio) Ethyl) Phosphorodithioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
2.0	032501	G	M F	>480 175			Erythema	Edema
1.0	032501	G	B F	250 185			Erythema	Edema

032501

0, 0-Diethyl S-(2-(Ethylthio)Ethyl) Phosphorodithioate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
28.5	032501		RT	0.780	0.530	-	
64.5	006501		BG	0.245	0.135		
25.0	032501	EC	BG	0.48	0.19	0.13	
10.0	032501	G	RT	21.80	18.70	18.70	
7.5	027301						
2.0	032501	G	RT	100.00	92.00	92.00	
			BG	45.00	4.90	1.28	

032701

0, 0-Diethyl 0-(P-(Methylsulfinyl) Phenyl) Phosphorothioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating			
		Type	Sex	Screen	Acute		Abraded	Unabraded		
63.5	032701	EC	M	4.33		7	Erythema 0	Edema 0	Erythema 0	Edema 0
15.0	032701	G	M F	24.00 11.00						

032701

0, 0-Diethyl 0-(P-(Methyl-Sulfinyl)Phenyl) Phosphorothioate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
90.0	032701	L	RT	14.0	11.3	-

034001

Methoxychlor (2, 2-Bis(P-Methoxyphenyl)-1, 1, 1-Trichloroethane

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating			
					Screen	Acute	Days	Abraded
100.0	034001	WP	B	>1500			Erythema	Edema
50.0	034001	WP	B	>4000		7	0	0
			B	>2000				
26.0	034001	EC	F	7500				
2.8	063503							
70.2	086802							
25.0	034001	EC	B	>6000				
72.0	086802		F	5000				
25.0	034001	EC	B	7500				
7.0	006501		B	>5000				
63.0	086802							
24.0	034001	EC	B	5100		7	3	0
69.0	054002		B	7500				
23.8	034001	EC	B	>7500				
70.8	006501							

034001

Methoxychlor

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)		Dermal Rating	
				Screen	Acute	Days	Abraded
17.5	034001	EC	F	158			Erythema
4.7	084001						Edema
11.7	057701						Erythema
61.1	006602						Edema
16.0	034001	EC	F	3710			
16.0	057701						
63.0	063503						
15.0	034001	D	B	2000			
15.0	034001	WP	B	>1500			
10.0	081301						
5.0	057701						
15.0	034001	D	B	>1500			
7.5	057701		M	>1500			
15.0	081301						
11.0	034001	D	B	>2000			
10.99	034001	D	B	>2000			
0.06	069001						
0.60	067501						
10.0	034001	D	B	>2200			
1.0	057001						
1.0	047201						
5.0	011901						

034001

Methoxychlor

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
10.00	034001	WP	B	>1500			Erythema	Edema
5.00	057701						Erythema	Edema
7.00	081301							
6.00	034001	D	B	>4200				
0.06	069001							
0.51	067501							
5.00	057701							
5.50	034001	EC	B	>1250				
1.40	083108							
1.40	010501							
5.50	057701							
73.70	006501							
5.00	034001	D	B	>2090				
4.00	057701		B	>4000				
5.00	034001	D	B	>2000				
0.10	069001							
1.00	067501							
4.00	057701							

034001

Methoxychlor

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
5.00	034001	EC	B	860			Erythema	Edema
0.90	010501						Erythema	Edema
6.00	058702							
49.60	006601							
3.00	034001	EC	B	>7500				
1.50	010002							
95.50	063502							
2.50	034001	WP	B	>2000				
0.05	069001							
0.60	067501							
2.00	034001	EC	B	>10,000				
1.00	044901							
2.00	057701							
2.00	034001	D	B	>1500				
2.00	029001							
0.20	034001	PS	B	>5000				
1.00	069001							
1.02	067501							
	063503							

034001

Methoxychlor

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
					Erythema	Edema	Erythema
1.00	034001	PS	M	>3000			Edema
0.10	004001						
0.17	057001						
1.00	047101						
2.61	063503						
0.75	034001	EC	B	>7500			
0.20	040501						
1.00	010002						
98.05	063503						
0.50	034001	PS	B	>5000			
0.50	031601						
0.10	069001						
1.00	067501						
0.500	034001	PS	B	>5000			
0.024	071003						
0.048	071004						
0.056	069001						
10.280	063503						

034001

Methoxychlor

034001

Methoxychlor

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50 (ppb)		
			Species	24h	48h	96h	
100.0	034001	EC	RT	15.0	11.7	11.0	
			RT	13.3	8.8	8.8	
			BG	52.5	47.5	43.0	

034201

P-(Dimethylamino) Benzenediazo Sodium Sulfonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
35.0	034201	WP	M	160			Erythema	Edema

034201

P-(Dimethylamino) Benzenediazo Sodium Sulfonate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
70.0	034201	WP	RT BG	0 140.0	143.0 75.0	- 22.0
35.0	034201	C	RT	0	10(240)	

034401

Naled (1, 2-Dibromo-2, 2-Dichloroethyl Dimethyl Phosphate)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Acute	Days	Dermal Rating	
							Abraded	Unabraded
58.0	034401	EC	F		135		Erythema	Edema
20.0	086802		B	126			Erythema	Edema
36.0	034401	EC	B	250				
51.0	006501		F		520			
36.0	034401	EC	B	302				
49.0	006501							
26.0	034401	EC	F		1000	7	4	4
61.0	006501							
20.0	034401	EC	B	780				
80.0	063503							
10.0	034401	EC	B	>1000				
45.0	063503							
45.0	006601							
1.0	034401	EC	B	14000				
96.0	006601		B	>10000				

034401

Naled

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
58.0	034401	EC	BG	2.45	1.85	1.20
20.0	086802					
58.0	034401	L	RT	240.00	215.00	215.00

034801

Ferbam

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
76.0	034801	WP	B	>1500			Erythema	Edema

034802

Manganese Dimethyldithiocarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
48.0	034802		BG	4.0	1.8	1.8	
2.2	009202						
2.4	009201						
12.4	079801						

034804

Sodium Dimethyl Dithiocarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
27.6 1.2	034804 051704	C	RT	2.50	-	0.04
13.8	034804	C	RT	19.00	8.60	8.60

034805

Ziram (Zinc Dimethyl Dithiocarbamate)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
98.0	034805	D	B	1130			Erythema	Edema

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034805

Ziram

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
76.0	034805	D	RT	0.30	-	-

035001

Dimethoate (O, O-Dimethyl S-(Methylcarbamoyl)methyl) Phosphorodithioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
94.0	035001	G	F F	210 170			Erythema	Edema
30.5	035001	EC	F	350				
23.4	035001	EC	B M B	620 1040 750	700		Erythema	Edema
23.40 1.51 65.10	035001 084001 063503	EC	B	462				
15.91 1.01 73.07	035001 084001 063503	EC	B M	750 900				
15.91 0.95 30.76	035001 084001 006602	EC	M	560				
1.00 2.00 97.00	035001 067002 063503	EC	M	6200				

035001

Dimethoate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
95.0	035001	G	RT	23.0	10.0	7.5
30.5	035001		RT	73.0	25.0	
			RT	42.0	-	
			CA	232.0	180.0	<115.0

035101

Diaminozide (Butanedioic Acid Mono(2, 2-Dimethylhydrazide))

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
85.0	035101	WP	B	>2000 >1500			Erythema	Edema

035101

Daminozide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
85.0	035101	WP	BG	0	0	0(100)	
5.0	035101	C	RT BG	0 0	0 0	0(100) 0(100)	

035201

Dimethyl Phosphate Ester of α , α , α -Trifluoro-4-Nitro-M-Cresol

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating					
					Acute	Days	Abraded	Unabraded		
82.0	035201	EC	B	13.5			Erythema	Edema	Erythema	Edema

035201

Dimethyl Phosphate Ester of α , α , α , Trifluoro-4-Nitro-M-Cresol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
82.0	035201	TC	BG	106.0	44.0	-

035301

Bromoxynil (3, 5-Dibromo-4-Hydroxybenzonitrile)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
95.0	035301	D	B F		370 220		Erythema	Edema

035501

Monuron

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
32.5	035501	TC	RT	3.8	3.6	3.6

035502

Monuron Trichloroacetate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
98.0	035502	WP	F	>1500			Erythema	Edema
80.0	035502	WP	B	1500			Erythema	Edema
				>2000				
25.2	035502	G	B	2000				
6.50	035502	TAB	B	>1500				
0.09	004201							
0.09	029601							
4.0	035502	EC		.		7	4	4
91.0	006501							
1.5	035502	D	B	>2000				
0.4	080803							
1.1	080807							
0.38	035502	G	B	>2000				
0.34	036601							
1.00	044801							

035502

Monuron Trichloroacetate

035503

Fluometuron

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
96.0	035503	D	B	1500		7	Erythema 0	Edema 0
80.0	035503	WP	B M	>1500 1240			Erythema 0	Edema 0

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035503

Fluometuron

035503

Fluometuron

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
80.0	035503	D	RT	59.0	52.0	30.5

035505

Diuron

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
80.0	035505	WP	B	>2000			Erythema	Edema
28.0	035505	D	B	4700			Erythema	Edema

035505

Diuron

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)		
			Species	24h	48h	96h	
95.0	035505	D	RT BG	4.75 7.20	2.55 4.70	1.65 2.70	
28.0	035505	WP	RT BG	74.0 0	37.5	23.8 84.0	

035509

Siduron

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
2.3	035509	D	B	>1500			Erythema	Edema

035509

Siduron

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
3.10	035509	G	RT	0	0(100)	10(100)
2.30	035509	G	RT	140.0	33.0	9.4
0.69	044801		BG	0	0(100)	-
			CA	0	0(100)	-

035601

Bis(Trichloromethyl) Sulfone

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)		
			Species	24h	48h	96h	
98.0	035601	TC	BG D	100.00 364.00	100.00 -	86.00 -	
5.0	035601		BG		1.72	1.50	1.20

035602

Tetrahydro-3, 5-Dimethyl-2H-1, 3, 5-Thiadiazine-2-Thione

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
24.0	035602	EC	B	4000			Erythema	Edema
21.0	035602	EC	M	1410			Erythema	Edema

035602

Tetrahydro-3, 5-Dimethyl-2H-1, 3, 5-Thiadiazine-2-Thione

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)	
			Species	24h	48h	96h
98.0	035602		BG	61.0	61.0	
25.5	035602		RT BG	11.5 48.0	1.9 14.0	-
24.0 9.0	035602 047501	C	RT	31.0	11.7	3.4
24.0	035602	B	RT	26.0	12.5	2.4

035603

2-(Thiocyanomethylthio) Benzothiazole

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
40.0	035603	EC	B	700			Erythema	Edema
35.0	035604						Erythema	Edema

035608

S-(Chloromethyl)Ester of 1-Butanesulfonate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm) 24h	48h	96h
			Species	24h	48h			
15.0	035608		RT	0.24	0.24	0.22		
15.0	035609		BG	1.13	1.05	1.00		

035901

Metobromuron

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
50.0	035901	WP	RT BG	77.0 0	64.0 60(100)	48.0	

036001

2, 4-Dinitro-6-Octyl * Phenyl Crotonate, 2, 6-Dinitro 4-Octyl * Phenyl Crotonate and Nitrooctylphenols
(Principally Dinitro) * (a mixture of 1-Methylheptyl, 1-Ethylhexyl and 1-propylpentyl)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
19.5	036001	D	B	>1500			Erythema	Edema

036001

2, 4-Dinitro-6-Octyl * Phenyl Crotonate, 2, 6-Dinitro 4-Octyl * Phenyl Crotonate and
Nitrooctyl Phenols (Principally Dinitro) * (a mixture of 1-Methylheptyl, 1-Ethylhexyl, and 1-Propylpentyl

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)		
			Species	24h	48h	96h		
3.13	036001	EC	RT	0.53	0.52	0.50		

036101

Trifluralin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
44.5	036101	EC	M	3400			Erythema	Edema

036201

 α, α, α , Trifluoro-4-Nitro-Metacresol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
40.0	036201	L	RT BG	6.5 19.5	5.6 17.5	3.7 17.5	
39.8	036201	L	BG	16.0	16.0	16.0	
39.5	036201	L	RT BG	3.2 15.0	3.1 15.0	2.6 15.0	

036501

0, 0-Diethyl 0-3-Chloro-4-Methyl-2-Oxo-2H-1-Benzopyran-7-YL Phosphorothioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
26.3	036501	WP	M B	>500 >316			Erythema	Edema
11.6	036501	EC	B	198			Erythema	Edema
83.4	006601		B	220				
5.0	036501	D	M	>1640				
4.0	036501	EC	B B	750 500				
1.0	036501	D	B F	>1500 >2000				

036601

Diphenamid

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating						
					Screen	Acute	Days	Abraded	Unabraded		
50.0	036601	WP	B M	>1500 >1500				Erythema	Edema	Erythema	Edema
18.3 22.3	036601 037506	EC	B	184							

036601

Diphenamid

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)	
			Species	24h	48h	96h
80.0	036601	WP	RT	98.0	73.0	60.0
50.0	036601	WP	RT	6.00	3.25	2.40

037505

Dinoseb

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
55.0	037505	EC	B		60		Erythema	Edema

037506

Dinoseb, Triethanolamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)		
			Species	24h	48h	96h	
51.0	037506	L	BG	0.230	0.128	0.110	

037601

4-(Methylsulfonyl)-2, 6-Dinitro-N, N-Dipropylaniline

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
43.61	037601	EC	B	>10,000			Erythema	Edema

037801

Dioxathion

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
30.0	037801	EC	B	68	7	Erythema	Edema	Erythema	Edema
60.0	054002		B	75		0	0	0	0
			F			54			
30.0	037801	EC	M	182.0	7	4	2	4	2
57.0	054002		M						
			F						
15.00	037801	EC	B	250	200				
1.07	084001		B	280					
68.93	006501		F	105					
15.0	037801	EC	B	340					
75.0	006501		F	220					
5.0	037801	WP	B	770					
1.0	032101								
1.0	084001								
25.0	067002								
49.0	063502								

037801

Dioxathion

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
5.0	037801	EC	F	360			Erythema	Edema
1.0	084001						Erythema	Edema
10.0	032101							
25.0	067002							
49.0	063503							

037801

Dioxathion

037801

Dioxathion

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)		
			Species	24h	48h	96h	
90.0	037801	L	BG	50.0	32.5	20.5	
80.0	037801	L	RT	105.0	60.0	44.5	
			BG	56.0	30.0	20.0	

038201

2, 4-Dichlorophenyl P-Nitrophenyl Ether

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	038201	WP	>1500				Erythema	Edema
25.0	038201	EC	1900				Erythema	Edema

038501

Diphenylamine

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
83.0	038501	D	B	>1200			Erythema	Edema
35.0	038501				4400			
35.0	008801				>2000			
55.0	079014							
35.0	038501	S	B	>3500				
7.5	079014		F	>3000				
35.0	008801							
35.0	038501	EC	B	>3500				
7.9	079014							
35.0	008801							

038501

Diphenylamine

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
31.0	038501	EC	RT	6.60	5.20	3.75	

038801

2, 6-Di-Tert-Butyl-p-Tolyl Methylcarbamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
80.0	038801	WP	B	>1000			Erythema	Edema

038801

2, 6-Di-Tert-Butyl-p-Tolyl Methylcarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)		
			Species	24h	48h	96h	
80.0	038801	WP	RT BG	0 0	0 0	0(100) 0(100)	

038903

7-Oxabicyclo (2.2.1) Heptane-2, 3-Dicarboxylic Acid=Endothal, Disodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
19.0	038903	EC	F	134			Erythema	Edema

038904

7-Oxabicyclo (2.2.1) Heptane-2, 3-Dicarboxylic Acid=Endothall, Dipotassium Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
22.1	038904	EC	B	70			Erythema	Edema
25.3	082503						Erythema	Edema

038904

7-Oxabicyclo (2, 2.1)Heptane-2, 3-Dicarboxylic Acid=Endothall, Disodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
5.6	038904	G	BG	0	0	0(100)

038905

7-Oxabicyclo (2.2.1) Heptane-2, 3-Dicarboxylic Acid=Endothal, Mono (N, N-Dimethyl Alkyl * Amine)
Salt of * (as in fatty acids of Coconut Oil)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
66.7	038905	EC	B	205			Erythema	Edema
15.9	038905	EC	F	286			Erythema	Edema

039001

2-Chloroallyl Diethyldithiocarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
20.0	039001	G	RT BG	1.75 6.70	1.37 5.00	1.15 4.00

039003

Sodium Methylidithiocarbamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
32.7	039003	EC	M	1250			Erythema	Edema

039105

Copper Ethylenediaminetetraacetate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
51.5	039105		BG	24.0	23.0	23.0
12.5	069129					

039107

Tetrasodium Ethylenediaminetetraacetate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.50	039107	PS	B	>5000			Erythema	Edema
0.01	072604						Erythema	Edema
0.02	069105							
0.08	069175							

039107

Tetrasodium Ethylenediaminetetra-Acetate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
5.00	039107		RT	172.0	156.0	156.0
0.09	169108					
0.09	069111					
0.25	040501					
3.00	001507					

039117

Ethylenediaminetetraacetic Acid, Ammonium Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
51.5	039117	EC	B	760	7	Erythema	Edema	Erythema	Edema
12.5	069129					4	2	4	2

039117

Ethylenediaminetetraacetic Acid, Ammonium Salt of

040502

Oil Of Lemongrass

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
7.0	040502	PS	B	>5000			Erythema	Edema
0.2	004901						Erythema	Edema

041001

2-Ethyl-1, 3-Hexanediol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
20.00	041001	PS	B	>5000	7	Erythema	Edema	Erythema	Edema
0.02	071004		B	3570		0	0	0	0
0.08	071003								
20.00	041001	PS	B	2500	7	0	0	0	0

041001

2-Ethyl-1, 3-Hexanediol

Active Ingredient(s) %	Chemical Code	Formulation			Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
20.00	041001	PS	B	7	0	0	1	1	0	0	1	1	
0.02	071004												
0.08	071003			7	0	0	0	0	0	0	0	0	
20.00	041001	PS	B	7	0	0	1	0	0	0	1	0	

041001

2-Ethyl-1, 3-Hexanediol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
37.46	041001	C	RT	1.58	1.30	1.15	
24.75	067314						

041101

Ethoprop

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating				
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
10.0	041101	D	F	215			Erythema	Edema	Erythema	Edema

041101

Ethoprop

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
92.0	041101		RT	12.80	3.90	1.15
10.0	041101	G	RT D	90.0 0	36.0 690.0	10.3 -

041301

S-Ethyl Cyclohexylethylthiocarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
73.9	041301	L	RT	10.50	8.20	6.00

041401

S-Ethyl Dipropylthiocarbamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
87.80	041401	EC	B	2000			Erythema	Edema
76.97	041401	EC	B	1200			Erythema	Edema
2.30	041401	G	B	>2000				
			B	>1500				

041401

S-Ethyl Dipropylthiocarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
77.1	041401	EC	BG CA	0 28.5	0 26.8	22.6 25.2	
2.3	041401	G	BG CA	0 0	0 0	0(100) 0(100)	

041402

S-Ethyl Hexahydro-1H-Azepine-1-Carbothioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
90.9	041402	EC	M	>900			Erythema	Edema

041402

S-Ethyl Hexahydro-1H-Azepine-1-Carbothioate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
99.5	041402		BG	24.2	23.0	19.5
71.0	041402		RT	13.0	9.6	7.9
			BG	23.5	23.0	16.0

041403

S-Propyl Butylethylthiocarbamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
77.56	041403	EC	B	1450			Erythema	Edema

041404

S-Propyl Dipropylthiocarbamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating				
		Type	Sex		Screen	Acute	Days	Abraded	Unabraded
77.4	041404	EC	B	1480			Erythema	Edema	Erythema Edema
75.9	041404	EC	B	1600					
10.0	041404	G	B M	>2000 >1500					

041404

S-Propyl Dipropylthiocarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
77.38	041404	EC	RT	10.0	9.5	9.0
			BG	15.2	13.3	12.5
			BG	14.0	12.8	11.8
			CA	12.7	12.7	12.7

041405

S-Ethyl Diisobutylthiocarbamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
78.25	041405	EC	B B	5100 3500			Erythema	Edema
18.00	041405	G	B	>1500			Erythema	Edema
6.00	080803							
10.00	041405	G	B	>1500				

041405

S-Ethyl Diisobutylthiocarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
36.0	041405	WP	BG	16.2	12.3	12.3
12.0	080803					
10.0	041405	G	RT	0	0	0(100)
2.3	041405	G	RT	0	0	0(100)

041601

Endrin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
19.4 76.8	041601 006601	EC	F	48			Erythema	Edema
18.3 18.3 57.4	041601 053501 063503	EC	M	51			Erythema	Edema
9.4	041601	EC	M	190				

041701

O-Ethyl S-Phenyl Ethylphosphonodithioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
44.6	041701	EC	M	16.7			Erythema	Edema
44.9	006501						Erythema	Edema
10.0	041701	G	F	56.0				

041801

O-Ethyl O-(p-Nitrophenyl) Phenylphosphonothioate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)		
			Species	24h	48h	96h	
56.0	041801	EC	RT	0.250	-	0.143	
33.0	086802		BG	1.200	0.470	0.290	
25.0	041801	WP	RT	0.420	0.335	0.320	
			BG	1.050	0.900	0.600	
20.94	041801	EC	BG	1.57	0.92	0.65	
29.20	086802						
41.90	053501						

042003

Ethylene Dichloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	042003	EC	B	1000			Erythema	Edema

042004

Methylene Chloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
15.00	042004	PS	B	>5000			Erythema	Edema
0.20	004003						Erythema	Edema
0.40	067501							
0.40	057001							
0.95	057701							
8.00	063503							
31.00	081202							
11.00	042004	PS	B	900				
0.05	069001							
0.40	071004							
2.80	067002							
13.75	063503							
20.00	000014							
20.00	000013							
32.00	078501							

042202

2-Methoxyethanol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
100.0	042202	C	RT BG	0 0	0 0	0(100) 0(180)

042402

Cupric Ferris Subsulfate Complex

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50(ppm)		
				24h	48h	96h
9.7	042402	SUD	PC	0	-	-
6.1	050503					

043001

Formaldehyde

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
37.0	043001	C	RT BG	- 145.0	160.0 92.0	- 68.0	
32.37 10.00	043001 169108	C	RT RT	10.3 9.7	8.7 8.8	7.9 7.8	
27.75 20.00	043001 169108	C	RT RT	4.75 5.20	4.60 4.00	4.10 2.00	
25.9 19.2 8.4	043001 079065 053801	C	RT BG	0 0	0 0	40(180) 20(180)	

043002

Paraformaldehyde

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	043002	WP	B	720			Erythema	Edema

I-222-C-1

043002

2, 3, 4, 5-Bis (2-Butylene) Tetrahydro-2-Furaldehyde

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50 (ppm)		
				24h	48h	96h
91.0	043002	D	RT	165.0	60.0	

043401

Cycloheximide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
2.10	043401	D	B	100			Erythema	Edema
1.30	043401	D	B	155			Erythema	Edema
75.00	056502							
0.03	043401	D	B	>2000				

I-224-A-1

043601

Glyodin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
37.5	043601	WP	B	620			Erythema	Edema
22.5	044301						Erythema	Edema

I-224-C-1

043601

Glydoin

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
37.5	043601	WP	RT	0.97	1.05		
	044301		RT	0.84	0.58	0.47	
			BG	1.12	0.85	0.85	

043801

Gibberellic Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
29.600	043801	TAB	F	>1500			Erythema	Edema
0.005	043801	PS	B	>5000			Erythema	Edema

043901

Glutaraldehyde

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
2.0	043901	EC	B B	7500 6500			Erythema Edema	Erythema Edema

044002

Copper Acetate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50 (ppm)	
			Species	24h	48h	96h
10.0	044002		BG D	47.0 14.8	34.5 -	34.5

044201

Mexacarbate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
11.0	044201	EC	M	140			Erythema	Edema
58.0	006501						Erythema	Edema

044301

Dodine

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
65.0	044301	WP	B	620			Erythema	Edema

044303

Dodecylguanidine Hydrochloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
10.0	044303	C	RT	5.60	2.90	1.90	
5.0	068102		BG	3.75	3.05	2.40	

044801

Heptachlor

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
37.37	044801	EC	M	360			Erythema	Edema
33.01	044801	EC	M	250			Erythema	Edema
62.96	086803		M	240				
13.90	044801	G	B	700				
6.94	044801	G	B	1320				
6.70	044801	EC	B	>1220				
3.80	044801	G	F	500				
2.50	044801	G	F	>700				
3.52	086802							

044801

Heptachlorotetrahydro-4, 7-Methanoindene(Heptachlor)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)		
			Species	24h	48h	96h	
99.9	044801	EC	RT BG	1.65 8.30	1.13 7.20	1.05 5.30	

044901

2, 2'-Methylenebis (3, 4, 6-Trichlorophenol)

044901

2, 2'-Methylenebis (3, 4, 6-Trichlorophenol)

Active Ingredient(s) %	Chemical Code	Formulation			Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
96.0	044901	WP		7	1	1	1	1	4	2	3	2	
20.0	044901	EC		7	1	1	1	0	1	0	0	0	

044901

2, 2'-Methylenebis (3, 4, 6-Trichloropheno1)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
25.0	044901	EC	RT BG	0.195 0.470	0.155 0.370	0.120 0.350	

044901

2, 2'-Methylenebis (3, 4, 6-Trichlorophenol)

044902

2, 2'-Methylenebis (3, 4, 6-Trichlorophenol), Monosodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
20.0	044902	EC	B	750		7	Erythema 1	Edema 0	Erythema 0	Edema 0

044902

2, 2'-Methylenebis (3, 4, 6-Trichlorophenol), Monosodium Salt of

044902

2, 2'-Methylenebis (3, 4, 6-Trichlorophenol) Monosodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
20.0	044902	RT	0.22	0.18	0.16	
		BG	0.66	0.61	0.49	
		BG	0.61	0.52	0.48	
		BG	0.48	0.39	0.38	

045001

Dieldrin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.4	045001	WP	B	>90			Erythema	Edema
20.0	045001	EC	B	280				
2.0	084001							
18.7	045001	EC	F	240				
75.2	063503							
18.6	045001	EC	B		320			
81.4	063503							
18.6	045001	EC	B	316				
78.4	063503							
18.6	045001	EC	B	191				
77.4	063503		B	117				
18.6	045001	EC	B	420				
70.4	063503							
17.5	045001	EC	F	330				
79.5	006501							

045001

Dieldrin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
10.00	045001	G	B F	490 360			Erythema	Edema
9.86 85.70	045001 063503	EC	F	590			Erythema	Edema
6.20 39.30	045001 063503	EC	F	320				
1.68 2.00	045001 063503	WP	B	>4000				
0.50 69.50	045001 063503	PS	B	>5000				
0.50 99.50	045001 063503	EC	B	>5000				

045101

Aldrin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
43.7 10.0	045101 086803	EC	F	75			Erythema	Edema
43.4	045101	EC	F	135			Erythema	Edema
43.1 50.0	045101 063503	EC	F	91				
43.0 49.0	045101 063503	EC	B	109				
20.0	045101	G	B F	480 200				

045901

Hydrogen Chloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
24.57	045901						Erythema	Edema
0.30	069104	EC	B	500			Erythema	Edema
0.30	069106							
23.00	045901							
0.05	169108	EC	B	1000				
0.05	083108							
23.00	045901							
0.50	069105	EC	B	500				
23.00	045901							
		EC	B	1000				
21.84	045901							
0.16	046618	EC	B	710				
2.00	009601							
8.50	045901							
2.00	069143	EC	B	3400				
			B	2700				
8.37	045901							
0.23	004101	EC	B	1500				
0.80	062214							

045901

Hydrogen Chloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
6.0	045901	EC	B	2500	7	Erythema	Edema	Erythema
1.0	000101					4	0	4
3.0	069129							
3.0	076001							0

045901

Hydrogen Chloride

046501

Parinol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating					
		Type	Sex		Screen	Acute	Days	Abraded		
4.0	046501	EC	B	4000		7	Erythema 0	Edema 0	Erythema 0	Edema 0

046501

Parinol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
95.0	046501	TC	BG	1.54	1.22	1.00

046701

Indole-3-Butyric Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.0004	046701	EC	B	5000			Erythema	Edema

046801

Butyl 3, 4-Dihydro-2, 2-Dimethyl-4-Oxo-2H-Pyran-6-Carboxylate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
95.0	046801	EC	B	10,000			Erythema	Edema

046801

Butyl 3, 4-Dihydro-2, 2-Dimethyl-4-Oxo-2H-Pyran-6-Carboxylate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50 (ppm)		
				24h	48h	96h
100.0	046801		BG	60.0	42.0	39.5

046901

Butoxypolypropoxypolyethoxyethanol-Iodine Complex

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
15.5	046901	EC	F	>2500			Erythema	Edema
6.5	076001						Erythema	Edema

046901

Butoxypolypropoxypolyethoxyethanol-Iodine Complex

046903

Nonylphenoxypolyethoxyethanol-Iodine Complex

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating		
				Screen	Acute	Days	Abraded	Unabraded	
15.13 20.00	046903 076001	EC				7	Erythema 2	Edema 0	Erythema 2
14.25 12.50	046903 076001	EC	B F	>3500 3500					Edema 0
14.0 15.0	046903 076001	EC	B B	>3500 >5000		7	3	2	3 2
13.75 3.00 7.00	046903 045901 000101	EC		-		7	4	2	0 0
13.05 6.50	046903 076001	EC		-		7	1	0	0 0
8.75 1.50 3.50	046903 045901 000101	EC	M	>2500		7	0	0	0 0

046903

Nonylphenoxypropylmethoxyethanol-Iodine Complex

046913

Alkyl * Bis (2-Hydroxyethyl) Benzyl Ammonium Chloride Polyethoxypolypropoxypolyethoxyethanol
Iodine Complex * (54% C₁₂, 18% C₁₄, 9% C₁₆, 9% C₁₈, 5% C₁₀, 5% C₈)

046918

Alkyl * Poly(oxypropylene) Poly(oxyethylene)-Iodine Complex * (100% C₁₂-C₁₅)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
15.75 6.00	046918 076001	EC	F	>2400		7	Erythema 0	Edema 0	Erythema 0
13.8 5.0 7.5	046918 047501 076001	EC	B	>4000		7	0	0	0
13.8 7.5	046918 076001	EC	B	6000		7	0	0	0

046918

Alkyl * Poly(oxypropylene)Poly(oxyethylene)-Iodine Complex * (100% C₁₂-C₁₅)

047101

Isobornyl Thiocyanoacetate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
5.0	047101	EC	B	2500		7	Erythema	Edema	Erythema
35.0	068603						0	0	0
5.0	047101	EC	B	>794					
1.0	071003								
2.0	071004								
5.0	047101	ONT	B	>2500		7	0	0	0

047201

Dipropyl Isocinchomeronate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
4.0	047201	RS	B	>1000			Erythema	Edema

047501

Isopropyl Alcohol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
72.3	047501	EC	B	>2500			Erythema	Edema
0.3	071003						Erythema	Edema
2.0	097001							
20.0	009501							
37.0	047501	EC	B	>2400				
3.0	069137							
30.0	047501	PS	B	5000				
20.0	041001							
25.0	047501	PS	B	>5000				
24.50	047501	EC	B	>3500				
0.02	040501		M	>3250				
0.02	076601							
0.58	067003							
0.88	072604							
4.80	062214							
6.70	079009							
24.40	047501	PS		-		7	0	0
0.15	054901						0	0
0.50	040501							0

047501

Isopropyl Alcohol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
22.70	047501	PS	B	>5000			Erythema	Edema
3.50	040501						Erythema	Edema
4.40	068603							
4.40	083501							
20.00	047501	PS	B	>5000				
8.00	068603							
12.00	083501							
18.75	047501	EC	B	>4000				
0.50	040501							
1.00	076601							
3.00	079022							
7.00	079021							
8.44	062201							
17.65	047501	EC	B	>1500				
4.14	076601							
6.45	067003							
11.00	079009							

047501

Isopropyl Alcohol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
15.00	047501	EC	B	>5000			Erythema	Edema
10.00	086801						Erythema	Edema
20.00	079009							
12.00	047501	EC	M	>3250				
1.00	039107							
6.00	062201							
11.82	047501	EC	B	>2500				
0.20	040501							
1.90	039107							
2.71	064111							
4.16	064108							
4.48	079008							
6.43	062202							
5.00	047501	PS	B	>5000				
25.00	069122							
5.00	047501	PS	B	>5000				
0.25	069122							
5.00	047501	EC	B	>3500				
0.30	072604							
0.40	076406							
2.00	169108							
5.00	047501	PS	M	>5000	7	3	0	3
0.11	062201							
0.25	044901							

047501

Isopropyl Alcohol

047501

Isopropyl Alcohol

047501

Isopropyl Alcohol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
49.0	047501	C	RT	0	0	0(100)
18.8	043001		BG	0	0	10(180)
37.4	047501	C	RT	0.64	0.64	0.64
8.0	062205					
17.0	055006		BG	0.93	0.75	0.70
			D	2.45	1.42	-
33.5	047501	C	RT	0.89	0.77	0.46
33.0	169109		BG	1.25	1.05	1.00
30.0	047501	C	RT	2.10	1.58	1.13
23.5	067313		BG	1.45	1.45	1.45
30.0	047501	C	RT	1.77	1.35	1.35
15.0	067304		BG	3.00	2.40	2.30
30.0	047501	SUD	RT	1.40	1.40	1.40
10.0	044301		BG	1.18	1.18	1.18
20.0	047501	SUD	RT	12.80	7.50	4.80
6.0	068102					

047802

O-Isopropoxymethyl Carbamate

047802

0-Isopropoxyphenyl Methylcarbamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.00 69.00	047802 063503	EC	B	>5000			Erythema	Edema
1.00 81.24	047802 063503	EC	B	3500			Erythema	Edema
1.00 9.00 90.00	047802 011501 063503		F	>1250				
1.00 0.03 0.06 1.06 76.85	047802 069001 069502 010002 063503	PS	M	>5000		7	3	0
0.67 0.20 89.10	047802 084001 063503	EC	M	>2500				
0.50 80.80	047802 063503	PS	B	>5000				
0.50 0.20 83.03	047802 084001 063503	EC	B	6000 >5000				
0.50 0.20 86.13	047802 084001 063503	EC	B	7500				

047802

O-Isopropoxyphenyl Methylcarbamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.50 91.47	047802 063503	EC	B	2500			Erythema	Edema
0.50 0.20 86.13	047802 084001 063503	EC	B	4100			Erythema	Edema
0.25	047802	PS	B	>5000				

047802

O-Isopropoxyphenyl Methylcarbamate

047802

O-Isopropoxyphenyl Methylcarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
85.0	047802	EC	RT	32.0	21.3	18.3
15.0	069001		BG	16.9	12.2	11.5
13.9	047802	EC	RT	17.8	17.8	17.1
2.0	047802	G	RT BG	99.0 0	92.0 0(180)	92.0 -

050502

Ferrous Sulfate Heptahydrate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50 (ppm)		
			Species	24h	48h	96h	
95.0	050502	D	RT BG	75.0 138.0	71.0 138.0	71.0 138.0	
32.5	050502	G	RT BG	57.0 0	56.0 0 (180)	55.0 -	

051501

1, 2-Dihydro-3, 6-Pyridazinedione

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
21.6	051501	SUD	BG	0	0	0(100)

051502

1, 2-Dihydro-3, 5-Pyridazinedione, Diethanolamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
58.0	051502	EC	F B	>4000 >2000			Erythema	Edema

051503

1, 2-Dihydro-3, 6-Pyridazinedione, Potassium Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
58.0	051503	EC	B	>3500			Erythema	Edema
21.7	051503	EC	B	>5000			Erythema	Edema
			B	>2500				

051909

Cyno(Methylmercuri)Guanidine

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)	
			Species	24h	48h	96h
99.5	051909		RT	0.37	0.30	0.29
2.2	051909		RT BG	0.15 0.39	0.11 0.32	0.08 0.26

052201

Mercurous Chloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.80	052201	G	B	>2050			Erythema	Edema
0.90	052001						Erythema	Edema

052201

Mercurous Chloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
1.9	052201		RT	48.0	30.5	15.4	
1.8	052001		BG	50.0	38.0	33.6	

053001

Metaldehyde

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
99.0	053001	WP WP	B B	270 248			Erythema	Edema
20.0	053001	C	B	>634			Erythema	Edema
17.5	053001	B	B	>794				
15.0	058201							

053001

Metaldehyde

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
99.0	053001		RT BG	71.0 0	71.0 0	62.0 10(100)
98.2	053001		BG	0	0	0(100)

✓

053301

Fenthion

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating				
					Screen	Acute	Days	Abraded	Unabraded
93.0	053301	EC	B	370				Erythema	Edema
			B	200				Erythema	Edema
25.2	053301	EC	F	810					
69.8	006601								
20.0	053301	EC	M	1200					
11.0	053301	EC	M	3750					
11.0	006601		F	2940					
5.0	053301	PS	M	2500					
3.0	053301	EC	B	2700					

053301

Fenthion

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC_{50} (ppm)
			Species	24h	48h	
93.0	053301	L	RT	1.33	1.18	0.84

053501

0, O-Dimethyl O-P-Nitrophenyl Phosphorothioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
45.00	053501	EC	F	53.4			Erythema	Edema	Erythema Edema
50.00	086802								
45.00	053501	EC	F	43.0					
48.00	006501								
43.50	053501	EC	F	20.0					
44.50	086802								
22.00	053501	EC	F	35.0					
5.61	086802								

053501

0, 0-Dimethyl O-P-Nitrophenyl Phosphorothioate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
45.3	053501	EC	BG	14.5	14.2	13.3
48.7	086802					
44.6	053501	EC	BG	15.4	13.7	11.2
44.8	086802					
41.9	053501	EC	BG	1.57	0.92	0.65
20.9	041801					
26.7	086802					
18.3	053501	EC	RT	0.011	0.005	0.003
18.3	041601		BG	0.010	0.004	<0.003
57.4	063503					

053801

Methyl Alcohol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
99.0	053801	C	RT	24,000	22,800	21,500
25.0	053801	C	RT	0	0	0(180)
24.0	079065		BG	0	0	0(180)

054002

Polymethyl Naphthalenes

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
16.0	054002	D	B	>1000			Erythema	Edema
0.5	011901						Erythema	Edema
1.0	010002							
4.5	055801							
9.0	063503							

054101

6-Methyl-2, 3-Quinoxalinedithiol Cyclic S, S-Dithiocarbonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
85.0	054101	G	F	800			Erythema	Edema
25.0	054101	WP	M	>1500			Erythema	Edema

054101

6-Methyl-2, 3-Quinoxalinedithiol Cyclic S, S-Dithiocarbonate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
25.0	054101	L	RT	0	0	1.19	

054501

Bacillus popilliae and *B. lentimorbus*

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.20	054501	WP	B	>1500			Erythema	Edema

054901

5-Chloro-2-(2, 4-Dichlorophenoxy) Phenol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
99.0	054901	WP	B	800			Erythema	Edema
1.5	054901	WP	B	>1500			Erythema	Edema

055005

2, 2'-Methylenebis (4-Chloropheno1), Sodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD50(mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
20.0	055005	EC	B	620		7 14	Erythema 0	Edema 0	Erythema 0	Edema 0

055005

2, 2-Methylenebis (4-Chlorophenol), Sodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation			Days	Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Cor		Iris	Red	Chemosis	Cor	Iris	Red	Chemosis		
20.0	055005	EC	B	7	1	1	1	0	0	0	0	0		

055501

6-Ethoxy-1, 2-Dihydro-2, 2, 4-Trimethyl Quinoline

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
52.2	055501		BG	-	15.9	15.9

055601

(2-Naphthoxy) Acetic Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.0041	055601	PS	B	>5000			Erythema	Edema
0.0025	055601	PS	B	>5000			Erythema	Edema

055801

Naphthalene

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	055801	D G	B B	1100 >1500			Erythema	Edema
69.0	055801	D	B	1500			Erythema	Edema
5.0	057801							
16.0	058301							
48.5	055801	EC	B	1400				
16.5	086802							
28.0	009001							
25.0	055801	D	B	>1500				
1.0	025003							
15.0	077501							
4.0	055801	D	B	>2000				
0.1	071004	WP	B	>1500				
0.1	071003							
10.0	077501							
1.50	055801	EC	B	>794				
0.25	022102							
1.00	029201							

055901

Tetralin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
30.97	055901	EC	-	-	7	Erythema	Edema	Erythema	Edema
0.03	023304					1	1	0	0

056002

1-Naphthaleneacetic Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
3.62	056002	EC	M	>5000			Erythema	Edema

056003

1-Naphthaleneacetic Acid, Potassium Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
24.5	056003	EC	B	5000			Erythema	Edema

056004

1-Naphthaleneacetic Acid, Ammonium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
21.4	056004		RT BG	0 0	0 0	0(180) 0(180)

056007

1-Naphthaleneacetic Acid, Sodium Salt

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
7.1	056007	D	B	>1500			Erythema	Edema

056502

Pentachloronitrobenzene

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
24.0	056502	EC	B F	5000 5000			Erythema	Edema

056502

Pentachloronitrobenzene

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC50(ppm)
			Species	24h	48h	
75.0	056502		BG	7.40	2.43	0.88
17.0 0.4	056502 051909		RT BG	0.54 2.05	0.50 1.57	- 1.33

056702

Nicotine

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
40.0	056702	EC	B		260		Erythema	Edema
			B		113		Erythema	Edema
			B	240				
			B	195				
9.0	056702	EC	B	1000				
0.5	056702	D	B	>1500				

056702

Nicotine

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
98.0	056702	TC	BG	5.45	5.45	5.45

056801

Carbaryl

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
99.0	056801	D	B	600			Erythema	Edema
97.0	056801	D	B	410			Erythema	Edema
85.0	056801	WP	M	652				
80.0	056801	D	B		500			
60.0	056801	D	B	610				
10.0	081301							
53.7	056801	EC	F	850				
50.0	056801	D	B	1280				
			B	1080				
			F	710				
49.8	056801	D	B	750				
			B	700				
43.3	056801	EC	F	1250				

056801

Carbaryl

Active Ingredient(s) %	Chemical Code	Formulation Type	Oral LD ₅₀ (mg/kg)			Dermal Rating		
			Sex	Screen	Acute	Days	Abraded	Unabraded
41.8	056801	EC	B	900			Erythema	Edema
40.38	056801	EC	B	850			Erythema	Edema
28.0	056801	EC	F	1200			Erythema	Edema
23.7	056801	EC	B	2410			Erythema	Edema
23.3	056801	EC	F	1660			Erythema	Edema
22.5	056801	EC	M	1620			Erythema	Edema
21.26	056801	D	B	1140			Erythema	Edema
16.34	014505						Erythema	Edema
12.5	056801	D	B	>1500			Erythema	Edema
0.1	069001						Erythema	Edema
0.5	055001						Erythema	Edema
1.0	067501						Erythema	Edema
10.0	056801	D	B	>2000	2200		Erythema	Edema
8.3	056801	D	B	>1000			Erythema	Edema
8.3	058201		B	>1500			Erythema	Edema
8.0	056801	EC	B	1500			Erythema	Edema
0.4	046002		B	1000			Erythema	Edema
3.9	009001						Erythema	Edema
69.3	006601						Erythema	Edema

056801

Carbaryl

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating			
					Screen	Acute	Days	Abraded
7.0	056801	D	B	434				Erythema
1.0	071003		F	410				Edema
2.0	071004							Erythema
50.0	006601	EC	F	840				Edema
5.0	056801	D	B	1500				
0.5	081301		B	>1500			7	0
1.5	039001		B	>2000			0	0
5.0	056801	D	B	>4000				
0.5	055001		B	>2000				
5.0	056801	D	B	>1500				
0.3	081301							
5.0	056801	D	B	>2000	>4740			
5.0	056801	D	B	>1500				
10.0	077501		B	>2000				

056801

Carbaryl

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
5.0	056801	EC	M	700			Erythema	Edema
2.0	010501		F	875			Erythema	Edema
5.0	058702							
18.0	006601							
5.0	056801	WP	B	>794				
0.1	069001							
1.0	067501							
2.0	055001							
5.00	056801	D	B	>1500				
0.03	069001							
0.50	081301							
0.50	067501							
2.00	072602							
5.0	056801	D	F	400				
1.0	057501							
5.0	056801	D	F	>1500				
1.0	009001							
5.0	081301							
5.0	056801	D	F	>1500				
1.0	055001							

056801

Carbaryl

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.00	056801	PS	B	>5000			Erythema	Edema
0.06	069001						Erythema	Edema
0.10	055001							
0.60	067501							
5.00	011901							
23.10	063503							
0.50	056801	PS	B	>5000				
0.05	069001							
0.10	067501							
0.10	055001							
0.17	057001							
0.24	063503							
0.50	056801	PS	B	2270				
0.50	056801	PS	B	5000				
0.08	069001							
0.15	067501							
0.20	043302							
0.25	057001							
0.50	034001							
1.10	031606							

056801

Carbaryl

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
99.6	056801		RT BG	17.5 22.5	14.0 19.0	-	14.0
50.0	056801	WP	RT RT RT BG	12.5 11.0 6.7 64.0	8.4 6.3 3.9 49.5	4.6 4.0 3.5 24.0	
40.38	056801	EC	BG	-	35.0	24.0	
5.0	056801	D	RT BG	2.1 11.3	1.7 7.4	1.3 6.4	

057001

N-Octyl Bicycloheptene Dicarboximide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded
1.0	057001	PS	B	>5000			Erythema
0.2	043302						Edema
0.2	047201						Erythema
9.0	031606						Edema
1.0	057001	PS	B	>5000			
0.4	047201						
9.0	031606						
1.0	057001	PS	B	>5000			
0.3	069001						
0.6	067501						
8.1	063503						
0.80	057001	PS	B	>5000	7	0	0
0.20	043302						0
0.20	047201						
8.25	031606						
0.50	057001	EC	F	>4500	7	4	4
0.10	069001						4
0.12	067501						
0.03	040501						

057001

N-Octyl Bicycloheptene Dicarboximide

Active Ingredient(s) %	Chemical	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
	Code	Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.17	057001	EC	B	>2500			Erythema	Edema
0.05	069001						Erythema	Edema
0.10	067501						Erythema	Edema
0.24	063503						Erythema	Edema

057001

N-Octyl Bicycloheptene Dicarboximide

057001

N-Octyl Bicycloheptene Dicarboximide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
0.08	057001	EC	RT	6.3	6.3	6.3
0.15	069001			8.2	7.1	6.3
99.53	067501					

057201

Phorate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
66.0	057201	EC	RT	64.0	24.5	19.0
17.0	086802		BG	5.2	<2.8	-

057501

Parathion

Active Ingredient(s) %	Chemical	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
	Code	Type	Sex	Screen	Acute	Days	Abraded	Unabraded
57.39	057501	EC	M	10.98			Erythema	Edema
28.69	053501						Erythema	Edema
46.30	057501	EC	M	13.99				
48.00	006501							
25.00	057501	D	M	32.00				
		WP	M	31.00				
15.00	057501	D	M	45.00				
		WP	M	42.40				

057601

Demeton

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Acute	Days	Dermal Rating	
							Abraded	Unabraded
2.0	057601	G	B	142			Erythema	Edema

057601

Demeton

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)	
			Species	24h	48h	96h
66.0	057601	L	RT	0.30	0.18	0.21

057701

Malathion

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
95.0	057701	EC	M	>2120			Erythema	Edema
			M	1900				
			F	1310				
81.3	057701	EC	B	590				
57.2	057701	EC	M	1000				
34.1	006501							
57.0	057701	EC	F	1250				
30.0	006601							
57.0	057701	EC	M	2420				
38.0	086802							
57.0	057701	EC	B	1400				
34.0	086802		F	1200				
			F	1170				
57.0	057701	EC	M	1510				
35.0	063503		M	840				
			M	1490				

057701

Malathion

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
57.0	057701	EC	B	2400			Erythema	Edema
33.0	086802		F	1250			Erythema	Edema
57.0	057701	EC	M	1200				
32.0	086802							
57.0	057701	EC	B	870				
			M	1800				
57.0	057701	EC	B	>1375				
34.9	086802		M	960		7	1	0
57.00	057701	EC	M	1080				
33.09	006501		F	1250				
57.0	057701	EC	M	1510				
35.1	086802							
33.0	006601							
57.0	057701	EC	M	1400				
33.0	086802		F	1250				
57.0	057701	EC	F	1250				
33.0	006601							

057701

Malathion

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
56.58	057701	EC	F	1220			Erythema	Edema
35.44	006601						Erythema	Edema
56.4	057701	EC	B	1500				
35.4	086802							
56.0	057701	EC	F	900				
32.0	006501							
56.0	057701	EC	M	1530				
32.0	086802							

057701

Malathion

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
55.0	057701	EC	B	>600			Erythema	Edema
37.0	086802						Erythema	Edema
55.0	057701	EC	B	1460				
35.0	086802							
55.0	057701	EC	M	1760				
40.0	086802							
55.0	057701	EC	M	1220				
0.5	079004							
34.0	006601							
55.0	057701	EC	B	1432				
32.0	063503							
55.21	057701	EC	M	1000				
39.79	006601							
54.8	057701	EC	M	1550				
32.7	006601							
51.3	057701	EC	B	2010				
43.7	086803							

057701

Malathion

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.8 38.0	057701 086802	EC	B	900			Erythema	Edema
50.0 43.3	057701 086802	EC	F	1800			Erythema	Edema
50.0 42.4	057701 086802	EC	M F	1850 1910				
50.0 40.0	057701 006601	EC	B	3000				
50.0 33.0	057701 006501	EC	B	>2000				
50.0 39.0	057701 054002	EC	B B	750 710				
50.0	057701	EC	B	1900				
50.0 44.0	057701 086802	EC	B B	1150 1400				
50.0 45.0	057701 086802	EC	B	1200				

057701

Malathion

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	057701	EC	F	2000			Erythema	Edema
40.0	086802						Erythema	Edema
50.0	057701	EC	F	2000				
50.0	063503							
50.00	057701	EC	M	1420				
41.84	086802							
50.0	057701	EC	M	1400				
39.0	086802							
50.0	057701	EC	M	1680				
38.0	086802							
50.0	057701	EC	F	1400				
35.4	086802							
25.0	057701	D	M	1440				
			F	>1500				
25.0	057701	EC	M	1180				
3.0	036001							
72.0	086802							

057701

Malathion

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
11.50	057701	EC	M	1200			Erythema	Edema
2.75	057801						Erythema	Edema
69.33	006501							
10.0	057701	EC	B	>7500		7	3	0
90.0	063503						4	0
10.0	057701	EC	M	>1500				
9.5	080501							
74.4	086802							
9.4	057701	EC	B	>2500				
1.5	036001							
9.5	034001							
13.5	006601							
7.5	057701	EC	M	3500				
12.5	006601							
6.05	057701	EC	F	>7500				
3.37	086802							
84.81	063503							

057701

Malathion

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
6.0	057701	D	B	1500			Erythema	Edema
6.0	081301						Erythema	Edema
9.0	034001							
25.0	077501							
5.6	057701	D	B	>1500				
5.0	034001							
7.0	081301							
5.0	057701	D	B	>2000				
			F	>1500				
5.0	057701	D	B	>1500				
1.5	010501							
5.0	081601							
5.0	057701	D	F	>1500				
0.5	034001							

057701

Malathion

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
4.3 43.0	057701 080501	EC	B	>200			Erythema	Edema
4.0	057701	D	B	>3000 >4000			Erythema	Edema
4.0 5.0 7.5	057701 056801 081301	D	B	>1500				
3.0 97.0	057701 063503	EC	B	>1500				
2.0 0.5 97.5	057701 067002 063502	EC	B	>10,000				
2.0 2.0 96.0	057701 067002 063502	EC	B	>1200				

057701

Malathion

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.0	057701	CR	B	>2000			Erythema	Edema
0.6	084001						Erythema	Edema
0.7	057701	EC	B	>10,000				
0.3	057801							
0.5	057701	EC	B	>10,000				
2.0	067002							
97.5	063502							
0.5	057701	PS	B	5000				
0.25	057701	PS	B	>5000				
0.25	043302		B	5000				
0.40	035001							
0.50	056801							

057701

Malathion

057701

Malathion

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50 (ppm)		
			Species	24h	48h	96h	
95.0	057701	TC	RT BG	0.059 0.125	0.042 0.088	0.034	
56.0	057701	EC	RT	0.041	0.032	-	
33.5	080802						
55.0	057701	EC	RT BG	0.045 0.070	0.036 0.041	0.029 0.014	
34.5	086802						

057801

0, 0-Diethyl 0-(2-Isopropyl-6-Methyl-4-Pyrimidinyl) Phosphorothioate(Diazinon)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	057801	WP	B	>350			Erythema	Edema
48.72	057801	EC	F	166				
39.00	086803							
48.7	057801	EC	B		>794			
39.5	006501		F		470			
48.6	057801	EC	M	224				
44.2	006501							
48.6	057801	EC	F	300				
39.6	006601							
48.2	057801	EC	B	325				
41.4	006501							
47.5	057801	EC	F	480				
26.2	006501		F	356				
47.50	057801	EC	M		540			
30.07	006501							

057801

Diazinon

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
12.5 73.0	057801 006601	EC	M	880			Erythema	Edema	Erythema Edema
12.50 0.75 64.00	057801 036001 006501	EC	M	1400					
12.5 77.5	057801 006501	EC	B	>1230					
10.0	057801	EC	F	>1600					
7.50 77.69	057801 006501	EC	M	2800					
5.0	057801	PS	M	1200					
			F	1500					
4.0	057801	D	M	>1500					
4.00 0.50 88.88	057801 097801 063503	EC	M	1250					
3.80 2.28 2.56 79.70	057801 058201 063503 086802	EC	M	>1500	7	4	1	4	1
1.0 0.1 0.5 98.4	057801 069001 067501 063503	EC	-		7	2	1	2	1

057801

Diazinon

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
1.00 99.00	057801 063503	EC	M	>5000			Erythema	Edema	Erythema Edema
1.00 0.81 97.95	057801 006501 063503	EC	M	>2500					
1.00	057801	PS	M	>5000					
0.500 0.105 0.525 98.750	057801 069001 067501 063503	EC	B	>7500					
0.50	057801	EC	F	>7500					
0.50 0.05 0.26 99.00	057801 069001 067501 063503	EC	F	>7500	7	3	0	3	0
0.50 0.05 0.26 98.61	057801 069001 067501 063503	PS	B	>5000	7	4	1	4	1

057801

Diazinon

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
				Screen	Acute		Abraded	Unabraded
0.500	057801	EC	-			7	Erythema	Edema
0.052	069001				3	3	3	3
0.422	067501							
98.950	063503							
0.50	057801	EC	B	>2500				
0.05	069001		M	>1250				
0.25	067501							
98.55	006601							
0.500	057801	PS	B	>5000				
0.052	069001							
0.261	067501							
96.190	063503							
0.500	057801	EC	B	>2500		7	4	4
0.075	069001					4	4	4
0.375	067501							
99.050	063503							
0.500	057801	EC	M	>9000				
0.035	069001							
0.175	067501							
0.50	057801	PS	F	>5000				
0.04	069001							
0.20	067501							
74.26	063503							
0.500	057801	PS	B	>5000				
0.025	069001							
0.225	028801							
0.250	067501							
0.500	081601							

057801

0, 0-Diethyl 0-(2-Isopropyl-6-Methyl-4-Pyrimidinyl) Phosphorothioate (Diazinon)

057801

Diazinon

057801

0, 0-Diethyl 0-(2-Isopropyl-6-Methyl-4-Pyrimidinyl) Phosphorothioate(Diazinon)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
48.0	057801	L	RT BG	4.500 0.340	2.950 0.180	1.650 0.165	

057901

Dimethyl (2, 2, 2-Trichloro-1-Hydroxyethyl) Phosphonate

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
98.0	057901	WP	F	240	220		Erythema	Edema
97.0	057901	WP	B	305				
			M		302			
96.5	057901	TAB	B	1000				
90.0	057901	D	B	>400				
80.0	057901	WP	B	340				
			F	300				
75.0	057901	G	B	300				
40.5	057901	EC	B	1200				
17.0	057901	EC	B	500				
5.6	058702		M	662			7	1
16.8	057901	D	B	>1500			0	1
29.4	064501						0	0

057901

Dimethyl (2, 2, 2-Trichloro-1-Hydroxyethyl) Phosphonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
16.8	057901	G	B	>1500				Erythema	Edema
11.5	064501							Erythema	Edema
68.2	067401								
8.0	057901	EC	F B	2510	2750	7	2	0	2
1.0	057901	G	B B	>2000 >1500					
0.24	057901	EC	B	>10,000					

057901

Dimethyl (2, 2, 2-Trichloro-1-Hydroxyethyl) Phosphonate

057901

Dimethyl (2, 2, 2-Trichloro-1-Hydroxyethyl) Phosphonate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
80.0	057901	D	RT	6.00	2.55	1.22
			BG	95.00	22.00	3.20
50.0	057901	WP	BG	100.00	24.50	<21.00
12.2	057901	WP	RT	162.00	42.00	<18.00
			BG	0	100.00	-
8.0	057901	WP	BG	-	280.00	180.00

058001

0, 0-Dimethyl S-((4-Oxo-1, 2, 3-Benzotriazin-3(4H)-YL)-Methyl) Phosphorodithioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
62.5	058001	D	F	27.5			Erythema	Edema
50.0	058001	WP	M	42.0			Erythema	Edema
22.2 70.8	058001 006601	EC	B	30.0				
22.0 53.0	058001 006601	EC	M	30.0				

058001

0, 0-Dimethyl S-(4-Oxo-1, 2, 3-Benzotriazin-3(4H)-Y1)Methyl) Phosphordithioate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppb)		
				24h	48h	96h
50.0	058001	WP	RT	15.5	12.0	8.8

058102

Cabophenothon

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
90.0	058102	EC	M	35.0			Erythema	Edema

058102

Carbophenothion

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50 (ppm)		
				24h	48h	96h
95.0	058102	L	RT	0	0	0.165
12.1 77.9	058102 063503	EC	RT	6.0	3.2	1.6

058201

Chlordane

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating			
					Screen	Acute	Days	Abraded
								Erythema Edema Erythema Edema
74.0	058201	EC	B	440				
0.5	079004							
18.0	006601							
74.0	058201	EC	B	300				
10.2	063503		M		302			
74.0	058201	EC	B	440		450		
22.0	063503		M			430		
74.0	058201	EC	B	260		330		
21.0	063503							
74.0	058201	EC	B	380				
26.0	063503							
74.0	058201	EC	B	318				
23.0	063503							
74.0	058201	EC	F	280				
			B		366			
74.0	058201	EC	B		380			
20.0	063503							

058201

Chlordane

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
74.0	058201	EC	M	360			Erythema	Edema
20.0	086802						Erythema	Edema
74.0	058201	EC	F	350				
19.8	086802							
74.0	058201	EC	B	312				
18.0	006601							
74.0	058201	EC	B	412				
19.0	063503							
73.6	058201	EC	B	380				
22.4	063503							
73.5	058201	EC	B	342				
16.5	063503							
73.50	058201	EC	F	178				
20.48	063503							
73.4	058201	EC	M	298				
21.2	063503							
73.05	058201	EC	B	660				
23.19	063503		B	459				

058201

Chlordane

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)		Dermal Rating		
				Screen	Acute	Days	Abraded	Unabraded
73.0	058201	EC	B	325	320		Erythema	Edema
22.0	063503		B	350	318		Erythema	Edema
			B		410			
73.0	058201	EC	F	>950				
21.0	063503							
73.0	058201	EC	M	480				
20.0	063503							
72.8	058201	EC	B	320				
22.0	063503		B	280				
72.5	058201	EC	F		416			
17.5	063503							
72.4	058201	EC	B	509				
72.3	058201	EC	B	378				
21.5	063503							
72.0	058201	EC	B	>634				
22.0	086802		B	440				
72.0	058201	EC	B	310	336			
21.0	063503		B	450	280			
			M		464			

058201

Chlordane

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
62.5	058201	EC	B		600		Erythema	Edema
62.0	058201	EC	B	520	440			
23.0	063503							
60.0	058201	EC	B	600				
30.0	063503							
51.51	058201	EC	B		245			
16.24	045001		B	176				
50.0	058201	WP	B	800				
			B	620				
50.0	058201	EC	B	900				
10.0	067002							
35.0	063503							
47.0	058201	EC	B	500				
45.0	063506							
46.0	058201	EC	B	1000				
49.0	063503							

058201

Chlordane

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
45.0	058201	EC	B	800			Erythema	Edema
52.0	063502		B	1250			Erythema	Edema
45.0	058201	EC	B	820		7	0	0
49.0	063503		F	700			0	0
45.0	058201	EC	B	800				
50.0	063503		B	1300				
45.0	058201	EC	B	1300				
45.0	063503		B	800				
			M		760			
45.0	058201	EC	B	750				
51.0	063503		B	1000				
44.0	058201	EC	B	1000				
51.0	063503							
42.63	058201	EC	M	699				
1.80	009001							
45.0	058201	EC	M	2000				
50.0	063501							
43.81	058201	EC	B	780				
51.69	063503							

058201

Chlordane

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
42.6	058201	EC	B	1250			Erythema	Edema
52.0	086803						Erythema	Edema
42.37	058201	EC	F	1530		7	4	4
53.63	006601						4	4
40.0	058201	EC	B	900				
20.0	067002		B	800				
40.0	058201	EC	B	>500				
10.0	067002		B	760				
38.0	063501							
40.0	058201	D	B	>1100				
			B	1300				
40.0	058201	EC	B	790				
56.0	063503							
37.0	058201	EC	B	500				
37.0	058201	EC	M	1760				
18.0	057701							
35.0	006501							

058201

Chlordane

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
25.0	058201	EC	F	1400			Erythema	Edema
25.0	086802						Erythema	Edema
39.5	063503							
20.0	058201	EC	M	2950				
80.0	063503							
16.0	058201	TAB	B	2000				
10.0	058201	D	B	>2000				
			B	>3000				
10.0	058201	EC	B	>3500				
1.2	009001							
2.0	029201							
84.8	063503							
8.0	058201	EC	B	5000				
1.0	009001		B	3500				
20.0	067002							
51.0	063502							
6.0	058201	D	B	>2000				

058201

Chlordane

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Actue	Days	Dermal Rating	
							Abraded	Unabraded
5.0	058201	D	B M	>2000 >1500			Erythema	Edema
4.5	058201	EC	B	450			Erythema	Edema
4.9	063503							
4.91	058201	EC	B	1050				
1.00	067002							
86.30	063503							
3.0	058201	PS	B	>5000				
94.0	063503							
2.0	058201	EC	B	>10,000				
				6100				
2.0	058201	EC	B	>7500		7	2	0
98.0	063503							
1.0	058201	EC	B	1010				
5.0	063001							
84.0	063503							
0.25	058201	EC	B	>7500				
1.00	079004							

058201

Chlordane

058201

Chlordane

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
100.0	058201	EC	RT BG	0.035 0.093	0.021 0.076	0.018 0.065
72.0	058201	EC	BG	-	0.086	0.075
18.0	063503					
27.0	058201		RT	5.70	3.70	1.85
2.5	078701		BG	4.00	2.80	2.45

058301

Ronnel

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
30.0	058301	EC	B	2000			Erythema	Edema
15.0	042004						Erythema	Edema
55.0	006501							
24.0	058301	EC	B	>3500				
61.0	006501		B	4000				
24.0	058301	EC	B	3800				
59.6	086802							
24.0	058301	EC	F	4020				
59.0	086802							
23.7	058301	EC	B	5400				
59.1	006501							
20.0	058301	EC	M	2500				
74.4	086802							
6.0	058301	G	B	>1500				
			M	>1500				

058301

Ronnel

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
5.86	058301	G	B	>2000				Erythema Edema Erythema Edema
5.0	058301	EC	B	500				
5.0	084001							
75.0	086802							
5.0	058301	G	B	>2000				
5.0	058301	EC	F	2500				
12.5	063501							
30.0	063503							
50.0	067002							
5.0	058301	EC	M	>10,000				
91.5	063502							
4.68	058301	EC	F	>4000				
0.59	071003							
0.60	084001							
5.90	067501							
10.84	006601							
62.94	063503							
2.5	058301	PS	B	2800				
0.5	086802		B	5000				
15.0	067002							

058301

Ronnel

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
1.2 0.4	058301 084001	TAB	BG	45.0	19.5	15.0
1.0	058301	TAB	BG	113.0	75.0	

058401

Ethion

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
95.0	058401	EC	F				Erythema	Edema
46.5	058401	EC	M	210				
45.0	063503		M	110				
			F	41				
25.0	058401	WP	B	93				
		WP	M	500				
		D	B	1600				
13.70	058401	EC	M				Erythema	Edema
78.74	086802			860				
8.4	058401	EC	F	490	422			
89.0	063503							
4.0	058401	D	F	>1500				
5.0	056801							
2.68	058401	EC	M	740				
5.37	079401							
10.73	057701							
74.18	063503							

058401

Ethion

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating				
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
1.15	058401	D	F	>1500			Erythema	Edema	Erythema	Edema

058401

Ethion

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
81.9	058401	EC	RT	0.250	0.200	0.193	
			BG	0.620	0.283	0.013	
47.1	058401	EC	RT	-	0.22	0.19	
			BG	0.85	0.40	0.26	
1.0	058401	D	BG	38.5	11.8	8.2	

058702

S-(2-(Ethylsulfinyl)Ethyl) O, O-Dimethyl Phosphorothioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
13.5	058702	EC	B	310			Erythema	Edema
14.5	086802						Erythema	Edema
13.5	058702	EC	B		340			
14.2	006601							
6.0	058702	EC	F	1000				
0.9	010501		F	800				
5.0	034001							
49.6	086802							

058801

Dimethyl Phosphate of Alpha-Methylbenzyl 3-Hydroxy-Cis-Crotonate

Active Ingredient(s) %	Chemical Code	Formulation Type	Oral LD ₅₀ (mg/kg)			Dermal Rating	
			Sex	Screen	Acute	Days	Abraded
25.5	058801	EC	B	186			Erythema
59.7	063503		B	245			Edema
			B	210			
25.0	058801	EC	F	400			
63.7	063503						
21.5	058801	EC	B	250			
68.7	086802						
15.4	058801	PS	B	400			
71.9	063503		B	405			
15.00	058801	EC	B	260			
1.07	084001		B	350			
71.18	006601		F	280			
25.0	058801	EC	B	160			
60.0	006501						
15.00	058801	EC	B	160			
1.00	084001						
71.25	006601						

058801

Dimethyl Phosphate of Alpha-Methylbenzyl 3-Hydroxy-Cis-Crotonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
14.4	058801	EC	B	500			Erythema	Edema
14.40	058801	EC	B	500				
72.85	006601		B	426				
			B	340				
			B	310				
13.1	058801	EC	B	355				
76.9	006601							
10.0	058801	EC	M	324				
2.5	084001							
77.0	063503							
3.83	058801	EC	F	750				
4.50	084001							
3.0	058801	EC	B	>634				
3.0	058801	D		4400				
				>4000				
				2500				

058801

Dimethyl Phosphate of α -Methylbenzyl 3-Hydroxy-Cis-Crotonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
2.00 97.64	058801 063503	EC	B	>200			Erythema	Edema
2.0	058801	EC	B	1800				
2.0 20.0 67.0	058801 086802 063503	PS	B	5000				
2.00 4.80 92.84	058801 067002 063503	EC	B	2000				
1.00 0.25 98.57	058801 084001 063503	PS	B	3800				
1.0 0.5 98.5	058801 067002 063502	EC	B	>500				

058801

Dimethyl Phosphate of α -Methylbenzyl 3-Hydroxy-Cis-Crotonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.0	058801	EC	B	4500			Erythema	Edema
99.0	063502		B	5800			Erythema	Edema
1.00	058801	PS	B	5000				
0.05	069001							
0.10	067501							
0.25	084001							
0.17	057001							
5.00	011901							
63.43	063502							
1.00	058801	EC	B	5400	2400			
0.25	084001		B	4910				
1.0	058801	EC	B	3000				
3.0	067002							
1.0	058801	EC	B	8200				
1.00	058801							
0.25	084001							
2.00	067002							
96.57	063503							

058801

Dimethyl Phosphate of α -Methylbenzyl 3-Hydroxy-Cis-Crotonate

058801

Dimethyl Phosphate of α -Methylbenzyl 3-Hydroxy-Cis-Crotonate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
1.0	058801	EC	RT BG	13.0 170.0	8.0 133.0	6.4 66.0	

058901

Dimethyl Phosphate of 3-Hydroxy-N-Methyl-Cis-Crotonamide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
56.0	058901	EC	M	18.6			Erythema	Edema
55.0	058901	EC	M	18.2			Erythema	Edema
39.1	058901	EC	M	18.7				

058901

Dimethyl Phosphate of 3-Hydroxy-N-Methyl-Cis-Crotonamide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
55.0	058901	L	RT	19.8	13.5	7.0

059001

Temephos

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
43.0	059001	EC	B	1000			Erythema	Edema
40.8	006501						Erythema	Edema

059001

Temephos

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
88.2	059001		RT BG	38.0 0(100)	20.5 -	13.8 43.0
43.0	059001	EC	RT RT BG	9.4 8.8 11.4	7.5 6.2 11.4	5.0 4.8 9.9
43.0 39.0	059001 006501	EC	RT RT BG	9.2 7.7 12.8	5.2 5.4 12.8	4.4 3.4 -
5.0	059001	G	D D	0.001 0.004	0.001 0.003	
2.0	059001	D	BG	0	0	0(100)

059101

Chlorpyrifos

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating				
					Screen	Acute	Days	Abraded	Unabraded
22.5	059101	EC	B	430				Erythema	Edema
45.0	006501							Erythema	Edema
22.4	059101	EC	M	526					
71.1	006501								
22.4	059101	EC	M	300					
44.1	006501								
22.4	059101	EC	M	508					
42.1	006501								
12.31	059101	EC	M	495					
12.31	084001								
70.38	086802								
10.75	059101	EC	F	1000					
5.88	084001								
63.69	006601								
6.0	059101	EC	B	2080					
3.4	006601								
84.5	086802								
2.0	059101	EC	F	2800					
88.0	086802								
0.92	059101	D	F	>1500					

059101

Chlorpyrifos

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.50	059101	EC	F	600			Erythema	Edema
0.28	006501						Erythema	Edema
0.500	059101	EC	B	>2500				
0.052	069001							
0.260	067501							
98.736	063503							

059101

Chlorpyrifos

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)	
			Species	24h	48h	96h
61.5 34.5	059101	EC	RT	140.0	34.0	-
	906501		BG	2.7	1.4	1.3
25.0	059101		BG	180.0	59.0	38.0
			BG	115.0	88.0	88.0

059201

N-(Mercaptomethyl) Phthalimide S-(0, 0-Dimethyl Phosphorodithioate)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	059201	WP	B M	300 440			Erythema	Edema

059201

N-(Mercaptomethyl) Phthalimide S-(0, 0-Dimethyl Phosphorodithioate)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
50.00	059201	WP	RT	1.10	0.47	0.29
			BG	0.75	0.24	-
			CA	48.50	-	-
11.55	059201	EC	RT	2.62	2.62	1.56

059401

Orthodichlorobenzene

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
56.72	059401	C	BG	5.8	5.6	5.6
9.24	061501					

059701

Chlordimeform

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
97.0	059701	D	M	222			Erythema	Edema
			F	230			Erythema	Edema
48.5	059701	EC	B	550				
43.4	006601		B	516				

059702

Chlordimeform Hydrochloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
97.0	059702	D	B F	218 222			Erythema	Edema

059702

Chlordimeform Hydrochloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
95.0	059702		RT	95.0	93.0	80.0
			RT	90.0	90.0	87.0
48.5 43.4	059702 006501	EC	RT	21.3	18.7	18.3
			BG	-		32.5

I-295-A-1

059801

8-Quinolinol Benzoate

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating					
					Acute	Days	Abraded	Unabraded		
100.0	059801	WP	B	1500			Erythema	Edema	Erythema	Edema

I-295-C-1

059801

8-Quinolinol Benzoate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
54.6	059801		BG	8.9	6.7	3.7	
45.4	009101						

059802

8-Quinolinol Citrate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
100.0	059802	TC	BG	11.8	8.6	4.2	

059803

8-Quinolino1

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (ml/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
20.0	059803	EC	B	>7.94			Erythema	Edema

059804

8-Quinolinol Sulfate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
25.0	059804	C	BG	54.0	29.0	10.0

059901

Famphur

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
13.2	059901	EC	B	430			Erythema	Edema
46.2	086802		B	>390			Erythema	Edema
			B	320				
			M	532				

I-300-A-1

060101

2-(4-Thiazolyl) Benzimidazole

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
98.5	060101	D	B	>1500			Erythema	Edema

061001

Hexachlorobenzene

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
40.0	061001		RT	3.15	2.50	2.30
			BG	5.40	4.50	3.40
			BG	8.00	7.60	7.60

061201

Methyl p-Hydroxybenzoate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	061201	D	B	>1500			Erythema	Edema

061202

Ethyl p-Hydroxybenzoate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	061202	D	B	1500			Erythema	Edema

061205

Butyl p-Hydroxybenzoate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	061205	EC	B	>1500			Erythema	Edema

061501

Paradichlorobenzene

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
					Erythema	Edema	Erythema
							Edema
100.0	061501	CR	F	>1500			
50.0	061501	B	B	>1100			
			B	>1000			
5.0	061501	PS	B	>5000			
5.0	020401						
1.01	061501	EC	B	>7500			
0.10	067002						
0.40	022101						
19.30	079009						

061501

Paradichlorobenzene

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
99.97	061501	L	BG	6.5	6.4	6.4	

061601

Paraquat Dichloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50(ppm)		
				24h	48h	96h
29.1	061601	EC	RT BG BG	- 0(320) 0	82.0 0 0	29.0 0(155)

I-307-A-1

061602

Paraquat Bis(Methylsulfate)

061602

Paraquat Bis(Methylsulfate)

062201

O-Benzyl-p-Chlorophenol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
10.0	062201	EC	B	5200			Erythema	Edema
20.0	047501						Erythema	Edema
1.0	062201	EC	B	>7500				
0.4	062201	PS	B	5000				

I-308-B-1

062201

O-Benzyl-p-Chlorophenol

062206

2-Chloro-4-Phenylphenol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)		
			Species	24h	48h	96h	
88.0	062206	TC	RT BG	1.15 0.96	0.90 0.35	0.90 0.22	

063001

Pentachlorophenol

063001

Pentachlorophenol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
5.0 95.0	063001 063503	EC	B B	>3000 1120		7	Erythema 4	Edema 3	Erythema 4	Edema 3
5.0 88.0	063001 063503	EC	B	2020						
5.0 86.7	063001 063506	EC	B F	1550 1000		7 14	4 4	4 3	4 4	4 3
5.00 85.73	063001 063503	EC	B	1170						
5.00 85.05	063001 063503	EC	B B	1150 1300		7	4	4	4	4
5.0 81.5	063001 063503	EC	B M	1550 2500						
5.00 68.53	063001 063506	EC	B	1100 1250		7	0	0	0	0
4.99 94.80	063001 063503	EC	B B	1120 1460						
4.75 95.00	063001 063503	EC	M	1650		7	4	4	4	4

063001

Pentachlorophenol

063001

Pentachlorophenol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
99.9	063001	EC	RT BG	0.076 0.135	0.068 0.093	0.058 0.078
74.0	063001		RT	0.162	0.135	0.102
20.0	062204					
36.98	063001	EC	RT		0.091	0.076
4.30	062204		BG	0.330	0.260	0.150
22.00	006501					
6.36	063001	EC	BG	1.92	1.46	1.46
0.74	062204					
32.90	063503					
59.70	006501					
2.84	063001	EC	BG	3.80	2.80	2.60
0.33	062204					
2.30	012301					
86.40	006601					

063002

Pentachlorophenol, Potassium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
15.7	063002	C	RT	0.41	0.41	0.37	
10.8	064204		BG	0.44	0.38	0.35	

063003

Sodium Pentachlorophenolate

I-312-B-1

063003

Sodium Pentachlorophenate

Active Ingredient(s) %	Chemical Code	Formulation			Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
90.0	063003	G		7	4	3	3		4	3	3		
86.4	063003	TC		7	3	2	3	2		3	2	3	
73.0	063003	TC		7	3	2	3	3		3	2	3	

063003

Sodium Pentachlorophenate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
79.0	063003	G	RT	0.125	0.105	0.064
11.0	062205		BG	0.310	0.210	0.108
79.0	063003	G	BG	0.310	0.210	0.108
56.9	063003	D	RT	0.175	0.175	0.140
7.9	062205		BG	0.300	0.210	0.190
15.8	063003	C	RT	0.390	0.315	0.260
2.2	062205		RT	0.230	0.200	0.160
7.2	064217		BG	0.640	0.480	0.440
			BG	1.000	0.840	0.700

I-313-C-1

063005

Sodium Tetrachlorophenate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
16.40	063005		RT	-	0.47		
0.40	066012						
4.43	062205		FHM	1.00	0.95	0.83	
13.66	011104						

063301

Disodium Cyanodithiodimidocarbonate

Active Ingredient(s) %	Chemical Ccde	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
12.7	063301	EC	B	1000			Erythema	Edema
4.8	004205						Erythema	Edema
17.5	039002							
3.68	063301	EC	M	>2500				
5.07	039002							

063301

Disodium Cyanodithioimidocarbonate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
10.0	063301	C	RT	100(6.5)		-
3.7	004205					
6.5	011601		BG	14.3	11.8	10.5
13.7	039002					
14.7	051704					

063501

Kerosene

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
99.52	063501	EC	B	>1500			Erythema	Edema
0.03	069001						Erythema	Edema
0.20	084001							
0.25	067501							
99.40	063501	EC	M	>7500				
0.03	069001							
0.20	084001							
0.30	067501							
98.9	063501	EC	B	>7500				
0.1	069001		B	4500				
1.0	067501							
98.0	063501	EC	B	>19,600				

063502

Mineral oil

063502

Mineral Oil

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
47.52	063502	EC	B	>7500			Erythema	Edema	Erythema
0.02	069001		B		>3500				Edema
0.12	067501								
1.00	010002								
51.35	063503								
42.0	063502	O	B	>2000					
3.0	009001								
35.0	067002								

I-316-B-1

063502

Mineral Oil

063503

Petroleum Distillates

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	063503	EC	B	2720			Erythema	Edema
99.32	063503	EC	F	>1500			Erythema	Edema
0.08	069001							
0.10	040501							
0.50	057801							
99.11	063503	EC	B	10,000				
0.03	069001							
0.30	067501							
0.56	067002							
99.025	063503	EC	B	>3500				
0.075	069001							
0.150	067501							
0.250	057001							
0.500	057801							
99.0	063503	EC	F	>7500				
1.0	084001							
98.765	063503	EC	B	>5000				
0.100	004001							
0.150	069001							
0.985	057001							

063503

Petroleum Distillates

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
98.57	063503						Erythema	Edema
1.00	058801	EC	B	2800			Erythema	Edema
0.25	084001							
98.33	063503							
0.01	069001	EC	F	>7500				
0.50	034002							
1.15	010002							
98.0	063503	EC	B	>5000				
97.61	063503							
0.22	069001	EC	B	>10,000				
0.73	057001							
1.00	077802							
97.0	063503							
3.0	057701	EC	B	>10,000				
				7500				
97.0	063503	EC	B	>30,000				
96.5	063503							
0.5	022101	EC	B	>7500				
1.0	031601							
2.0	067002							

063503

Petroleum Distillates

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
95.07	063503	EC	B	>7500			Erythema	Edema
0.03	069001						Erythema	Edema
0.15	067501							
4.75	011901							
93.000	063503	EC	B	>10,000				
0.015	067501							
0.019	069001							
0.200	084001							
6.000	011901							
90.0	063503	EC	B	490				
1.0	084001							
89.97	063503	EC	B	>5000				
0.03	009001							
5.00	029201							
5.00	010002							
88.75	063503	EC	B	>3500				
0.05	069001							
0.20	021901							
0.50	067501							
0.50	034001							
10.00	010002							

063503

Petroleum Distillates

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
					Erythema	Edema	Erythema
							Edema
87.15	063503	EC	F	7500			
1.60	057701						
3.75	034001						
5.50	054002						
81.1	063503	EC	B	>5000			
1.7	010002						
6.0	034001						
12.2	063501						
80.5	063503	EC	3	>1000			
5.0	080501						
13.7	063502						
80.0	063503	EC	B	6600			
20.0	006101						
80.0	063503	EC	B	>7500			
74.85	063503	EC	B	>1200			
0.15	009001						
25.00	029201						

063503

Petroleum Distillates

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Acute	Days	Dermal Rating	
							Abraded	Unabraded
72.73	063503	EC	B	>3500			Erythema	Edema
0.01	013101			2250			Erythema	Edema
0.44	077501							
2.47	099701							
74.85	063503	EC	B	>880				
0.15	009001							
25.00	029201							
49.75	063503	EC	F	3500				
0.50	027502							
49.75	006501							
45.0	063503	EC	B	>363				
10.0	057801		B	>1100				
45.0	006601							
45.0	063503	EC	B	>9000				
10.0	027501							
45.0	006601							
42.0	063503	EC	B	600				
21.2	044801							
32.8	058201							

063503

Petroleum Distilliates

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded Unabraded
33.0	063503	PS	B	>5000			Erythema Edema Erythema Edema
28.0	022001						
23.0	063503	PS	B	>5000			
21.0	022001						
22.79	063503	PS	B	5000			
0.15	067001						
0.50	044901						
0.50	056801						
0.50	031601						
1.00	067501						
22.70	063503	PS	B	>5000			
0.15	069001						
0.50	055001						
0.50	056801						
0.50	031601						
1.00	067501						
19.0	063503	PS		-		7	4 4
0.2	069001						
0.8	067501						

063503

Petroleum Distillates

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
					Erythema	Edema	Erythema
							Edema
18.8	063503	PS	B	>5000			
1.0	067501						
0.2	069001						
18.1	063503	PS	B	>5000			
0.3	069001						
0.6	067501						
1.0	057001						
12.5	063503	PS	B	>5000			
0.5	069001						
4.0	067501						
8.1	063503	PS	B	3050			
0.4	069001						
0.5	084001						
2.0	058301						
4.0	067501						
0.65	063503	EC	B	>5000			
0.04	004208						
0.07	056702						

I-317-B-1

063503

Petroleum Distillates

063503

Petroleum Distillate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
99.37	063503	EC	RT	0.072	0.072	0.068	
0.25	097801		BG	-	-	16.800	
0.36	006601						
99.19	063503	EC	RT	9.4	9.4	-	
0.26	067501		BG	15.5	10.7	10.7	
0.50	057801						
0.52	069001						
98.2	063503	EC	RT	2.050	2.680	2.680	
1.5	067501		D	-	0.265	-	

063602

Potassium Persulfate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
72.0	063602	G	B		1000		Erythema	Edema
4.0	075701						Erythema	Edema
12.0	028501							

I-318-B-1

063602

Potassium Persulfate

063901

Phenarsazine Chloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
82.0	063901	TC	RT	0.152	0.125	0.116	
8.0	069202		BG	0.170	0.156	0.152	

064103

O-Phenylphenol

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Screen	Oral LD ₅₀ (mg/kg)	Acute	Dermal Rating				
							Days	Abraded	Unabraded	Erythema	Edema
98.0	064103	C		-			7	0	0	0	0
95.0	064103	C		-			7	0	0	0	0
17.4 9.6	064103 040501	EC	B	>4000							
17.0 0.2 2.0	064103 062208 064118	EC		-			7	3	3	3	3
10.0 2.0 8.5	064103 064101 062201	EC	B	6200			7	4	2	4	2
0.2	064101		F	1000			7	4	4	4	4
3.9 0.8 3.4	064103 064101 062201	EC	B	5000							
0.41 2.34	064103 039107	PS	B	>5000							
0.20 1.97	064103 039107	PS	B	>5000							
0.176 0.044 0.300 53.460	064103 064101 040501 001501	PS	B	>5000							

064103

O-Phenylphenol

Active Ingredient(s) %	Chemical Code	Formulation Type	Formulation Sex	Oral LD ₅₀ (mg/kg) Screen	Acute	Days	Dermal Rating Abraded	Dermal Rating Unabraded
0.170	064103	PS	B	>5000			Erythema	Edema
0.035	069113						Erythema	Edema
67.750	047501							
0.143	064103	PS	F	>2500				
0.029	062206							
67.646	001501							
0.112	064103	PS	B	>5000				
0.019	077404							
0.024	064101							
0.045	069113							
67.270	001501							
0.100	064103	PS	B	>5000				
0.035	069113							
67.748	047501							
0.10	064103	PS	B	>5000	7	0	0	0
0.08	064202							
0.20	079018							
0.30	079020							
0.08	064103	PS	B	>5000				
0.02	064101							
53.46	001501							

064103

O-Phenylphenol

064104

Sodium o-Phenylphenate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	064104	D	F	1000			Erythema	Edema
4.0	064104	EC	B	7500			Erythema	Edema

064104

Sodium o-Phenylphenate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)	
			Species	24h	48h	96h
97.0	064104	TC	BG	6.2	6.2	6.2

I-322-A-1

064202

4-Chloro-2-Cyclopentyl Phenol

064210

2, 4, 5-Trichlorophenol

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Acute	Days	Dermal Rating	
							Abraded	Unabraded
14.25	064210	EC	M		560		Erythema	Edema
15.75	063001		M		296		Erythema	Edema
			F	226				

I-323-C-1

064210

2, 4, 5-Trichlorophenol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
10.0	064210	EC	RT	3.95	3.77	3.38	
5.0	068102		BG	6.30	4.60	3.95	

064217

2, 4, 5-Trichlorophenol, Sodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50 (ppm)		
				24h	48h	96h
32.7	064217		BG	1.46	1.38	1.28
7.60	064217		RT	1.18	1.05	0.91
3.25	014503					
4.00	063003		BG	1.72	1.33	1.20

064220

Sodium 2, 4, 6-Trichlorophenate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
59.0	064220	EC	B	1320			Erythema	Edema
23.6	064220						Erythema	Edema
4.0	004205							
9.0	063003							
10.0	047501							

064501

Phenothiazine

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
29.4	064501	G	B	>1500			Erythema	Edema
16.8	057901						Erythema	Edema
23.52	064501	G	B	>1500				
11.21	057901							
8.0	064501	D	B	>2000				
7.0	064501	G	B	>2000				
2.0	064501	G	B	>3000				
1.25	064501	G	B	>1000				

066003

Phenylmercuric Acetate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
4.75	066003	EC	B	1500			Erythema	Edema
3.75	067303		B	1250			Erythema	Edema
			F	840				

066022

Phenylmercuric Oleate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.04	066022	EC	B	>3500			Erythema	Edema
0.56	063004						Erythema	Edema

067002

Pine Oil

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
							Unabraded
5.10	067002	EC	B	>1250			Erythema
0.13	039107						Edema
0.31	079701						Erythema
1.35	062210						Edema
2.00	047501						
3.51	062208						
5.00	079009						
1.09	067002	EC	B	>7500			
0.01	069001						
0.09	010002						
0.91	047101						
97.90	067205						
0.900	067002	PS	B	>5000			
0.008	071003						
0.016	071004						
0.056	069001						
0.406	063503						

067002

Pine Oil

067205

Pine Tar Oil

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
99.0	067205	EC	B	>3250		Erythema		Edema
42.0	067205	EC	B	>2500		Erythema		Edema
41.0	067205	EC	M	800				
1.0	062201							
2.0	009502							
5.0	038501							
5.0	031608							
5.0	085702							
5.0	011901							
23.5	069002							
38.0	067205	EC	B	7390				
1.5	079019							
2.4	046401							
3.0	067002							
24.0	010801							
25.0	427200							

067205

Pine Tar Oil

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
35.0	067205	0	B	>1990			Erythema	Edema
2.0	009502						Erythema	Edema
5.0	011901							
5.0	038501							
5.0	099701							
5.0	085702							
6.0	022002							
20.0	067002							

067301

1-(Alkyl * Amino)-3-Aminopropane * (as in fatty acids of coconut oil)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
17.0	067301	C	RT	0.32	0.21	0.14
5.0	083001					

067501

Piperonyl Butoxide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	067501	EC	B	6100	Erythema		Edema	Erythema Edema
			B	5000				
60.0	067501	EC	B	4300	7	4	4	4
6.0	069001							
16.0	063503							
60.0	067501	EC	B	>3500				
6.0	069001							
2.22	067501	EC	B	7500				
0.22	069001		F	>7500				
1.50	067501	WP	B	1500				
0.15	069001							
0.75	071003							
1.50	071004							
1.50	067501	EC	B	>7500				
0.30	069001							
98.20	063503							
1.0	067501	GS	B	>6000				
0.4	069001							
3.6	063503							
10.0	011901							

067501

Piperonyl Butoxide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
1.0	067501	EC	B	7400		7	Erythema	Edema	Erythema
0.4	069001		B	>5000			0	0	0
3.6	063503		B	7500			4	4	4
40.0	067002								
50.0	010002								
1.00	067501	PS	M	>2750					
0.25	069001								
13.55	063503								
1.0	067501	PS	B	>5000					
0.1	069001								
0.5	057801								
73.4	063503								
1.0	067501	EC	B	>7500		7	0	0	0
0.1	069001								
98.9	063501								
0.880	067501	PS	B	>5000					
0.088	069001								
0.352	063503								
0.750	067501	EC	B	>7500					
0.075	069001								

067501

Piperonyl Butoxide

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)		Dermal Rating		
				Screen	Acute	Days	Abraded	Unabraded
0.555	067501	EC	B	>7500			Erythema	Edema
0.055	069001						Erythema	Edema
0.50	067501	EC	B	6000				
0.05	069001		B	10,000				
7.50	079028							
11.25	079020							
0.5	067501	EC	B	20,000				
0.5	069001							
70.0	079011							
0.50	067501	EC	B	>7500				
0.05	069001							
0.50	067501	EC	F	>7500				
0.06	069001							
99.44	063503							
0.5	067501	EC	B	>10,000				
40.0	069001							
50.0	057001							
98.6	063503							

067501

Piperonyl Butoxide

067501

Piperonyl Butoxide

067501

Piperonyl Butoxide

067501

Piperonyl Butoxide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)		
			Species	24h	48h	96h	
31.25	067501	EC	BG	56.0	49.0	49.0	
6.25	069001						
25.00	063503						

068002

Potassium Cyanate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
82.4	068002	TAB	B	1010 1000			Erythema	Edema

068002

Potassium Cyanate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)	
			Species	24h	48h	96h
64.0	068002		RT	33.0	25.0	19.5
18.4	030001		CA	23.0	21.0	-

068102

Methylene Bis(Thiocyanate)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
10.0	068102	EC	B	562			Erythema	Edema
7.0	068102	EC	B	500			Erythema	Edema

068102

Methylene Bis(thiocyanate)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
10.0	068102	G	RT	2.56	1.90	<1.80	
			BG	8.30	4.60	3.30	
			BG	2.30	1.80		

068104

Vinylene Bis thiocyanate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
8.0	068104	C	BG	3.50	3.50	1.97

068106

Chloroethylene Bisthiocyanate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
10.0	068106	EC	RT BG	1.50 2.70	1.27 2.15	1.15 1.92

068302

Potassium Dichromate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating				
		Type	Sex		Screen	Acute	Days	Abraded	Unabraded
53.0	068302	EC	B	74		Erythema	Edema	Erythema	Edema
10.0	006802								
32.0	024401								

068401

Allyl Alcohol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
98.0	068401		RT BG	2.53 2.65	1.45 1.50	1.28 -	

068501

Potassium Permanganate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
10.00	068501	G	B	1600			Erythema	Edema
14.55	072604						Erythema	Edema

068501

Potassium Permanganate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
100.0	068501	G	BG	4.5	2.7	2.3

069001

Pyrethrins

069001

Pyrethrins

069001

Pyrethrins

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Acute	Days	Dermal Rating	
							Abraded	Unabraded
0.3	069001	PS	B	3600			Erythema	Edema
1.5	067501						Erythema	Edema
18.2	063503							
0.30	069001	EC	B	>10,000				
0.60	067501							
1.00	057001							
98.01	063503							
0.30	069001	D	M	>1500				
3.00	063503							
0.3	069001	PS	B	>5000				
0.6	067501							
1.0	057001							
8.1	063503							
0.28	069001	EC	B	1000				
0.75	071003							
1.50	071004							
2.00	067501							
20.00	067002							
30.47	006501							
40.00	031605							

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation Type	Oral LD ₅₀ (mg/kg) Screen	Acute	Days	Dermal Rating Abraded	Unabraded
0.25	069001	PS	>5000			Erythema	Edema
1.00	067501					Erythema	Edema
13.55	063503						
0.25	069001	PS	>5000				
1.00	006601						
1.25	067501						
0.25	069001	PS	>5000				
0.80	067501						
1.04	063503						
0.25	069001	PS	>5000				
1.00	067501						
1.00	063503						
0.25	069001	PS	>5000				
0.40	057001						
0.80	067501						
8.55	063503						
0.25	069001	PS	5000				
0.63	067501						
0.63	057001						
8.50	063503						

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Acute	Dermal Rating	
						Days	Abraded
						Erythema	Edema
0.25	069001	PS	B	>1590			
0.50	067501						
0.50	057001						
1.00	063503						
0.25	069001	PS	B	>5000			
1.25	067501						
18.50	063503						
0.25	069001	PS	B	1920			
0.81	067501						
1.02	063503						
0.23	069001	PS	B	>3500			
0.46	067501						
0.46	057001						
0.67	063503						
0.22	069001	EC	B	3500			
0.20	069001	PS		>5000			
0.47	063501						
2.00	067501						
8.00	011901						

069001

Pyrethrins

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD50(mg/kg)	Dermal Rating			
					Screen	Acute	Days	Abraded
0.1	069001	PS	B	>5000			Erythema	Edema
1.0	067501						Erythema	Edema
4.5	072602							
0.1	069001	D	B	>1500				
1.0	067501							
2.2	075301							
4.9	063503							
45.0	011901							
46.8	072602							
0.1	069001	EC	B	>3500				
2.0	021901							
20.0	063502							
20.0	011901							
56.9	063503							
0.10	069001	EC	B	>7500				
0.20	067501							
0.35	057001							
0.70	047201							
93.40	063503							
0.1	069001	EC	B	>7500				
1.0	067501							

069001

Pyrethrins

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
0.10	069001	PS	B	5000		Erythema	Edema	Erythema
1.00	067501							Edema
4.00	072602							
4.90	063503							
0.09	069001	PS	B	>5000				
0.20	067501							
0.33	057001							
35.00	056801							
64.37	063503							
0.090	069001	PS	B	>5000				
0.075	083501							
0.075	068604							
0.075	067002							
0.180	067501							
0.300	057001							
0.430	063503							
0.09	069001	PS	B	>5000				
9.00	067501							
10.10	063503							

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.075	069001	PS	B	>5000			Erythema	Edema
0.150	067501		B				Erythema	Edema
0.250	057001							
0.200	057701							
0.380	063503							
0.500	034001							
0.075	069001	D	B	>2000				
0.200	047201							
0.200	057001							
0.075	069001	EC	B	>7500				
0.750	067501							
8.500	079011							
0.075	069001	PS	B	>5000				
0.050	071003							
0.100	071004							
0.100	067501							
0.166	057001							
0.240	043302							
7.769	063503							

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating			
					Screen	Acute	Days	Abraded
0.075	069001	PS	B	>5000			Erythema	Edema
0.150	067501						Erythema	Edema
0.150	057001							
0.500	084001							
16.625	063503							
0.075	069001	EC	F	>5000				
0.150	067501							
0.250	057001							
99.525	063503							
0.075	069001	PS	B	>5000		7	4	3
0.188	067501							3
0.500	056801							2
24.237	063503							
0.06	069001	PS	B	>5000				
0.48	067501							
0.06	069001							
0.10	064208							
0.24	043302							
0.48	067501							
0.50	057701							
23.62	063503							

069001

Pyrethrins

069001

Pyrethrins

069001

Pyrethrins

Active Ingredient(s) %	Chemical	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating			
	Code	Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
0.057	069001	EC						Erythema	
0.286	067501						7	4	Edema
0.500	057801						0	4	Erythema
98.580	063503						0	0	Edema
0.056	069001	PS	B	>5000					
0.008	071003								
0.016	071004								
0.200	043302								
0.406	063503								
0.900	067002								
0.055	069001	EC	B	>7500					
0.055	067501								
0.052	069001	EC	F	>7500					
0.260	067501								
0.500	059101								
98.740	063503								
0.053	069001	EC	B	>7500					
0.533	067501								
4.000	011901								
95.410	006601								

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.051	069001	PS	B	1300			Erythema	Edema
0.103	067501						Erythema	Edema
0.171	057001							
0.050	069001	PS	B	>5000				
0.100	067501							
0.100	064208							
0.170	057701							
0.240	043302							
0.500	056801							
18.840	063503							
0.05	069001	EC	B	>15,000				
0.50	067501							
0.05	069001	EC	B	>7500				
0.10	022104			15,000				
0.50	067501							
0.05	069001	EC	B	>7500				
0.50	067501							
1.00	055001							
25.00	045503							

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded
0.05	069001	PS	B	>5000	Erythema	Edema	Erythema
0.20	040501						Edema
0.25	044901						
0.25	071003						
0.50	067501						
0.50	071004						
2.00	068603						
3.00	011001						
0.050	069001	PS	B	>5000			
0.125	067501						
0.500	084001						
0.500	045001						
95.825	063503						
0.050	069001	EC	B	15,000			
0.100	001001						
0.100	022104						
0.500	067501						
2.625	079036						
5.000	079004						
5.906	079011						

069001

Pyrethrins

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
0.050	069001	PS		>5000		Erythema	Edema
0.050	047802					Erythema	Edema
0.100	067501						
0.166	057001						
84.700	063503						
0.045	069001						
0.075	083501	PS		>5000			
0.075	068603						
0.090	067501						
0.150	057001						
0.215	063503						
0.045	069001						
0.015	057001	PS		>5000			
0.090	067501						
1.000	058301						
1.500	058201						
93.265	063503						
0.045	069001						
39.000	075202	D		707			
45.000	011102						

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
					Erythema	Edema	Erythema
0.03	069001	EC	B	>10,000			Edema
0.24	057101						
2.00	067002						
97.73	063503						
0.03	069001	PS	B	>5000			
0.06	067501						
0.10	057001						
0.10	083501						
0.10	068603						
0.15	063503						
0.03	069001	PS	B	>5000			
0.03	040501						
0.10	009001						
0.24	067501						
5.00	011901						
0.03	069001	EC	F	>3500			
0.20	043302						
0.25	067501						
0.25	067002						
99.50	063503						

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded
0.025	069001	S	B	>1000			Erythema
0.050	067501		B	>4000			Edema
0.084	057001						Erythema
0.120	063503						Edema
89.000	079009						
0.024	069001	EC	B	>7500			
0.200	067501						
4.000	011901						
95.776	063503						
0.025	069001	PS	B	5000			
0.101	063503						
0.128	071003						
0.236	071004						
0.254	011901						
0.256	067501						
24.000	047501						
0.025	069001	PS	B	>5000			
0.250	067501						
0.500	034001						
5.000	011901						

069001

Pyrethrins

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.02	069001	PS	B	2500	Erythema	Edema	Erythema	Edema
0.10	071003							
0.12	029601							
0.12	036001							
0.12	063503							
0.20	071004							
0.30	051001							
0.30	034001							
0.007	069001	EC	F	4400				
0.118	063502							
0.225	067002							
0.005	069001	PS	B	5000				
0.250	067501							
0.500	034001							
5.000	011901							

069001

Pyrethrins

069003

Tetramethrin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
90.0	069003	G	F	>1500			Erythema	Edema
0.284	069003						Erythema	Edema
0.140	097801	PS	B	>5000				
9.000	063503							

069003

Tetramethrin

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
25.0	069003		RT	9.2	8.2	8.2

069102

Alkenyl * Dimethyl Ethyl Ammonium Bromide * (90% C₁₈, 10% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
40.0	069102	EC	B	710		7 14	Erythema 4 4	Edema 0 0	Erythema 4 4	Edema 0 0
36.0	069102	EC	B	540		7	4	2	4	2
1.0	069112									
1.5	069111									
1.5	069104									
10.0	069102	EC	B	2100		7	4	1	4	1
			B	2000						

069102

Alkenyl * Dimethyl Ethyl Ammonium Bromide * (90% C₁₈, 10% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation			Washed				<u>Ocular</u>				Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	Cor	Iris	Red
40.0	069102	EC		7 14	3 4	2 2	3 3	4 4	4 4	2 2	3 3	4 4			
36.0	069102	EC		7	4	2	3	4	4	2	3	4			
1.0	069112														
1.5	069111														
1.5	069104														
10.0	069102	EC		7	3	2	3	3	3	2	3	3			

069102

Alkenyl * Dimethyl Ethyl Ammonium Bromide * (90% C₁₈, 10% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
36.0	069102	EC	RT	0.88	0.78	0.65	
1.0	069112						
1.5	069104		BG	0.77	0.68	0.62	
1.5	069111						

069104

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₈, 5% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
50.0	069104	EC	B B	600	345 300	7 7 14	Erythema 4 2 1	Edema 4 4 3	Erythema 4 2 4	Edema 4 2 1
42.0	069104	EC	B	500	700	7	4	3	4	3
8.0	069119		B	550		7	4	0	4	0
30.000	069104	EC	B	5000						
0.700	040501									
0.143	039107									
25.0	069104	EC	B	520		7	3	2	3	2
25.0	069111		B	560						
20.0	069104	WP	B	500		7	3	0	3	0
20.0	069111									
17.0	069104	EC	B	1500		7	4	2	4	2
15.0	069104	EC				7 14	4 0	0	0	0

069104

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₈, 5% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
15.0 9.0	069104 069116	EC	B	1400			Erythema	Edema	Erythema Edema
10.0 0.5	069104 039104	EC	B	3700					
10.0 0.5	069104 039107	EC	B	>5000 3500		7 ----- 7	4 4 3	4 4 3	4 4 3
9.0 2.0 9.0	069104 069109 069116	EC	B	1600 1400 1100		7 ----- 7	3 4 4	1 4 4	3 4 4
8.4 1.6	069104 069167	EC	B	<2000					
8.4 1.6	069104 069119	EC	B	>3500 3600		7	4	2	4 2

069104

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₈, 5% C₁₂)

069104

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₈, 5% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
5.0	069104						Erythema			
5.0	069106	EC	B	2700		7	4	4	4	4
5.0	069104						Edema			
5.8	069154	EC	F	2300			4			
26.8	076001						Erythema			
5.0	069104						4			
5.0	069154	EC	B	1210			1			
30.0	076001						4			
5.0	069104						1			
4.0	069154	EC	B	800		7	4			
4.0	076001									
4.0	069104									
4.0	069111	D	B	>1500						
3.85	069104									
3.85	069104	EC	B	3200						
3.61	069104									
0.51	083001	EC	B	2500		7	4			
3.61	069111						4			
3.5	069104									
2.0	039107	EC	B	4700						

069104

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₈, 5% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating			
					Screen	Acute	Days	Abraded
1.5	069104	EC	B	>7500			Erythema	Edema
0.8	039104						Erythema	Edema
3.5	072604							
0.8	069104	EC	F	>7500		7	4	2
0.8	069154						4	2
0.8	069104	EC		-		7	4	4
0.8	069111						4	4
0.486	069104	PS	F	>5000				
0.012	083109							
0.024	083115							
0.036	083106							
30.028	047501							
0.256	069104	PS	B	>5000				
0.232	072604							
0.256	069111							
0.442	039107							
0.13	069104	EC	B	>10,000				

069104

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₈, 5% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
							Unabraded
0.106	069104	PS	B	>5000			Erythema
0.106	069111						Edema
0.190	040501						Erythema
0.231	072604						Edema
0.08	069104	PS	B	>5000			
0.08	069111						
0.20	040501						
0.25	072604						
0.50	039101						
0.076	069104	PS	B	>5000			
0.076	069111						
0.200	040501						
0.240	072604						
0.065	069104	PS	B	>5000			
0.065	069111						
62.560	001501						
0.010	069111	EC	B	>5000	7	1	0
0.045	069106						1
0.045	069104						0
0.150	073506						

069104

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₈, 5% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Washed				<u>Ocular</u>				Unwashed
				Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	
50.0	069104	EC		7	3	2	3	4	3	2	3	4
				7	4	2	3	4	4	2	3	4
				14	4	2	3	3	4	2	3	3
				7	3	1	3	3	3	2	3	4
				14	3	1	3	3	3	2	3	3
42.0	069104	EC		7	1	0	0	0	4	2	3	4
8.0	069119	EC		14	0	0	0	0	4	2	3	4
				7	4	2	3	4	4	2	3	4
25.0	069104	EC		7	4	2	3	4	4	2	3	4
25.0	069111	EC		14	4	2	2	3	4	2	3	3
20.0	069104	WP		7	4	2	3	4	4	2	3	4
20.0	069111	WP		14	4	2	3	4	4	2	3	4
17.0	069104	EC		7	3	2	3	4	3	2	3	4
15.0	069104	EC		7	4	2	3	4	4	2	3	4
10.0	069104	EC		7	4	2	3	4	4	2	3	4
				7	3	2	3	4	3	2	3	4
				7	2	1	2	2	2	1	2	2
				7	3	2	2	2	3	2	2	2
				14	4	2	0	0	4	2	0	0

069104

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₈, 5% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Washed				<u>Ocular</u>			Unwashed		
				Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
7.5	069104	EC		7	4	-	3	3	4	-	3	3	
6.0	069104	EC		7	0	0	2	1	3	2	3	3	
6.0	069111												
5.0	069104	WP		7	2	1	3	2	2	1	3	2	
35.0	073506												
5.0	069104	EC		7	2	1	2	3	3	2	2	3	
5.0	069111			7	3	1	3	4	3	1	3	4	
				7	3	2	3	2	3	2	3	2	
				7	3	2	3	4	3	2	3	4	
5.0	069104	EC		7	1	0	1	0	2	1	2	1	
5.0	069154												
5.0	069104	EC		7	3	1	3	3	3	1	3	3	
5.0	069106												
5.0	069104	EC		7	0	0	0	0	3	2	3	2	
5.0	069104	EC		7	3	1	3	4	3	1	3	4	
5.0	069154												
30.0	076001												
3.85	069104	EC		7	0	0	1	0	1	0	2	1	

069104

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₈, 5% C₁₂)

069104

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₈, 5% C₁₂)

069104

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₈, 5% C₁₂)

069104

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₈, 5% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
25.0	069104	TC	RT	2.15	1.73	1.36	
	069154		BG	0.95	0.86	0.83	
20.0	069104	EC	RT	-	2.10	2.10	
	069167		BG	1.40	1.40	1.40	

069105

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₄, 40% C₁₂, 10% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating			
				Screen	Acute	Days	Abraded	Unabraded		
80.0	069105	EC	B	280		7	Erythema	Edema	Erythema	Edema
			B	380			4	4	4	4
56.0	069105	EC	M		315					
50.0 7.5	069105 047501	EC	B	530						
50.0 6.0	069105 001501	EC	B	570						
44.0	069105	EC	B	620						
				500						
40.0	069105	EC	B	675		7	4	3	4	3
			B	450						
						7	4	4	4	4
						14	4	4	4	4
35.14 0.19	069105 076602	EC	B	914		7	4	2	4	2
24.0	069105	TAB	B	490		7	4	4	4	4

069105

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₄, 40% C₁₂, 10% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating				
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
20.0	069105	EC	B	1000		7	Erythema 4	Edema 1	Erythema 4	Edema 1
20.0 5.0	069105 047501	EC	B	>1500						
17.0	069105	EC	B	1850						
15.0	069105	WP				7	4	4	4	4
10.25	069105	EC	B	2500		7	4	4	4	4
			B	2700						
10.0 0.5	069105 073506	EC	B	3400		7	4	4	4	4
			B	2000						
10.0	069105	EC	B	3500		7	2	1	2	1
			B	3200		7	2	0	3	1
			B	2700		14	2	0	2	0
						7	2	1	2	1
						7	4	3	4	3
10.0 2.5	069105 001501	EC	B	3000		7	1	0	1	0
			B	>2500		7	0	0	0	0
						7	4	1	4	1

069105

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₄, 40% C₁₂, 10% C₁₆)

069105

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₄, 40% C₁₂, 10% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
4.0	069105	EC	B	5000		7	Erythema 1	Edema 0	Erythema 1	Edema 0
4.0	069105	EC	M	5000		7	0	0	0	0
1.0	073506									
12.5	039110									
3.5	069105	EC	B	3600						
0.5	039109									
3.5	069105	EC	B	5000						
3.25	069105	EC	B	>3500		7	4	3	4	3
1.00	004208					7	4	4	4	4
2.5	069105	EC	B	>5000						
2.0	076406									
2.5	069105	L	B	-		7	4	3	4	3
						7	4	4	4	4

069105

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₄, 40% C₁₂, 10% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
2.4	069105	EC	B	6020		7	Erythema 3	Edema 3
1.75	069105	EC	B	4800				
1.5	069105	EC	B	>7500				
0.8	039107							
3.5	072604							
0.384	069105	PS	B	>5000				
0.480	040501							
0.960	039101							
1.920	076406							
5.760	047501							
0.13	069105	EC	B	7500				
0.05	069105	EC	B	>5600				
25.00	076001							

069105

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₄, 40% C₁₂, 10% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Washed				<u>Ocular</u>				Unwashed				
				Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis
80.0	069105	EC		7	4	2	3	4	4	2	3	4				
44.0	069105	EC		7	3	1	3	3	3	1	3	3				
				7	4	2	3	4	4	2	3	4				
				14	3	1	2	1	4	2	2	3				
40.0	069105	EC		7	4	2	3	4	4	2	3	4				
				7	3	2	3	4	4	2	3	4				
20.0	069105	EC		7	2	1	2	2	3	2	2	3				
				14	2	1	1	1	2	2	2	2				
20.0 5.0	069105 047501	EC		7	4	2	3	4	4	2	3	4				
				14	4	2	2	2	4	2	2	2				
15.0	069105	EC		7	4	2	3	4	4	2	3	4				
10.25	069105	EC		7	3	2	3	3	3	2	3	3				
				7	3	1	3	3	3	1	3	3				
				7	1	1	2	0	3	1	3	3				
				14	3	2	3	3	4	2	3	4				

069105

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₄, 40% C₁₂, 10% C₁₆)

069105

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₄, 40% C₁₂, 10% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation			Washed				<u>Ocular</u>				Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	Cor	Iris	Red
5.25	069105	EC		7	1	1	3	2	1	1	3	2			
5.0	069105	EC		7 14	2 3	1 1	1 1	2 1	2 3	1 1	1 1	2 1			
5.0 15.0	069105 073506	G		7	1	1	1	2	0	1	1	2			
4.0	069105	EC		7	0	0	2	1	0	0	2	1			
				7	1	1	2	1	1	1	2	1			
4.0 1.0 12.5	069105 073506 039110	EC		7	0	1	3	2	3	2	3	2			
3.25 1.00	069105 004208	EC		7	2	1	3	3	2	1	3	3			
				7	2	2	3	3	2	2	3	3			

069105

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₄, 40% C₁₂, 10% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation			Washed				<u>Ocular</u>				Unwashed			
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis
2.5	069105	EC		7	0	0	0	0	2	1	1	2				
2.0	076406			14	0	0	0	0	1	0	0	1				
2.5	069105	L		7	2	2	3	4	2	2	3	4				
				7	1	1	3	2	1	1	3	2				
2.4	069105	EC		7	1	1	1	1	1	1	1	1				
0.13	069105	EC		7	0	0	0	0	0	0	0	0				

069105

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₄, 40% C₁₂, 10% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
52.68	069105		RT	0.88	0.53	0.34	
3.07	022501						

069106

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₂, 30% C₁₄, 17% C₁₆, 3% C₁₈)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)		Dermal Rating			
				Screen	Acute	Days	Abraded	Unabraded	
5.0	069106	EC	B	>5000		7	Erythema	Edema	Erythema
5.0	069104		B	4300		4	2	4	2
						7	4	3	4
							3		
3.3	069106	EC	B	8000					
1.5	069106	EC	B	4600		7	4	4	4
0.02	069106	EC	B	>3500					
0.01	039110								
0.02	069106	EC	B	>3100					
0.01	039115			>10,000					

069106

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₂, 30% C₁₄, 17% C₁₆, 3% C₁₈)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
40.0	069106	G	B	685		7	Erythema	Edema	Edema
17.0	069106	EC	B	1630		7	3	2	3
12.5	069106	EC	B	875					
12.2	069106	TAB	B	2300					
10.25 1.20	069106 039107	EC	B	2200		7	4	4	4
10.0	069106	EC	B	3500		7	4	2	2
			B	2400			4	4	4
7.4 6.5 10.6	069106 069156 076204	EC				7	1	2	1
7.0 7.0	069106 069156	EC	F B	1000 >750		7	4	4	4
7.0 4.0 7.0	069106 001501 069156	EC	B	850					

069106

Alky1 * Dimethyl Benzyl Ammonium Chloride * (50% C₁₂, 30% C₁₄, 17% C₁₆, 3% C₁₈)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Days	Washed			<u>Ocular</u>			Unwashed		
					Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
40.0	069106	G		7	1	1	2	2	4	1	2	3	
17.0	069106	EC		7	3	2	3	3	3	2	3	3	
12.5	069106	EC		7	2	0	3	3	4	2	3	4	
12.2	069106	TAB		7	0	0	0	0	0	0	0	0	
10.25	069106	EC		7	3	2	3	2	3	2	3	2	
1.20	039107												
10.0	069106	EC		7	3	2	3	3	4	2	3	4	
				14	4	2	2	3	4	2	3	3	
					7	3	1	3	3	3	1	3	
					7	4	1	3	4	4	1	3	
7.4	069106	EC		7	2	1	2	2	2	1	2	2	
6.5	069156												
10.6	076204												
7.0	069106	EC		7	4	2	3	3	4	2	3	3	
7.0	069156												
					7	3	1	3	3	3	1	3	

069106

Alkyl * Dimethyl Benzyl Ammonium Chloride * (50% C₁₂, 30% C₁₄, 17% C₁₆, 3% C₁₈)

069107

Alkyl * Dimethyl Benzyl Ammonium Chloride * (100% C₁₄)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	069107	EC	B	280			Erythema	Edema

069109

Alkyl * Dimethyl Benzyl Dimethyl Ammonium Chloride * (50% C₁₂, 30% C₁₄, 17% C₁₆, 3% C₁₈)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating			
					Screen	Acute	Days	Abraded
50.0	069109	EC	B	600			7	Erythema
15.0	047501						14	Edema
14.0	069109	EC	B	2700				Erythema
9.5	047501							Edema
12.5	069109	EC	B	-			7	
15.0	047501						0	1
10.4	069109	EC	B	3650				0
10.0	069109	EC	B	1750				1
7.0	069109	EC	B	1100				
7.0	069156							
5.0	069109	EC	B	3900				
5.0	069104		B	>3500				

069109

Alkyl * Dimethyl Benzyl Dimethyl Ammonium Chloride * (50% C₁₂, 30% C₁₄, 17% C₁₆, 3% C₁₈)

069109

Alkyl * Dimethyl Benzyl Dimethyl Ammonium Chloride * (50% C₁₂, 30% C₁₄, 17% C₁₆, 3% C₁₈)

Active Ingredient(s) %	Chemical Code	Formulation			Washed				<u>Ocular</u>				Unwashed			
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis
50.0	069109	EC	B	7	3	2	3	4	4	2	3	4				
15.0	047501															
12.5	069109	EC	B	7	4	1	3	4	-	-	-	-				
15.0	047501															
10.0	069109	EC	B	7	4	2	3	4	4	2	3	4				
				14	4	2	2	1	4	2	2	1				
7.0	069109	EC		7	1	0	0	0	2	1	1	1				
7.0	069156			14	0	0	0	0	3	1	0	0				
6.5	069109	EC		7	3	1	3	2	3	1	3	2				
19.5	069106															
5.0	069109	EC		7	3	2	3	3	3	2	3	3				
5.0	069104				7	4	2	3	4	4	2	3				
					7	1	1	1	2	2	1	1				
					14	1	1	0	0	1	1	0				
1.6	069109	EC		7	0	0	1	1	0	0	1	1				
1.6	069104			14	2	1	0	0	2	1	0	0				

069110

Alkyl * Dimethyl 3, 4-Dichlorobenzyl Ammonium Chloride * (50% C₁₂, 30% C₁₄, 17% C₁₆, 3% C₁₈)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
10.0	069110	EC	B	2000			Erythema	Edema
5.0 18.0	069110 000101	EC	B	2000			Erythema	Edema
5.0 15.0	069110 076001	EC	B	>2500				
5.0 5.0	069110 069104	EC	B	3500				

069110

Alkyl * Dimethyl 3, 4-Dichlorobenzyl Ammonium Chloride * (50% C₁₂, 30% C₁₄, 17% C₁₆, 3 % C₁₈)

069111

Alkyl * Dimethyl Ethylbenzyl Ammonium Chloride * (50% C₁₂, 30% C₁₄, 17% C₁₆, 3% C₁₈)

069111

Alkyl * Dimethyl Ethylbenzyl Ammonium Chloride * (50% C₁₂, 30% C₁₄, 17% C₁₆, 3% C₁₈)

069112

Alkyl * Dimethyl 1-Naphthylmethyl Ammonium Chloride * (98% C₁₂, 2% C₁₄)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
50.0	069112	TAB			>1000			Erythema	Edema	
9.0	039101	B						Erythema	Edema	
50.0	069112	TAB	B	>2400 2000		7 14	4 4	0 0	4 4	0 0
			B							
						7 14	4 4	4 2	4 4	4 2
						7 14	4 4	1 0	4 4	1 0
37.5	069112	TAB	B	>1600		7	4	4	4	4

069112

Alkyl * Dimethyl 1-Naphthylmethyl Ammonium Chloride * (98% C₁₂, 2% C₁₄)

Active Ingredient(s) %	Chemical Code	Formulation				Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis		
50.0	069112	TAB		7	3	2	3	4	4	2	3	4		
9.0	039101			14	2	1	0	2	4	2	3	2		
50.0	069112	TAB		7	3	2	3	4	3	2	3	4		
				14	4	2	3	4	4	2	3	4		
				7	4	2	3	4	4	2	3	4		
				14	4	2	3	4	3	2	2	3		
				7	4	2	3	4	3	2	1	2		
37.5	069112	TAB		7	0	0	1	0	4	2	3	4		

069112

Alky1 * Dimethyl 1-Naphthylmethyl Ammonium Chloride * (98% C₁₂, 2% C₁₄)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50(ppm)		
				24h	48h	96h
50.0	069112	EC	RT	6.30	6.30	5.10
20.0	069112	EC	RT BG	21.50 3.85	15.50 3.40	12.30 3.20

069116

Alkyl * Methyl Isoquinolinium Chloride * (55% C₁₄, 25% C₁₂, 17% C₁₆, 3% C₁₈)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
10.0	069116	EC	B	920		7	Erythema	Edema	Erythema
1.6	069119						4	4	4
8.4	069104								4

069116

Alkyl * Methyl Isoquinolinium Chloride * (55% C₁₄, 25% C₁₂, 17% C₁₆, 3% C₁₈)

069118

Cetyl Pyridinium Bromide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
1.250	069118		RT	89.0	61.5	43.5	
0.125	039115						
0.250	040501						

069122

Diisobutylphenoxyethoxyethyl Dimethyl Benzyl Ammonium Chloride

069122

Diisobutylphenoxyethoxyethyl Dimethyl Benzyl Ammonium Chloride

069125

Dodecylbenzyl Trimethyl Ammonium Chloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
50.0	069125	EC	B	700	440	7	Erythema 4	Edema 4	Erythema 4	Edema 4
25.0	069125	EC	B	>634						
12.0	069125	EC	B	1900						
10.0	069125	EC	B	>4500 2800						
7.5 92.5	069125 073506	TAB	B	>2000						
4.0 0.1 2.4 3.5	069125 039105 076406 069141	EC	B	3400 2800		7	4	2	4	2

069125

Dodecylbenzyl Trimethyl Ammonium Chloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Days	Washed			<u>Ocular</u>		Unwashed		
					Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis
50.0	069125	EC		7 14	3 3	2 2	3 3	4 4	3 3	2 2	3 3	4 4
10.0	069125	EC		7	2	1	1	1	2	1	1	1
				7	1	1	1	1	1	1	1	1
7.5 92.5	069125 073506	TAB		7 14	2 0	1 0	3 0	3 0	2 0	1 0	3 0	3 0
4.0 0.1 2.4 3.5	069125 039105 076406 069141	EC		7	4	2	3	4	4	2	3	4

069125

Dodecylbenzyl Trimethyl Ammonium Chloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
50.0	069125	C	RT BG	17.4 5.3	13.8 4.7	10.5

069129

Methyldodecylbenzyl Trimethyl Ammonium Chloride 80% and Methyldodecylxylylene Bis(Trimethyl Ammonium Chloride) 20%

069129

Methyldodecylbenzyl Trimethyl Ammonium Chloride 80% and Methyldodecylxylylene Bis (Trimethyl Ammonium Chloride) 20%

069129

Methyldodecylbenzyl Trimethyl Ammonium Chloride 80% and Methyldodecylxylylene Bis(Trimethyl Ammonium Chloride) 20%

069129

Methyldodecylbenzyl Trimethyl Ammonium Chloride 80% and Methyldodecylxylylene Bis(Trimethyl Ammonium Chloride) 20%

069129

Methyldodecyl Benzyl Trimethyl Ammonium Chloride 80% and Methyldodecylxylylene
Bis(Trimethyl Ammonium Chloride) 20%

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC50(ppm)	
			Species	24h	48h	96h	
68.0	069129		RT BG	0 117.0	0 113.0	32.0 -	

I-356-A-1

069134

Methylbenzethonium Chloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
?	069134	TALC	B	>1500		7	Erythema 0	Edema 0	Erythema 0	Edema 0

069134

Methylbenzethonium Chloride

069137

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 25% C₁₂, 15% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
10.0	069137	EC	B F	>5000 >1250		7	Erythema 4	Edema 4

I-357-B-1

069137

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 25% C₁₂, 15% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation			Washed				<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis		
10.0	069137	EC		7	4	2	3	4	4	3	2	3	4	
				7	3	2	3	4	3	2	3	4		

069137

Alkyl * Dimethyl Benzyl Ammonium Chloride * (60% C₁₄, 25% C₁₂, 15% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)		
			Species	24h	48h	96h	
7.5	069137	EC	RT	13.3	9.0	6.6	
0.1	039115		BG	7.2	6.4	6.4	

069140

Alkyl * Dimethyl Benzyl Ammonium Chloride * (61% C₁₂, 23% C₁₄, 11% C₁₆, 2.5% C₁₈, 2.5% C_{10+C₈})

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
10.0	069140	PS	B	2450		7	Erythema 2	Edema 2	Erythema 2	Edema 2

I-358-B-1

069140

Alkyl * Dimethyl Benzyl Ammonium Chloride * (61% C₁₂, 23% C₁₄, 11% C₁₆, 2.5% C₁₈, 2.5% C_{10+C₈})

Active Ingredient(s) %	Chemical Code	Formulation			Days	Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Cor		Iris	Red	Chemosis	Cor	Iris	Red	Chemosis		
10.0	069140	PS	B	7	4	2	3	4	4	2	3	4		

069140

Alkyl * Dimethyl Benzyl Ammonium Chloride * (61% C₁₂, 23% C₁₄, 11% C₁₆, 2.5% C₁₈, 2.5% C_{10+C₈})

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
10.0	069140	L	RT BG	36.0 11.2	22.0 9.6	18.5 9.6	

069141

Alkyl * Dimethyl Benzyl Ammonium Chloride * (58% C₁₄, 28% C₁₆, 14% C₁₂)

073301

Sodium Chlorate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)	
			Species	24h	48h	96h
77.0	073301		RT BG	0 0	0 0	0(180) 0(100)

073301

Sodium Chlorate

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating			
					Acute	Days	Abraded	Unabraded
27.5	073301	EC	B	>8740			Erythema	Edema
25.0	073301	EC	B	7500			Erythema	Edema

072605

Silicon Dioxide

072604

Sodium Metasilicate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
68.0	072604	RT	0	0	0(32)	
32.0	069129	BG	117.0	113.0	-	

072604

Sodium Metasilicate

Active Ingredient(s) %	Chemical Code	Formulation			Days	Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Cor		Iris	Red	Chemosis	Cor	Iris	Red	Chemosis		
1.9	072604	EC			7	0	0	1	0	2	1	3	1	

072604

Sodium Metasilicate

072602

Silica Gel

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
96.15	072602	D	B	>1500			Erythema	Edema
0.35	069001						Erythema	Edema
3.50	067501							
95.3	072602	D	B	>1500				
4.7	075301							
95.5	072602	WP	B	>1500				
1.5	075301							
10.00	072602	D	B	>1500				
0.05	069001							
0.25	071003							
0.25	057701							
0.50	067501							
0.50	071004							
2.00	055001							
3.00	056801							

072503

Silver Nitrate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
0.80	072503	L	BG	5.60	4.45	3.60	
0.52	072501						

072003

Selenium Disulfide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.9	072003	EC	B	10,000 6,000			Erythema	Edema

071004

Cube Resins

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppb)	
			Species	24h	48h	96h
5.0	071004	EC	RT	31.0	27.3	27.3
2.5	071003		RT	52.0	46.0	39.5
2.5	057101		RT	75.0	64.0	58.0
			RT	-	39.5	32.5
			RT	88.0	82.0	76.0
			RT	88.0	73.0	66.0
			RT	76.0	61.0	58.0
			RT	88.0	76.0	74.0
			RT	79.0	64.0	64.0
			RT	85.0	76.0	64.0
			RT	82.0	70.0	70.0
			RT	74.0	57.0	57.0
			RT	90.0	82.0	77.0
			RT	74.0	60.0	60.0
			BG	165.0	152.0	152.0
			BG	192.0	163.0	138.0
			BG	105.0	98.0	98.0
			BG	83.0	78.0	78.0
			BG	171.0	148.0	138.0
			BG	145.0	127.0	128.0
			BG	165.0	152.0	152.0
2.0	071004		RT	63.0	52.0	52.0
1.0	071003					

071004

Cube Resins

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppb)		
				24h	48h	96h
10.0	071004	WP	RT	24.5	21.0	21.0
5.0	071003		RT	33.0	25.2	23.3
			RT	57.0	44.0	44.0
			RT	38.0	23.0	22.0
			RT	58.0	49.0	44.5
			RT	58.0	42.0	38.0
			RT	40.0	38.5	35.0
			RT	27.0	26.0	26.0
			RT	43.0	40.0	39.0
			RT	64.5	50.0	40.0
			RT	32.0	26.0	24.0
			RT	45.5	36.0	34.5
			RT	56.0	52.0	47.0
			RT	40.0	31.0	29.0
			RT	52.0	34.5	29.0
			BG	104.0	98.0	90.0
			BG	122.0	105.0	97.0
			BG	146.0	118.0	105.0
			BG	171.0	148.0	138.0
			BG	87.0	87.0	87.0
			BG	165.0	152.0	152.0
			BG	215.0	205.0	165.0
			BG	213.0	155.0	145.0
			BG	165.0	155.0	155.0
			BG	140.0	135.0	127.0
			BG	200.0	180.0	180.0
			BG	170.0	160.0	140.0

071004

Cube Resins

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppb)	
			Species	24h	48h	96h
12.0 6.8	071004 071003		RT	50.0	45.0	45.0
13.8 5.0	071004 071003		BG	96.0	79.0	72.0
9.8 5.0 68.2	071004 071003 006602	EC	BG BG BG	85.0 61.5 76.0	79.0 61.5 76.0	74.0 56.0 76.0
9.63 7.67	071004 071003		BG	103.0	95.0	80.0

071502

Ryanodine

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
0.08	071502	B	BG	0	0	0(180)

071502

Ryanodine

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.00	071502	WP	B	1200			Erythema	Edema
0.22	071502	D	B	>2000			Erythema	Edema

071003

Rotenone

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)	
			Species	24h	48h	96h
5.0	071003		RT	35.5	28.5	28.5
5.0	071003	D	BG	275.0	275.0	275.0
8.0	071004					

071003

Rotenone

071003

Rotenone

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.10	071003	EC	B	2800	3750		Erythema	Edema Erythema
0.10	071004		B					
0.50	063503							
0.10	071003	PS	B	1800				
0.31	071004							
2.00	080301							
2.00	046801							
6.00	080301							
9.59	011901							
20.00	047501							
0.10	071003	D	B	>1500				
0.16	071004							
10.00	055801							
10.00	077501							
0.10	071003	EC	B	2700				
0.20	071004							
1.59	010002							
5.00	067002							
93.11	063502							

071003

Rotenone

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
					Erythema	Edema	Erythema
1.0	071003	D	B	>1000			Edema
2.1	071004						
5.0	077501						
1.0	071003	EC	B	1410			
0.9	071004						
9.0	079025						
72.1	067002						
0.75	071003	D	B	1240			
1.50	071004		B	>1500			
0.75	071003	D	B	1400			
0.50	055001		B	>1500			
1.00	071004		B	1220			
0.75	071003	D	B	>1000			
1.50	071004						
7.00	024401						

071003

Rotenone

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating			
					Acute	Days	Abraded	Unabraded
1.0	071003	EC	B	3750			Erythema	Edema
0.1	071004						Erythema	Edema
0.5	034001							
1.00	071003	D	B	>1500				
0.15	056801							
1.80	071004							
1.0	071003	D	F	>1400				
2.0	071004		B	1500	7	0	0	0
1.0	071003	D	F		1000			
1.8	071004							
1.0	071003	D	B	>1500				
1.0	071003	D	B	>1000	1460			
1.6	071004							
1.000	071003	D	B	1000				
0.025	069001							
0.250	067501							
1.660	071004							

071003

Rotenone

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.0	071003	D	B	794			Erythema	Edema
1.5	071004						Erythema	Edema
15.0	077501							
1.0	071003	D	B	794				
2.0	071004							
75.0	077501							
1.0	071003	D	B	1440				
1.0	071004		B	>1500				
1.0	071003	D	B	1500				
2.0	071004							
7.0	024401							
1.0	071003	D	B	860				
2.0	071004		B	>1000	1100			
5.0	079014							
9.0	079025							
71.0	067002							
1.0	071003	D	B	3000				
0.5	034001							
1.8	071004							

071003

Rotenone

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Acute	Days	Dermal Rating Abraded	Dermal Rating Unabraded
1.50	071003	D	B	>1000			Erythema	Edema
2.00	055801		M	>998			Erythema	Edema
3.67	071004							
5.00	077501							
1.50	071003	D	B	700		7	0	0
2.40	071004						0	0
1.20	071003	D	B	>1000				
0.50	044901							
0.50	055001							
2.40	071004							
1.19	071003	EC	B	700				
1.80	040501		B	665				
2.00	055801		B	1000				
2.38	071004							
3.60	042101							
5.00	042003							
39.40	067002							
39.40	063503							
1.00	071003	D	B	1200				
1.75	071004		B	>1000				

071003

Rotenone

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
							Unabraded
1.66	071003	D	B	1500			Erythema
0.05	069001						Edema
0.50	067501						Erythema
2.85	071004						Edema
1.67	071003	D	B	>700			
3.33	071004		B	400			
5.00	077501						
1.67	071003	D	B	500			
1.67	071004						
1.66	071003	D	B		650		
3.00	071004						
1.60	071003	D	B	800			
2.60	071004						
1.5	071003	D	B	800			
2.0	071004						
1.5	071003	EC	B	1000			
1.8	071004						
10.0	077501						

071003

Rotenone

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Screen	Acute	Days	Dermal Rating
								Erythema Edema Erythema Edema
2.50	071003	EC	B	139				
3.75	071004							
11.75	042003							
40.00	067002							
42.00	057701							
2.42	071003	D	B	700				
14.18	077501							
1.75	071003	D	B	>698				
3.06	071004							
1.7	071003	D	B	1000				
3.4	071004		B	>1000				
8.0	077501							
1.67	071003	D	M	800				
3.33	071004		B	1000				
1.67	071003	WP	B	794				
3.33	071004							
12.00	077501							
1.67	071003	D	B	700				
2.83	071004		B	1500				
50.00	077501							

071003

Rotenone

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
3.75	071003	EC	B	100			Erythema	Edema
7.50	071004						Erythema	Edema
10.00	067002							
63.75	006601							
3.7	071003	EC	B	320	340			
4.0	071004		B		210			
28.0	067002							
50.0	006501							
2.75	071003	EC	B	280				
5.68	071004							
23.50	067002							
64.07	063503							
2.5	071003	EC	B	270				
2.5	057101							
5.0	071004							
2.5	071003	EC	B	500				
5.0	071004							
5.0	067002							
87.5	063503							

071003

Rotenone

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
6.4 13.5	071003 071004	D	B	100			Erythema	Edema
5.0 10.0	071003 071004	D	B	750	420	7	0	0
5.0 5.0	071003 071004	D	B F	750 230	800			
5.0 9.8	071003 071004	EC	B	99				
5.0 9.8 68.2	071003 071004 006602	EC	B	170				
5.0 10.0 10.0 15.0 55.0	071003 071004 067002 044101 054002	EC	B	150		7	0	0

070701

Capsaicin (in Oleoresin of Capsicum)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.35	070701	PS	B	>5000			Erythema	Edema

069601

Pyrazon

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
75.5	069601	D	B	>1500			Erythema	Edema

069317

1-Alkyl-1, 2, 2-Tris(2-Hydroxyethyl) 1, 3-Propanediamine

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.000	069317	EC	B	>10,200			Erythema	Edema
0.015	066018						Erythema	Edema
0.060	069138							
64.000	064103							

069184

Alkyl * Dimethyl Benzyl Ammonium Chloride * (95% C₁₄, 3% C₁₂, 2% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating				
					Acute	Days	Abraded	Unabraded	
50.0	069184	TAB	B	600	7	Erythema 4	Edema 3	Erythema 4	Edema 3

069183

Poly(Oxyethylene(Dimethylimino)) Ethylene (Dimethylimino) Ethylene Dichloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
20.0	069183	C	RT	-	-	0.125
10.0	069183	L	BG	8.70	2.80	1.21

069183

Poly(Oxyethylene(Dimethylimino) Ethylene (Dimethylimino) Ethylene Dichloride)

069183

Poly(Oxyethylene(Dimethylimino)Ethylene (Dimethylimino)Ethylene Dichloride)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating				
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
60.0	069183	EC	F	1500 1390		7	Erythema 1	Edema 0	Erythema 1	Edema 0
						7	0	0	0	0
30.0	069183	EC	B	4000		7	2	0	2	0
						7	2	0	1	0
20.0	069183	G	B	2000		7	2	0	2	0
15.0	069183	EC				7	1	0	0	0
10.0	069183	EC	B	>5000		7	0	0	0	0

069171

Alkyl * Dimethyl Benzyl Ammonium Saccarinate * (50% C₁₄, 40% C₁₂, 10% C₁₆)

069167

Alkyl * Dimethyl Ethyl Benzyl Ammonium Chloride * (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)

069165

Octyl Decyl Dimethyl Ammonium Chloride

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
25.0	069165	C	BG	1.62	1.49	1.49	
12.5	069166						
12.5	069149						
20.0	047501						

069164

P-Tert-Octylphenoxyethoxyethyl Dimethyl Benzyl Ammonium Chloride

Active Ingredient(s) %	Chemical Code	Formulation			Washed				<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis		
12.7	069164	WP		7	0	0	1	0	0	0	1	0		
6.0	069164	G		7	3	2	3	3	3	2	3	3		

069164

P-Tert-Octylphenoxyethoxyethyl Dimethyl Benzyl Ammonium Chloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating			
		Type	Sex	Screen	Acute		Abraded	Unabraded		
12.7	069164	WP	B	>1000		7	Erythema 4	Edema 3	Erythema 4	Edema 3
6.0	069164	G	B	>2000 >1500		7	4	2	4	2

069159

Benzyl (Dodecylcarbamoylmethyl) Dimethylammonium Chloride

Active Ingredient(s) %	Chemical Code	Formulation			Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
78.7	069159	D	B	7	1	0	2	1	3	1	2	3	

069159

Benzyl (Dodecylcarbamoylmethyl) Dimethylammonium Chloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
78.7	069159	D	B	797			Erythema	Edema
0.1	069159	EC	B	>794			Erythema	Edema

069158

Alkyl * Dimethyl Benzyl Ammonium Chloride * (93% C₁₄, 4% C₁₂, 3% C₁₆)

069158

Alkyl * Dimethyl Benzyl Ammonium Chloride * (93% C₁₄, 4% C₁₂, 3% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
11.4	069158	G	B	2000			Erythema	Edema
1.0	039107			>1500			Erythema	Edema
1.6	040501							

069157

Alkyl * Dimethyl Benzyl Ammonium Chloride * (65% C₁₂, 25% C₁₄, 10% C₁₆)

069157

Alkyl * Dimethyl Benzyl Ammonium Chloride * (65% C₁₂, 25% C₁₄, 10% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
10.00	069157	EC	B	2800			Erythema	Edema
7.00	069157	EC	B	3000			Erythema	Edema
0.95	039107							
7.00	047501							

069156

Cetyl Dimethyl Ethyl Ammonium Bromide

069156

Cetyl Dimethyl Ethyl Ammonium Bromide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
7.0	069156	EC	B	1350			Erythema	Edema	Erythema
7.0	069124								Edema
6.5	069156	EC	B	1250		7	4	2	4
7.4	069124								2
6.5	069156	EC							
6.5	069106								
13.0	047501								

069153

Alkyl * Trimethyl Ammonium Bromide * (95% C₁₄, 5% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation			Washed				<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis		
100.0	069153	WP		7	2	1	2	2	2	1	2	2		

069153

Alky1 * Trimethyl Ammonium Bromide * (95% C₁₄, 5% C₁₆)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
100.0	069153	WP	B	250			Erythema	Edema	Erythema Edema

069152

Alkyl * Amine Hydrochloride * (as in fatty acids of coconut oil)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
21.2	069152		BG	0.145	0.077	0.064	
15.0	083106						

069149

Didecyl Dimethyl Ammonium Chloride

069149

Didecyl Dimethyl Ammonium Chloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
7.5	069149	EC	B	-	7	Erythema	Edema	Erythema
0.2	040501					4	0	4
5.0	069105							
5.2	039107							0

069145

Alkyl * Dimethyl 3, 4-Dichlorobenzyl Ammonium Chloride (90% C₁₄, 5% C₁₆, 5% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
35.0	069145	C	RT	2.55	2.15	2.15
5.0	069194		BG	1.00	0.82	0.82
25.0	069145	C	D	0.37		
12.2	069145		RT	6.70	5.30	4.70

069145

Alkyl * Dimethyl 3, 4-Dichlorobenzyl Ammonium Chloride * (90% C₁₄, 5% C₁₆, 5% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Washed				<u>Ocular</u>				Unwashed				
				Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis
				14	4	2	3	4	4	2	3	4	4	2	3	4
35.0	069145	EC		7	4	2	3	4	4	2	3	4				
5.0	069146			14	4	2	3	4	4	2	3	4				
				7	3	2	3	4	3	2	3	4				
				7	3	1	3	4	3	2	3	4				
10.0	069145	EC		7	4	-	3	3	4	-	3	3				

069145

Alkyl * Dimethyl 3, 4-Dichlorobenzyl Ammonium Chloride * (90% C₁₄, 5% C₁₆, 5% C₁₂)

069141

Alky1 * Dimethyl Benzyl Ammonium Chloride * (58% C₁₄, 28% C₁₆, 14% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
10.0	069141	L	BG BG	5.3 4.6	5.3 3.9	5.3 3.9

069141

Alkyl * Dimethyl Benzyl Ammonium Chloride * (58% C₁₄, 28% C₁₆, 14% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation			Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
45.0	069141	EC	B	7	2	1	1	0	2	1	1	0	
0.5	076404												
5.0	069125												
12.5	069141	EC		7	0	1	0	0	0	1	0	0	
15.0	047501												
7.5	069141	EC		7	2	1	3	4	2	1	3	4	
2.5	073506												
5.0	069141	EC		7	2	1	2	1	1	0	1	1	
5.0	069111			14	1	0	0	0	2	1	0	0	

I-386-A-1

073506

Sodium Carbonate

I-386-B-1

073506

Sodium Carbonate

074002

Sodium Cyanide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	:
			Species	24h	48h	96h	
96.5	074002	DISK	RT	0.180	0.170	0.148	

075003

Sodium Fluoroacetate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
90.0	075003		BG	0	0	0(100)

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075101

Cryolite

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating					
					Acute	Days	Abraded	Unabraded		
50.0	075101	D	B	>1500			Erythema	Edema	Erythema	Edema

075101

Sodium Fluoaluminate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
50.0	075101	D	RT BG	82.0 0	42.5 0	42.5 0(100)

075202

Sodium Fluoride

Active Ingredient(s) %	Chemical Code	Formulation Type	Oral LD ₅₀ (mg/kg)			Dermal Rating		
			Sex	Screen	Acute	Days	Abraded	Unabraded
45.80	075202	EC	B	750			Erythema	Edema
1.98	063001						Erythema	Edema
2.50	037509							
3.50	068302							
41.10	025004							
40.0	075202	WP	B	200				
60.0	069001							
40.00	075202	EC	B	300				
0.04	071502	EC	F	200				
0.18	069001							
40.00	075202	D	B	500				
13.35	071502							
40.00	075202	D	B	160				
0.11	071502							
40.0	075202	D	M	200				
			B	300				

075202

Sodium Fluoride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
9.00	075202						Erythema	Edema
0.08	069001						Erythema	Edema
2.00	058201	D	B	>794				
75.75	011102							
9.00	075202	D	B	>794				
0.12	069001							
2.00	058201							
88.90	011102							

075202

Sodium Fluoride

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
97.5	075202	TC	BG	0	0	0(180)

075603

Sodium Hydroxide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
98.44	075603	WP	B	>1500			Erythema	Edema

075903

Potassium Tetrathionate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
2.00	075903	EC	B	10,400 >7500			Erythema	Edema
0.25	009001						Erythema	Edema

076001

Phosphoric Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Acute	Days	Dermal Rating	
							Abraded	Unabraded
45.00	076001	EC	B	1000		7	Erythema	Edema
10.00	079062						2	4
13.73	098002							2
21.00	076001	EC		-		7	1	0
2.75	079010							1
15.95	076001	EC	B	>2500				
4.85	046909							
12.60	046903							
6.0	076001	EC	B	>1250		7	0	0
1.0	009601							0
3.0	069110							0

076001

Phosphoric Acid

076406

Trisodium Phosphate

076406

Trisodium Phosphate

076409

Monosodium Phosphate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
52.0	076409	WP	B	-			7	Erythema 3
1.5	039107							Edema 0
9.0	046920							Erythema 3
18.0	021801							Edema 0
18.0	077101							
48.0	076409	WP	F	>999			7	0
8.0	021801							0
9.6	046920							0
20.0	077101							0
36.6	076409	WP	B	>1200				
7.3	021801							
18.4	077101							
22.0	046920							

076409

Monosodium Phosphate

076502

Chloramine T

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	076502	D	B M	702		316	Erythema	Edema

076702

Calcium Polysulfide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
30.0	076702	EC	B		600		Erythema	Edema
29.0	076702	EC	M	250			Erythema	Edema

076702

Calcium Polysulfide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
29.0	076702	L	RT BG	- 17.80	- 17.00	3.35 14.00	

077201

P-(N, N-Dichlorosulfamoyl) Benzoic Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
2.97	077201	TAB	B	>1500			Erythema	Edema

077401

2', 5-Dichloro-4'-Nitrosalicylanilide, 2-Aminoethanol Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
70.0	077401	WP	RT BG	0.062 0.165	0.036 0.128	0.022 0.125	

077404

3, 4¹, 5-Tribromosalicylanilide

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (ml/kg)		Dermal Rating		
				Screen	Acute	Days	Abraded	Unabraded
0.20	077404	PS	B	>2.0			Erythema	Edema
0.02	064202						Erythema	Edema
2.47	039107							

I-401-B-1

077404

3, 4', 5-Tribromosalicylanilide

077501

Sulfur

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
95.0	077501	D	B M	>1500 >2000			Erythema	Edema
30.0	077501	D	B	>2000			Erythema	Edema
12.0	077501	D	B	>1500				
1.0	009001							
10.0	067205							
10.0	077501	D	B	>900				
0.1	071004							
0.1	071003							
4.0	055801							
10.0	077501	D	B	>2000				
0.1	071003							
0.2	071004							
4.0	055801							
0.2	077501	EC	F	>7500				
99.8	063502							

077501

Sulfur

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
99.5	077501	D	RT BG	0 0	0 0	0(180) 0(180)
98.0	077501	D	RT BG	0 0	0 0	0(100) 0(180)
76.0 4.8	077501 013502	D	BG	0	0	0(100)
60.0 7.5	077501 056801	D	RT BG	1.08 14.30	0.85 8.10	0.46 6.20
25.0 15.0	077501 022501	D	RT BG	0 0	0 0	10(180) 0(180)

077701

Calcium Propionate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
98.0	077701		BG	0	0	0(180)

077702

Propionic Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	077702	EC	B	>2500			Erythema	Edema
80.0 19.0	077702 044001	EC	B	1000			Erythema	Edema

077702

Propionic Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
99.5	077702		RT BG	86.0 180.0	70.0 150.0	51.0 115.0
4.9 42.1	077702 101502		RT BG	198.0 0	165.0 0	155.0 0(180)

077703

Sodium Propionate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
98.5	077703		BG	0	0	10(180)	

078501

Tetrachloroethylene

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
32.00	078501	PS	M	2940			Erythema	Edema
0.05	069001		B	1660			Erythema	Edema
0.12	071003							
0.28	071004							
2.80	067002							
11.00	042004							
13.75	063503							
20.00	000013							
20.00	000014							

078701

Dimethyl Tetrachloroterephthalate

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
							Unabraded
75.00	078701	WP	B	>2000			Erythema Edema Erythema Edema
5.00	078701	G	B	>1500			
			F	>1500			
4.16	078701	D	B	>1500			
3.28	078701	G	M	>2000			
0.66	044801						
2.50	078701	WP	B	>2000			
2.41	078701	D	B	>1500			
2.28	078701	D	B	>1500			
1.20	058201						
1.25	078701	G	F	>2000			
0.70	058201						

078701

Dimethyl Tetrachloroterephthalate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
75.0	078701	WP	RT	97.0	32.0	30.0
			BG	0	0	0(320)
			D	230.0	138.0	-
5.0	078701	G	RT	0	0	0(180)
2.5	078701	G	BG	0	0	0(100)

079009

Soap

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating						
					Screen	Acute	Days	Abraded	Unabraded		
88.00	079009	SB	B	>1000				Erythema	Edema	Erythema	Edema
0.04	069001										
0.44	067501										
0.50	067002										
0.50	040501										
0.50	050505										
1.00	044901										
87.0	079009	SB	B	>4000							
1.0	063503										
1.0	010002										
4.0	067002										
84.0	079009	SB	B	>1000							
1.0	040501										
3.0	010301										
82.7	079009	SB	B	>1000							
0.3	071003										
0.6	071004										
1.4	067002										
2.0	063502										

079009

Soap

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating			
					Screen	Acute	Days	Abraded
							Erythema	Edema
80.0	079009	SB	B	>1000			Erythema	Edema
0.5	010002							
2.0	063503							
4.0	067002							
37.6	079009	EC	B	2600				
2.0	004301		B	>1250				
34.0	079009	EC		-		7	3	3
0.1	004301							
4.0	044101							
25.0	079009	EC	B	>3000				
50.0	064001							
17.50	079009	EC	B	>5000		7	3	0
0.25	040501							
0.50	039103							
1.22	047501							
3.60	062201							
5.5	079009	EC	B	>3500		7	0	0
1.1	047501							
3.2	062201							

079009

Soap

079010

Sodium Dodecylbenzenesulfonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
5.0 20.0	079010 076001	EC	B	>4000			Erythema	Edema
4.0 0.9 4.0	079010 081405 076406	D	B	>2000			Erythema	Edema
2.00 0.05 0.20	079010 077402 077404	EC	B	10,000		7	0	0
1.200 0.004 1.000	079010 077404 011105	EC	B	>1500				
0.60 0.45	079010 062201	PS	B	>5000				

079010

Sodium Dodecylbenzesulfonate

079011

Sodium Lauryl Sulfate

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating			
					Acute	Days	Abraded	Unabraded
6.77	079011	EC	B	>5000			Erythema	Edema
0.05	069001						Erythema	Edema
0.50	067501							

079018

Lauryl Diethanolamide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
6.7	079018	EC	B	1250			Erythema	Edema
0.2	069001						Erythema	Edema
1.8	063503							
2.0	067501							
6.0	079046							

079027

Diethyl Sodium Sulfosuccinate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
2.00	079027	EC				7	Erythema	Edema
0.40	006311					1	0	0
0.05	069001							
0.05	063501							
0.50	067501							
1.00	051701							
2.00	097001							

079028

Ammonium Lauryl Sulfate

Active Ingredient(s) %	Chemical Code	Formulation Type	Oral LD ₅₀ (mg/kg)	Dermal Rating				
		Sex	Screen	Acute	Days	Abraded	Unabraded	
18.6	079028	EC	B	>7500		Erythema	Edema	Erythema
0.2	063503							Edema
0.5	069001							
0.5	067501							

079028

Ammonium Lauryl Sulfate

079034

Methyl Esters of Fatty Acids (100% C₈-C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
45.0	079034	C	RT BG	21.0 27.5	21.0 27.5	21.0 27.5

079035

Sodium Salt of Petroleum Sulfonic Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)		
			Species	24h	48h	96h	
100.0	079035	TC	BG	1.02	0.90	0.81	
7.0	079035	C	BG	9.80	9.80	9.80	

079069

Tetradecylbenzene Sulfonate-Hypochlorous Acid Complex

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
25.0	079069	WP	B	1500		7	Erythema 4	Edema 1	Erythema 4	Edema 1

079069

Tetradecylbenzene Sulfonate-Hypochlorous Acid Complex

Active Ingredient(s) %	Chemical Code	Formulation			Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
25.0	079069	WP		7	0	0	1	0	0	0	2	0	

079072

Sodium Tridecylbenzene Sulfonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
12.000	079072	G	B	>3000			Erythema	Edema
0.025	077402						Erythema	Edema
0.025	077404							

079101

0, 0, 0, 0-Tetrapropyl Dithiopyrophosphate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
25.67	079101	EC	B	2500			Erythema	Edema
66.30	006601		B	1740			Erythema	Edema

079101

0, 0, 0, 0-Tetrapropyl Dithiopyrophosphate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
93.0	079101	EC	RT BG	0.158 0.320	0.115	0.103
90.0	079101	EC	RT	0.143	0.087	0.076
13.0 81.2	079101 006501	EC	RT D	4.25 0.66	1.75 -	0.98
3.2	079101	D	BG BG	13.5 10.8	5.8 4.2	5.6 4.2

079202

Tetradifon

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
97.0	079202	WP	BG	0	0	0(100)	
25.0	079202	WP	RT BG	72.0 64.0	34.8 23.2	0 18.0	

079301

Chloranil

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
5.0	079301	D	B	>2000			Erythema	Edema
5.0	056801						Erythema	Edema

079401

Endosulfan

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
50.0	079401	WP	B F F		75.0 63.5 44.0		Erythema	Edema
33.7 60.5	079401 006501	EC	B	75			Erythema	Edema
24.0 69.0	079401 086802	EC	B M F	114 71		49		
23.25 11.63 57.80	079401 057501 066501	EC	M	20				
12.45 0.09 0.90 6.25	079401 069001 067501 057501	EC	F		37.5			
12.2 12.2 67.2	079401 057701 006501	EC	M	410				

079401

Endosulfan

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
4.0	079401	D	M	1520			Erythema	Edema
3.0	079401	D	M	1220			Erythema	Edema
6.0	014505							
3.0	079401	D	B	1000				

079401

Endosulfan

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppb)	
			Species	24h	48h	96h
86.0	079401	D	RT	0.75	0.50	0.37
			BG	6.10	4.20	2.40
50.0	079401	D	RT	1.55	0.87	0.62
4.0	079401	D	RT	100.00	50.00	28.00

079501

0, 0, 0, 0-Tetramethyl Dithiopyrophosphate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
5.0	079501	EC	B	160			Erythema	Edema
95.0	063503						Erythema	Edema

079801

Thiram

079801

Thiram

Active Ingredient(s) %	Chemical Code	Formulation			Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
75.0	079801	WP		7	0	0	0	0	2	1	1	1	

079801

Thiram

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
99.0	079801	D	RT	0.138	0.130	0.130
			BG	0.210	0.093	0.045
75.0	079801	D	RT	0.50	0.40	0.40
			BG	0.71	0.31	0.28

080001

Thallium Sulfate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.25	080001	G	B	>1500			Erythema	Edema

080301

N, N-Diethyl-Meta-Toluamide, and other Isomers

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
45.0	080301	PS	B	5000			Erythema	Edema
30.25	080301				12,000			
1.25	046801	EC	B		>10,000			
1.50	028002		B					
15.0	080301	PS	B	>5000				
			B	1480				
30.0	080301				5000			
15.0	011901	PS	B					
8.75	080301				6000			
0.63	047201	EC	B		>3500			
0.63	043302		B					
2.50	057001							
6.00	080301	T0		-		7	1	0
0.36	047201						0	0
0.36	043302							0
1.43	057001							

080301

N, N-Diethyl-Meta-Toluamide, and other Isomers

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
4.2	080301	PS	B	>5000			Erythema	Edema
0.3	047201						Erythema	Edema
0.3	043302						Erythema	Edema
1.2	057001						Erythema	Edema
2.0	080301	PS	B	>5000			Erythema	Edema
0.5	047201						Erythema	Edema
0.5	043302						Erythema	Edema
2.0	057001						Erythema	Edema

080301

N, N-Diethyl-Meta-Toluamide, and other Isomers

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
95.0	080301	TC	RT	125.0	-	75.0

080501

Toxaphene

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
							Unabraded
62.0	080501	EC	F	175			Erythema
32.0	063503						Edema
61.2	080501	EC	F	94			Erythema
34.8	063503						Edema
61.00	080501	EC	B	375			
6.75	086802		B	279			
19.75	063503						
61.0	080501	EC	B	190			
27.0	063503						
61.0	080501	EC	B	225			
25.0	063503		B	180			
			F	108			
60.2	080501	EC	M	241			
36.8	006601						
60.0	080501	EC	B	255			
35.0	063503		M	300			
			M	210			
			F	135			
60.0	080501	EC	F	120			
36.0	063503		F	170			

080501

Toxaphene

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
					Erythema	Edema	Erythema
60.0	080501	EC	M	450			Edema
40.0	063503						
60.0	080501	EC	B	>417			
34.0	063503						
60.0	080501	EC	M	420			
27.5	063503		F	110			
59.6	080501	EC	M	250			
36.4	063501						
59.3	080501	EC	B	245			
36.6	006501		F	80			
59.0	080501	EC	F	108			
37.0	063501						
59.0	080501	EC	B	298			
31.0	063503						
59.0	080501	EC	M	75			
4.8	086802						
31.8	063503						

080501

Toxaphene

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
58.9 38.0	080501 063503	EC	F	540.0		Erythema	Edema	Erythema Edema
58.9 35.0	080501 063503	EC	F	136.0				
58.7 38.3	080501 006601	EC	M	308.0				
58.5	080501	EC	B	374.0				
58.5 37.5	080501 063503	EC	M	210.0				
57.0 39.0	080501 086802	EC	M F	195.0 115.0				
53.2 14.9 26.6	080501 006601 053501	EC	F	49.0				
52.0 8.0 16.0 17.6	080501 057501 086802 053501	EC	F	14.2				
46.00 1.96 5.01 34.94	080501 009001 086802 063502	EC	F	380.0		4	4	4

080501

Toxaphene

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
45.0	080501	EC	B	270			Erythema	Edema
2.0	009001						Erythema	Edema
15.0	086802							
28.0	063503							
45.0	080501	EC	F	80				
5.0	057701							
42.0	063501							
45.0	080501	EC	M	325				
1.5	084001							
45.00	080501	EC	M	300				
1.96	009001							
45.0	080501	EC	B	340				
2.0	009001							
43.0	006601							
45.0	080501	EC	B	399				
2.0	063503		B	276				
45.0	080501	EC	B	501				
2.0	009001							
38.0	063503							

080501

Toxaphene

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)	Dermal Rating						
					Screen	Acute	Days	Abraded	Unabraded		
45.00 0.45	080501 009001	EC	B	300				Erythema	Edema	Erythema	Edema
44.8 2.2	080501 009001	EC	M	193							
44.78 4.63 45.75	080501 010501 006601	EC	M	200							
43.0 4.3 42.7	080501 057701 063503	EC	M M F	349 298 210							
42.8 2.0 45.6	080501 009001 086803	EC	B	500							
42.63 1.80 45.71	080501 057701 063503	EC	M F	245 182							

080501

Toxaphene

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
42.63	080501	EC	B	250			Erythema	Edema
1.80	009001						Erythema	Edema
42.0	080501	EC	B	300				
1.9	009001		M	>299				
49.7	086803							
42.0	080501	EC	B	188				
2.0	009001							
39.4	080501	EC	F	100				
19.7	029201							
37.4	063503							
35.0	080501	EC	B	235				
1.5	084001		B	265				
45.0	054002		F	>270				
20.0	080501	D	M	>800				
			F	>860				
20.0	080501	EC	M	>1250				
25.0	011901							
20.0	080501	D	M	>1500				
40.0	077501							

080501

Toxaphene

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
							Unabraded
20.00	080501	EC	B	900			Erythema
3.60	010501						Edema
68.64	063503						Erythema
5.0	080501	EC	B	>2400			
95.0	063501		B	>2000			
5.0	080501	EC	B	2600			
0.5	067002						
94.5	063502						
5.0	080501	EC	B	>600			
2.0	067002						
93.0	063502						
5.0	080501	D	B	>1300			
1.0	009001		F	>1000			
5.0	029201						
5.0	080501	EC	B	>2000			
5.0	034001						
5.0	080501	EC	D	>1500			
1.0	009001						

080501

Toxaphene

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)		
			Species	24h	48h	96h	
100.0	080501	L	BG BG	22.5 19.0	12.5 7.9	7.8 5.0	

I-429-C-1

080801

Ametryn

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
80.0	080801	WP	RT	17.0	11.8	8.8

080803

Atrazine

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
80.0	080803	WP	B B	2100 >1500			Erythema	Edema
40.0	080803	WP	B	2440			Erythema	Edema
40.0	080805							

I-430-C-1

080803

Atrazine

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
50.0	080803	WP	BG	0	0	0(100)
27.7	029906					
40.0	080803	WP	RT	12.2	10.8	9.5
40.0	080805		BG	30.0	19.5	-

080804

Prometon

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
3.5 1.5	080804 030063	EC	B	>2500			Erythema	Edema
2.00 1.15	080804 063001	EC	B	2500			Erythema	Edema

080804

Prometon

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
25.0	080804		BG	34.0	32.8	32.8
			CA	37.0	34.0	34.0
19.85 4.33	080804 086501		RT	7.0	5.8	4.9
			BG	10.0	8.4	8.4
3.6 1.0 88.6	080804 030001 006501		RT	4.45	4.20	4.20
			BG	8.60	7.90	7.70
1.6 90.6	080804 006501		BG	36.5	34.0	15.5

080805

Prometryn

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
80.0	080805	WP	RT BG	10.9 20.0	8.2 17.8	-	
4.0	080805	EC	RT	40.0	34.0	16.0	

080807

Simazine

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
80.0	080807	WP	B	2000			Erythema	Edema
3.0	080807	EC	B	>1500			Erythema	Edema
1.0	004401							
0.6	080807	EC	B	>2500				

080811

2, 4-Dichloro-6-(p-Chloroaniline)-S-Triazine

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
50.0	080811	WP	B M	>1500 >1500			Erythema	Edema

080811

2, 4-Dichloro-6-(0-Chloroanilino)-S-Triazine

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
98.3	080811		BG	0.202	0.192	0.192	
50.0	080811	D	RT	0.212	0.198	-	
			BG	0.560	0.530	-	
5.0	080811	D	BG	13.000	10.800		

080813

Terbutryn

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
80.0	080813	WP	RT BG	3.95 6.45	3.50 5.70	- 4.80

080901

Tributyl (2, 4-Dichlorobenzyl) Phosphonium Chloride

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.0	080901	D	B	>1500			Erythema	Edema

081001

Sodium Trichloroacetate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
91.0	081001	EC		-		7	Erythema 0	Edema 0

081001

Sodium Trichloroacetate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
91.0	081001	D	RT	0	0	10(180)

081301

Captan

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
80.0	081301	WP	B	>1500			Erythema	Edema
50.0	081301	WP	B	>2000			Erythema	Edema
45.0	081301	D	B	>2000				
37.5	081301	D	M	1600				
25.0	057801							
33.5	081301	D	F	980				
11.0	057801							
16.6	009001							
32.25	081301	WP	B	>2000				
15.0	081301	D	B	>2000				
7.5	057701							
15.0	034001							
13.0	081301	EC	B	>7500				
12.0	081301	EC	B	>1250				
0.3	056801							
6.0	057701							
12.0	034001							
36.5	006501							

081301

Captan

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating		
					Acute	Days	Abraded
					Erythema	Edema	Erythema
							Edema
10.0	081301	D	B	1500			
5.0	057701						
5.0	034001						
8.0	081301	D	B	>1500			
4.0	057701						
8.0	034001						
7.00	081301	D	B	>1000			
0.75	036001						
4.00	057701						
5.00	029201						
5.00	081301	D	B	1500			
0.75	036001						
4.00	057701						
5.00	034001						
5.00	081301	D	B	>1500			
0.75	071004						
0.75	071003						
5.00	034001						
5.3	081301	WP	B	>1450			
2.0	081301	EC	B	>7500			
1.0	077501						
2.0	055001						
2.0	076602						

081301

Captan

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
75.0	081301	D	RT	0.191	0.172	0.155
3.0	034001		BG	0.475	0.402	0.402
40.0	081301	WP	BG	0.780	0.730	0.670
30.0	014501					
40.0	081301	G	RT	0.180	0.163	0.163
10.0	061001		BG	0.600	0.600	0.560

I-439-A-1

081401

Dichloro-S-Triazinetrione

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
100.0	081401	G	B	1000		7	Erythema	Edema	Erythema
			B	640		4	4	4	4
			F	400		7	2	4	2
95.0	081401	EC	B	>750					
34.0	081401	G	F	>1500		7	4	4	4
23.5	081401	G				7	4	4	0
23.00 0.25 0.25	081401 069111 069104	EC		-		7	4	4	4
20.84	081401	D	B	>1500		7	4	2	4
7.0	081401	G	B			7	3	3	3

081401

Dichloro-S-Triazinetrione

Active Ingredient(s) %	Chemical Code	Formulation			Washed				<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis		
100.0	081401	G		7	4	2	3	4	4	2	3	4		
34.0	081401	G		7	0	0	1	0	4	2	3	4		
23.5	081401	G		7	0	0	1	0	3	1	3	2		
23.00 0.25 0.25	081401 069111 069104	EC		7	4	2	3	4	4	2	3	4		
20.84	081401	D		7	0	0	0	0	2	1	3	3		
7.0	081401	G		7	2	1	3	3	2	1	3	3		

081401

Dichloro-S-Triazinetrione

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
100.0	081401		RT	0.56	0.50	0.47
71.5	081401		RT	0.85	0.66	0.66
12.0	080807	WP	RT	0.73	0.66	0.62
			BG	2.18	2.18	2.18
			BG	2.13	1.93	1.77

081403

Potassium Dichloro-S-Triazinetrione

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
60.0	081403	EC	B	>500		7	Erythema 4	Edema 4
1.0	069141							
31.0	073506							
27.5	081403	G	B	>1800		7	4	4
3.0	072604							
15.0	081403	G	B	>1000				

081403

Potassium Dichloro-S-Triazinetrione

081403

Potassium Dichloro-S-Triazinetrione

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
50.0	081403		RT D	0.88 0.77	0.82 0.66	0.75

081404

Sodium Dichloro-S-Triazinetrione

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
42.0	081404	WP	B	1500		7	Erythema 2	Edema 2	Erythema 0
7.0	081404	WP	B	>1500		7	4	4	4

081404

Sodium Dichloro-S-Triazinetrione

Active Ingredient(s) %	Chemical Code	Formulation				Washed				<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	Iris	Red	Chemosis
42.0	081404	WP	B	7	3	1	3	4	3	1	3	4			
7.0	081404	WP		7	0	0	1	0	1	1	2	2			

081404

Sodium Dichloro-S-Triazinetrione

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC50(ppm)
			Species	24h	48h	
100.0	081404	G	RT	0.51	0.46	0.38
			RT	0.50	0.40	0.36
			BG	1.35	1.35	1.22
57.0	081404	G	BG	2.80	2.50	2.40
43.0	073506					

081405

Trichloro-S-Triazinetrione

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
				Screen	Acute		Abraded	Unabraded
100.0	081405	TAB	B F	1600 >800		7	Erythema 4 7 2	Edema 4 1 2 1
99.0	081405	TAB	B	350		7	4 0	4 0
20.0	081405	G	B	800		7	4 0	4 0
0.50 0.70 3.65	081405 013901 079010	WP	B	>1580		7	4 0	4 0

081405

Trichloro-S-Triazinetrione

I-442-C-1

081405

Trichloro-S-Triazinetrione

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
100.0	081405	G	RT	0.53	0.42	0.37	
			RT	0.35	0.33	0.33	
			BG	0.62	0.62	0.62	

081501

Chloropicrin

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
99.0	081501	F	RT BG	0.026 0.130	0.023 0.113	0.023 0.105	

081601

N-((Trichloromethyl)phthalimide

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating					
					Acute	Days	Abraded	Unabraded		
75.0	081601	D	B	>1500			Erythema	Edema	Erythema	Edema

081601

N-(Trichloromethyl)Thio) Phthalimide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
75.0	081601	WP	RT	0.170	0.146	0.146
50.0	081601	WP	RT	0.21	0.20	0.19
			BG	0.73	0.68	0.68

081701

Captafol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating		
		Type	Sex	Screen	Acute		Abraded	Unabraded	
39.0	081701	EC	B	2000	7	Erythema 0	Edema 0	Erythema 0	Edema 0

081701

Captafol

081701

Captafol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)		
			Species	24h	48h	96h	
97.0	081701	D	RT BG	31.5 65.0	27.5 53.0	27.0 45.0	

I-446-A-1

081901

Chlorothalonil

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg)			Dermal Rating	
				Screen	Acute	Days	Abraded	Unabraded
75.0	081901	D	B	>2000			Erythema	Edema
			M	>1600			Erythema	Edema

081901

Chlorothalonil

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
98.0	081901	D	BG	0.072	0.054	0.051
75.0	081901	WP	RT	0.245	0.152	-
			RT	0.192	0.108	0.103
			BG	0.223	0.180	0.167

I-447-C-1

082001

2, 4, 5-Trichlorophenoxyacetic Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
98.0	082001		RT	0	0	10(180)

I-448-A-1

082011

2, 4, 5-Trichlorophenoxyacetic Acid, Alkyl * Amine Salt of * (100% C₁₂)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
47.1	082011	EC	B	1200			Erythema	Edema
11.8	082013						Erythema	Edema

082029

2, 4, 5-Trichlorophenoxyacetic Acid, N-Oleyl-1, 3-Propylenediamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)		
			Species	24h	48h	96h		
56.0	082029	C	BG	2.23	1.80	1.57		

I-450-A-1

082034

2, 4, 5-Trichlorophenoxyacetic Acid, Triethylamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
56.9	082034	EC	B	853			Erythema	Edema

082034

2, 4, 5-Trichlorophenoxyacetic Acid, Triethylamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
56.1	082034	C	RT BG	84.0 0	65.0 0	61.0 0(180)	

082055

2, 4, 5-Trichlorophenoxyacetic Acid, Butoxypropyl Ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
68.6	082055		RT	7.60	5.20	5.10
			BG	2.80	1.90	1.90
62.7	082055		RT	1.73	1.25	1.25

082063

2, 4, 5-Trichlorophenoxyacetic Acid, Isopropyl Ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
96.1	082063		BG	56.0	33.0	>28.0
88.0	082063		RT	35.5	31.8	29.4
			BG	54.0	52.0	45.0
74.0	082063		RT	16.8	16.8	16.8
66.0	082063	EC	BG	44.0	42.0	33.0
35.0	082063	EC	BG	53.0	41.0	41.0

082501

Silvex

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
99.0	082501		BG	0	0(180)	-	
98.0	082501	D	RT BG	107.0 152.0	107.0 143.0	70.0 103.0	
65.2	082501		RT BG	92.0 70.0	87.0 42.0	66.0 40.0	

082503

2-(2, 4, 5-Trichlorophenoxy) Propionic Acid=Silvex, Potassium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
5.6	082503	G	BG	0	0	0(100)
5.1	038904					

082533

2-(2, 4, 5-Trichlorophenoxy) Propionic Acid=Silvex, Triethanolamine Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
10.4	082533	C	RT	0	0(320)	-

082563

2-(2, 4, 5-Trichlorophenoxy) Propionic Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
								Erythema Edema Erythema Edema
83.5	082563	EC	B	960				
65.3	082563	EC	B	1500				
65.0	082563	EC	B		880			
33.1 34.7	082563 030063	EC	B	1250				
18.8	082563	EC	B	3000				
15.1	082563	EC	F	3000				
13.3	082563	EC	B	4800				

082563

2-(2, 4, 5-Trichlorophenoxy) Propionic Acid=Silvex, Isooctyl (2-Ethylhexyl)Ester of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
65.2	082563	C	RT	29.0	29.0	22.0
			BG	49.5	49.5	44.5
			BG	47.5	47.5	36.0

082602

2, 3, 6-Trichlorophenyl Acetic Acid, Sodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
17.1	082602	EC	B		3550		Erythema	Edema

083001

Bis(Tributyltin) Oxide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
25.0	083001	EC	B	400			Erythema	Edema	Erythema Edema
9.5 89.0	083001 047501	EC	B	460					
0.01	083001	EC	B B	>10,000 >7500		7	1	0	1 0

I-459-B-1

083001

Bis(Tributyltin) Oxide

083001

Bis(Tributyltin) Oxide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)	
			Species	24h	48h	96h
100.0	083001	EC	RT	10.0	7.5	5.6
			RT	10.0	7.6	5.9
			BG	14.4	6.8	6.0
			BG	24.8	15.8	13.2
25.0	083001		RT	69.0	47.5	32.0
			D	56.0	-	-

083104

Bis(Tributyltin) Sulfosalicylate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
50.0	083104	EC	RT BG	44.0 102.0	32.0 62.0	23.5 47.5

083106

Tributyltin Benzoate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
63.8	083106		RT	0.150	0.087	0.072
21.0	069152		BG	0.145	0.077	0.064

083111

Tributyltin Neodecanoate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
5.0	083111	EC	B	1350	675	7	Erythema	Edema
12.0	069104		B	4			4	

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083111

Tributyltin Neodecanoate

083111

Tributyltin Neodecanoate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppb)		
				24h	48h	96h
98.0	083111	EC	RT	22.0	14.8	10.5
			BG	41.0	25.0	21.0
			D	90.0	5.5	

083112

Tributyltin Fluoride

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)		
			Species	24h	48h	96h	
95.0	083112		BG	26.5	15.3	10.8	

083115

Tributyltin Isopropyl Succinate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.024	083115	EC	B	>2500	7	Erythema	Edema	Erythema Edema
0.002	078901					0	0	
0.012	083109							
0.036	083106							
0.486	069104							
39.025	047501							

083115

Tributyltin Isopropyl Succinate

083201

Bis(Tripropyltin) Oxide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
?	083201		BG	0.155	0.100	0.072

083301

Hexahydro-1, 3, 5-Tris (2-Hydroxyethyl)-S-Triazine

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
7.85	083301	L	BG	0	0	0(180)	

083601

Triphenyltin Hydroxide

Active Ingredient(s) %	Chemical	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
	Code	Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
47.5	083601	WP	B	700		7	Erythema	Edema	Erythema	Edema
			B	246		14	4	4	4	4
						21	4	0	4	0

083601

Triphenyltin Hydroxide

Active Ingredient(s) %	Chemical Code	Formulation			Washed				<u>Ocular</u>				Unwashed			
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis
47.5	083601	WP		7	4	2	3	4	4	2	3	4				

083701

2-Chloro-1-(2, 4, 5-Trichlorophenyl)vinyl Dimethyl Phosphate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	083701	WP	B M	>1500 >1500			Erythema	Edema
24.3	083701	EC	B B	3800 3000			Erythema	Edema
23.0 5.7 48.3	083701 084001 063503	EC	F	520				
21.4 5.7 45.8	083701 084001 063503	EC EC	F M	500 750	7	3	3	3
3.0	083701	D	B	>1500				

083701

2-Chloro-1-(2, 4, 5-Trichlorophenyl) Vinyl Dimethyl Phosphate

083902

2-(Hydroxymethyl)-2-Nitro-1, 3-Propanediol

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	083902	WP	B	1500			Erythema	Edema
99.0	083902	WP	B	>1500			Erythema	Edema
50.0	083902	EC	B	>2500		7	3	0
			B	>2000				0

083902

2-(Hydroxymethyl)-2-Nitro1-1, 3-Propanediol

Active Ingredient(s) %	Chemical Code	Formulation			Days	Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Cor		Iris	Red	Chemosis	Cor	Iris	Red	Chemosis		
50.0	083902	EC			7	0	0	1	1	3	0	2	2	

084001

2, 2-Dichlorovinyl Dimethyl Phosphate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
90.09 9.91	084001 006501	EC	F	31			Erythema	Edema
43.5	084001	EC	M	150			Erythema	Edema
24.9 75.1	084001 063503	EC	B	320				
24.6 67.4	084001 086802	EC	F F	114 160				
23.70 60.13	084001 063503	EC	F B	300 159				
23.4 65.6	084001 063503	EC	M	236				
20.0 70.0	084001 063503	EC	F	230				

084001

2, 2-Dichlorovinyl Dimethyl Phosphate

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating			
					Acute	Days	Abraded	Unabraded
18.5 70.5	084001 063503	EC	F	340			Erythema	Edema
15.0 80.0	084001 086802	EC	M	376			Erythema	Edema
13.25 86.74	084001 086802	EC	B	600				
10.0 90.0	084001 063503	EC	F	396 370				
9.6	084001	DC		-	7	0	0	0
7.0 1.0 2.0 5.0	084001 047802 086802 063503	PS	M M F	481 340 170				
1.00 0.25 49.00 49.75	084001 058801 063502 063503	EC	B B	3000 6200				

084001

2, 2-Dichlorovinyl Dimethyl Phosphate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.08	084001	G	B	>2000		Erythema	Edema	Erythema Edema
1.07	084001	EC	F	33.6				
15.00	037801							
68.97	006601							
1.000	084001	EC	B	7500				
0.002	069001		F	3500				
0.017	067501							
98.980	063503							
1.0	084001	EC	B	>8000				
99.0	063503		M	12,000				
			F	7300				
1.00	084001	G	B	>1000				
0.25	058301		B	>3000				
1.0	084001	EC	B	8000				
30.0	063502		M	9000				
69.0	063503							

084001

2, 2-Dichlorovinyl Dimethyl Phosphate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.0	084001	EC	B	>5500			Erythema	Edema
2.0	067002						Erythema	Edema
97.0	063503							
1.00	084001	EC	B	>4000				
0.21	058801							
30.00	063502							
68.75	063503							
1.00	084001	EC	F	5000				
0.53	010002							
49.23	063502							
49.24	063503							
1.000	084001	EC	F	>5500				
0.001	069001							
0.017	067501							
98.980	063503							
1.00	084001	EC	M	5600				
0.25	058301							
49.00	063502							
49.75	063503							

084001

2, 2-Dichlorovinyl Dimethyl Phosphate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
1.0	084001	EC	B	>794			Erythema	Edema
0.5	084001	B	B	>1500				
			B	>2000				
			B	>4000				
0.5	084001	G	B	>2000				
0.5	057901							
0.5	084001	G	B	>2000				
1.0	057701							
0.50	084001	PS	B	>5000				
1.50	058301							
60.13	063503							
0.50	084001	PS	B	2200				
0.30	069001							
0.75	067501							
13.45	063503							
0.50	084001	PS	B	>5000				
14.50	063503							

084001

2, 2-Dichlorovinyl Dimethyl Phosphate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
98.10	084001	TC	RT BG	0.300 3.450	0.146	0.100 -
0.50	084001	G	BG	2.80	1.20	0.83
0.04	084001	G	BG	-	180.0	-

084101

2-Chloro-1-(2, 4-Dichlorophenyl)vinyl Diethyl Phosphate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
92.0	084101	EC	B	6.34			Erythema	Edema
24.5	084101	EC	B		16.0	7	4	4
58.0	063503						4	4
24.5	084101	EC	B	35.0				
58.2	006501		B	25.0				
24.5	084101	EC	B	24.9				
21.1	084101	EC	B	30.0				
21.1	084101	EC	B	25.0				
62.0	006601							

084201

Dimethyl 3-Hydroxyglutaconate Dimethyl Phosphate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.5	084201	B	B	>2000			Erythema	Edema

084901

0-(2-Chloro-1-(2, 5-Dichlorophenyl) vinyl) 0, 0-Diethyl Phosphorothioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
26.1	084901	EC	B	75		Erythema	Edema	Erythema	Edema
63.5	063503								

084901

0-(2-Chloro-1-(2, 5-Dichlorophenyl) vinyl) O, O-Diethyl Phosphorothioate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
26.1 63.5	084901	EC	RT	2.70	1.95	1.68	
	063503		BG	7.70	1.50	-	
			BG	6.30	1.70	-	
			BG	3.30	1.10	0.37	

086002

Warfarin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
0.50	086002	D		>500			Erythema	Edema

086003

3-(alpha-Acetonylbenzyl)-4-Hydroxy-Coumarin=Warfarin, Sodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
0.54	086003	C	RT	0(1000)	-	-

086801

4-Chloro-3, 5-Xylenol

086801

4-Chloro-3, 5-Xylenol

Active Ingredient(s) %	Chemical Code	Formulation			Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
4.8	086801	EC		7	0	0	2	1	0	0	2	1	

086802

Xylene

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
73.0	086802	EC	B	1600			Erythema	Edema
10.0	063503						Erythema	Edema
10.0	009001							

086802

Xylene

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)		
			Species	24h	48h	96h	
49.0	086802	EC	BG	27.0	14.3	10.5	
22.0	079401						
22.0	053501						
48.7	086802	EC	BG	14.5	14.2	13.3	
45.3	053501						

088002

Zinc 2-Pyridinethiol 1-Oxide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppb)	
			Species	24h	48h	96h
10.0	088002		BG	93.0	88.0	88.0
3.5	077407					
18.0	077404					
18.0	077402					

088004

Sodium 2-Pyridinethiol 1-Oxide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
4.0	088004	EC	RT BG	21.00 91.00	11.80 66.00	0.28 66.00

088301

Zinc Naphthenate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)	Dermal Rating			
		Type	Sex		Screen	Acute	Days	Abraded
25.0	088301	EC	B	>3500				Erythema
2.0	067207							Edema
55.0	063503							Erythema
								Edema
25.0	088301	EC	B	4900				
1.0	063001							
5.0	086802							
69.0	063506							
25.0	088301	EC	B	>5000				

088301

Zinc Naphthenate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
13.0	088301		BG	108.0	92.0	92.0

089001

Zinc Sulfate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
100.00	089001	C	RT BG	7.50 32.50	4.00 29.20	2.25 26.50	

090201

Carboxin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
75.0	090201	WP	B	3000		7	Erythema 0	Edema 0	Erythema 0	Edema 0

090201

Carboxin

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
75.0	090201	WP	BG	8.7	7.0	4.9

090301

Methomyl

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
90.0	090301	D	B	23.2			Erythema	Edema
			B	19.0			Erythema	Edema

090301

Methomyl

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
90.0	090301	WP	RT	3.10	2.70	2.38
			RT	2.95	2.95	2.60
			BG	2.35	2.15	2.15
24.0	090301	L	BG	12.00	9.10	7.70

090401

4-Benzothienyl Methylcarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Sex	Oral LD ₅₀ (mg/kg) Screen	Dermal Rating					
					Acute	Days	Abraded	Unabraded		
50.0	090401	WP	B	5000			Erythema	Edema	Erythema	Edema

090401

4-Benzothienyl Methylcarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
50.0	090401	WP	RT	2.23	1.26		
			RT	1.40	1.26		
			BG	6.50	6.10	4.90	

090601

Carbofuran

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
10.0	090601	G	B	130			Erythema	Edema
			B	>125			Erythema	Edema
9.8	090601	G	M		160			
3.0	090601	G	B	760				

090601

Carbofuran

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
75.0	090601	WP	RT	0.83	0.61	
			BG	0.67	0.67	0.64
			BG	0.71	0.71	0.65
43.8	090601	F	BG	1.04	0.96	0.96
10.0	090601	G	BG	3.40	3.40	3.10

090701

Chlorbromuron

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
87.0	090701	D	M	>1500			Erythema	Edema

090701

Chlorbromuron

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)	
			Species	24h	48h	96h
87.0	090701	D	RT	4.2	3.4	2.3
50.0	090701	WP	RT	15.3	12.5	
			RT	12.8	8.4	4.9
			BG	26.0	20.5	16.5
			BG	12.0	14.9	10.9

097401

Karbutilate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
80.0	097401	WP	B	>1500			Erythema	Edema

097401

Karbutilate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)	
			Species	24h	48h	96h
4.0	097401	G	RT FHM	>240 0(180)	132 0(180)	79 20(180)

097601

Propargite

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50(ppm)		
			Species	24h	48h	96h	
30.0	097601	WP	RT	2.05	0.90	0.45	
			BG	2.00	<1.35	-	
			CA	7.40	5.90	<3.70	

097701

Phosalone

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
34.8	097701	EC	M F	488 >480			Erythema	Edema
25.0	097701	WP	B M	480 600			Erythema	Edema

097701

Phosalone

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
34.8	097701	EC	RT	2.20	1.27	0.92	

097801

(5-Benzyl-3-Furyl) Methyl 2, 2-Dimethyl-3-(2-Methylpropenyl) Cyclopropanecarboxylate

097801

(5-Benzyl-3-Furyl) Methyl 2, 2-Dimethyl-3-(2-Methylpropenyl) Cyclopropanecarboxylate

098701

(5-Benzyl-3-Furyl) Methyl 2, 2-Dimethyl-3-(2-Methylpropenyl) Cyclopropanecarboxylate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
15.9	098701	EC	B	4250	4000		Erythema	Edema

098701

(5-Benzyl-3-Furyl) Methyl 2, 2-Dimethyl-3-(2-Methylpropenyl) Cyclopropanecarboxylate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
15.9	098701	EC	BG	12.5	12.5	-

098801

Methyl 2-Chloro-9-Hydroxyfluorene-9-Carboxylate 65-70%, Methyl 9-Hydroxyfluorene-9-Carboxylate 11-13%,
Methyl 2, 7-Dichloro-9-Hydroxyfluorene-9-Carboxylate 12-19%

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
12.5	098801	C	RT	10.2	8.7	

099101

Benomyl

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Days	Dermal Rating	
		Type	Sex	Screen	Acute		Abraded	Unabraded
50.0	099101	WP	B F	>3000 >1500		7	Erythema 2 0	Edema 0 0
30.0	099101					7		
30.0	079801		F	1500				
20.0	099101							
20.0	079801	WP	F	>1500				

I-494-B-1

099101

Benomy 1

099101

Benzomy1

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
50.0	099101	WP	RT	3.60	1.02	0.46	
			RT	0.88	0.66	0.46	
			BG	4.30	2.70	2.40	

099801

Ethephon

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
21.5	099801		RT BG D	0 0 0(180)	0 0 0(180)	0(180) 0(180)

099901

2-N-Octyl-4-Isothiazolin-3-One

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
8.4	099901	EC	B	2000			Erythema	Edema

010002

Beta-Butoxy Beta'-Thiocyanato Diethyl Ether

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
3.57 96.43	010002 063503	EC	B	>4500			Erythema	Edema
3.1 96.9	010002 063503	EC	B	>3500			Erythema	Edema
1.75 1.25 2.00	010002 029502 067002	PS	B	>5000				

010002

Beta-Butoxy Beta'-Thiocyanato Diethyl Ether

100101

2-((4-Chloro-6-(Ethylamino)-S-Triazin-2-Yl)Amino)-2-Methylpropionitrile

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
80.0	100101	WP	B	280			Erythema	Edema

100301

Methidathion

100401

2-Chloro-4-(Cyclopropylamino)-6-(Isopropylamino)-S-Triazine

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
12.8	100401	EC	BG	0	0(100)	

100501

4-(Methylthio)-3, 5-Xylyl Methylcarbamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
99.0	100501	D	B	163.0 94.8			Erythema	Edema
75.0	100501	WP	M	174.0			Erythema	Edema

100501

4-(Methylthio)-3, 5-Xylyl Methylcarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
75.0	100501	WP	RT	4.6	3.6	2.9

100601

Ethyl 4-(Methylthio)-M-Tolyl Isopropylphosphoramidate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
35.0	100601	EC	M	12.0			Erythema	Edema

100701

2-Chloro-4-(Cyclopropylamino)-6-(Isopropylamino)-S-Triazine

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
			BG	24h	48h	96h
12.8	100401	EC	BG	0	0	

100801

4-(2-Nitrobutyl) Morpholine 70%

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
70.0	100801	EC	B	400			Erythema	Edema
20.0	100802						Erythema	Edema

100801

4-(2-Nitrobutyl) Morpholine 70%

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50(ppm)		
				24h	48h	96h
15.0	100801	EC	RT	0.81	0.62	0.62
1.5	051701		BG	0.99	0.93	0.93
5.0	035602					

101101

4-Amino-6-Tert-Butyl-3-(Methylthio)-As-Triazin-5(4H)-One

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
90.0	101101	WP	B	1000			Erythema	Edema
50.0	101101	WP	B F	>1500 1220			Erythema	Edema

101101

4-Amino-6-Tert-Butyl-3-(Methylthio)-As-Triazin-5(4H)-One

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
70.0	101101	WP	RT BG	90(180) 0	0	0(100)

101201

O, S-Dimethyl Phosphoramidothioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
40.0	101201	EC	M	39			Erythema	Edema

101201

O, S-Dimethyl Phosphoramidothioate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
75.3	101201	L	RT BG	-	93.00	1.28 45.00

101502

Isobutyric Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
42.1	101502		RT	198.0	165.0	155.0
4.9	077702		BG	0	0	0(180)

101601

Cyhexatin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	101601	WP	M	306			Erythema	Edema

101701

3, 5-Dichloro-N-(1, 1-Dimethyl-2-Propynyl) Benzamide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	101701	D	B	>1500			Erythema	Edema

101701

3, 5-Dichloro-N-(1, 1-Dimethyl-2-Propynyl) Benzamide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)	
			Species	24h	48h	96h	
50.0	101701	WP	RT BG	0 0	0(180) 0	0(180)	

102001

Thiophanate-Methyl

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
70.0	102001	WP	B	>1500			Erythema	Edema
50.0	102001	WP	M	>2000			Erythema	Edema
25.0	102001	WP	B	>1500				
15.0	084701							

102001

Thiophanate-Methyl

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
50.0	102001		BG	107.0	94.0	77.0

102101

Phenyl N, N'-Dimethylphosphorodiamide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50(ppm)		
				24h	48h	96h
2.7	102101	C	RT	-	0(180)	

102301

 $N^3, N^3\text{-Diethyl-2, 4-Dinitro-6-Trifluoro-Methyl-M-Phenylenediamine}$

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
25.0	102301	L	BG	7.3	6.2	5.7	

102501

Dialifor

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
45.4	102501	EC	M F	10.6 7.5			Erythema	Edema

103301

Acephate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
85.0	103301	WP	B F	804 >1500			Erythema	Edema
75.0	103301	WP	M	>1000			Erythema	Edema

103301

Acephate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
75.0	103301	WP	BG	0	0	0(180)
			D	0	34.5	-
			D	0	31.5	

103401

Diethyl 4, 4'-O-Phenylenebis (3-Thioaliophanate)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	103401	WP	M	>2000			Erythema	Edema

103601

M-(Phosphonomethyl) Glycine

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
41.0	103601	EC	B F B	4300 3600 2000		7	Erythema 1	Edema 1	Erythema 1	Edema 1
0.7	103601	EC	B	>10,000		7	0	0	0	0

103701

Ethiolate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
48.6	103701	EC	M	810			Erythema	Edema
9.1	100401						Erythema	Edema

104201

Oryzalin

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
75.0	104201	WP	B	>1500			Erythema	Edema

104201

Oryzalin

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50 (ppm)		
				24h	48h	96h
95.0	104201	D	RT	4.75	4.20	3.45

104301

Bifenox

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
21.0	104301	EC	B	880			Erythema	Edema

104601

Hexakis (2-Methyl-2-Phenylpropyl) Distannoxane

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
50.0	104601	WP	B	>1500		7	Erythema 4	Edema 4	Erythema 4	Edema 4

104901

Ethyl Alpha-((Dimethoxyphosphinothioyl)Thio) Benzeneacetate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
90.0	104901	EC	B	200			Erythema	Edema

105001

Terbufos

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
15.0	105001	G	M	6.0			Erythema	Edema

105001

Terbufos

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppb)		
				24h	48h	96h
15.0	105001	G	RT	115.0	76.0	68.0
			BG	39.5	21.0	13.3
			D	7.1	13.0	-

105201

2, 2-Dimethyl-1, 3-Benzodioxol-4-OL Methylcarbamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
76.0	105201	WP	F B	130 68			Erythema	Edema

105201

2, 2-Dimethyl-1, 3-Benzodioxol-4-OL Methylcarbamate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
76.0	105201	D	BG	1.45	1.45	1.45

105401

Methoprene

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
10.0	105401	D	B	1500			Erythema	Edema

105401

Methoprene

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
65.5	105401	EC	RT	305.0	35.0	14.0
10.0	105401	C	BG	0(280)	-	20(280)

105501

1-(5-Tert-Butyl-1, 3-, 4-Thiadiazol-2-YL)-1, 3-Dimethylurea

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
80.0	105501	D	RT	10(180)	-	-

105901

0, 0-Dimethyl 0-(4-Nitro-M-Tolyl) Phosphorothioate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
95.0	105901	EC	B	528			Erythema	Edema

105901

0, 0-Dimethyl 0-(4-Nitro-M-Tolyl) Phosphorothioate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
78.0	105901	EC	BG	5.20	4.85	3.75
10.6	086802					

106001

Methazole

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
95.0	106001	EC	M	1960			Erythema	Edema
78.9	106001	WP	M	>1500			Erythema	Edema

106001

Methazole

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
80.5	106001	WP	RT BG	97.0 15.2	51.0 13.5	37.5 7.2	

106101

2-(Dimethylamino)-5, 6-Dimethyl-4-Pyrimidinyl Dimethylcarbamate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
95.0	106101	D	F	125			Erythema	Edema
50.0	106101	WP	M	150			Erythema	Edema

106701

Ammonium Ethyl Carbamoylphosphonate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
41.5	106701	EC	B	7500			Erythema	Edema

106901

Sodium Salt of Asulum

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
37.2	106901		RT BG	0 0	0 0	0(180) 0(180)

107201

3-Cyclohexyl-6-(Dimethylamino)-1-Methyl-1, 3, 5-Triazine-2, 4(1H, 3H)-Dione

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
90.0	107201	WP	M	1000			Erythema	Edema

108001

Perfluidone

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	108001	D	F	>1500			Erythema	Edema

169108

Alkyl * Dimethyl Benzyl Ammonium Chloride * (as in fatty acids of Coconut Oil)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
50.0	169108	EC	B	630		7	Erythema 4	Edema 4

169108

Alkyl * Dimethyl Benzyl Ammonium Chloride * (as in fatty acids of Coconut oil)

Active Ingredient(s) %	Chemical Code	Formulation				Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis		
50.0	169108	EC	B	7	3	2	3	4	3	2	3	4		

169108

Alkyl * Dimethyl Benzyl Ammonium Chloride * (as in fatty acids of coconut oil)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm) 24h	48h	96h
			Species	RT	BG			
20.00	169108	C		0.34	0.22	0.15		
2.85	083001			0.61	0.44	0.36		

169111

Dialkyl * Dimethyl Ammonium Bentonite * (as in fatty acids of Tallow)

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
60.0	169111	EC	B	925			Erythema	Edema
26.8	169111						Erythema	Edema
3.0	069104	WP	B	>500				
3.0	069111							

169111

Dialkyl * Dimethyl Ammonium Bentonite * (as in fatty acids of Tallow)

Active Ingredient(s) %	Chemical Code	Formulation			Washed				<u>Ocular</u>				Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	Cor	Iris	Red
60.0	169111	EC		7	4	2	3	4	4	2	3	4			

169134

Alkyl * Dimethyl 3, 4-Dichlorobenzyl Ammonium Chloride * (100% C₁₂)

I-535-B-1

169134

Alkyl * Dimethyl 3, 4-Dichlorobenzyl Ammonium Chloride * (100% C₁₂)

206200

Biuret

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
80.0	206200	WP	RT BG	0 0	0(180) 0(180)	-

207100

5-Chloro-3-Methyl-4-Nitro-1H-Pyrazole

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded	
17.18	207100	EC	B	525			Erythema	Edema	Erythema Edema

210800

6-(Benzylamino)-9-(2-Tera-Hydropyranyl-9H-Purine)

Active Ingredient(s) %	Chemical Code	Formulation			Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
98.0	210800	WP		7	0	0	0	0	-	-	-		

288600

2-Chloro-1-(3-Ethoxy-4-Nitrophenoxy)-4-(Trifluoromethyl) Benzene

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
24.3	288600	EC	B	2800			Erythema	Edema

298200

Dichlormate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)	
			Species	24h	48h	96h
45.0	298200		RT	15.0	9.8	6.9
			BG	21.5	12.0	12.0
			BG	19.1	17.5	17.5
			BG	17.5	16.8	16.0

304400

Procyazine

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
80.0	304400	D	M	120			Erythema	Edema

361200

Triarimol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic			LC ₅₀ (ppm)
			Species	24h	48h	
7.2	361200	EC	RT BG	9.9 22.0	9.5 22.0	9.5 22.0

366200

N, N-Dimethyl Formamide

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC50 (ppm)		
			Species	24h	48h	96h	
100.0	366200	C	RT	10,000	7,700	7,100	

421200

Endothall, Dihydroxyaluminum Salt 7-Oxabicyclo (2.2.1) Heptane-2, 3-Dicarboxylic Acid

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC50(ppm)		
				24h	48h	96h
22.1	421200		RT	0	0	0(180)

425300

Ethanedial Dioxime

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
10.0	425300	EC	B	880			Erythema	Edema

427200

2-Ethoxy-2, 3-Dihydro-3, 3-Dimethyl-5-Benzofuranyl Methanesulfonate

Active Ingredient(s) %	Chemical	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating			
	Code	Type	Sex	Screen	Acute	Days	Abraded	Unabraded		
19.0	427200	EC	B B	>5000 >2000		7	Erythema 4	Edema 4	Erythema 4	Edema 4

427200

2-Ethoxy-2, 3-Dihydro-3, 3-Dimethyl-5-Benzofuranyl Methanesulfonate

Active Ingredient(s) %	Chemical Code	Formulation			Washed			<u>Ocular</u>			Unwashed		
		Type	Sex	Days	Cor	Iris	Red	Chemosis	Cor	Iris	Red	Chemosis	
19.0	427200	EC		7	1	0	1	1	1	0	1	1	
				7	0	0	1	0	1	1	2	1	

454300

N-(1-Ethylpropyl)-3, 4-Dimethyl-2, 6-Dinitrobenzenamide

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)		Dermal Rating		
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
43.8	454300	EC	B	2020			Erythema	Edema
34.4 5.8	454300 086802	EC	M	>2000			Erythema	Edema

460200

Fluchloralin

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
45.0	460200	L	BG	210	115	93

525300

Leptophos

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
30.61	525300	EC	M	29.0			Erythema	Edema
59.82	086802						Erythema	Edema

534300

Malachite (Copper Equivalent 57%)

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
			BG	24h	48h	96h
96.4	534300		BG	0	0(320)	-

568200

1, 1'-Methylenedi-2-Naphthol, Monosodium Salt of

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
39.5	568200		BG	2.7	1.7	1.3

624200

Oxadiaxon

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
2.0	624200	G	RT BG	27.00 1.25	26.00 1.20	26.00 0.88	

642500

Perfluidone

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
51.0	642500		RT	160.0	127.0	127.0	

699901

Ammonium Thiocyanate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	699901	EC	B	980			Erythema	Edema

699901

Ammonium Thiocyanate

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic		LC ₅₀ (ppm)		
			Species	24h	48h	96h	
100.0	699901		BG	0	0	0(100)	

699903

Chemcol

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
100.0	699903		BG	182.0	125.0	125.0
			BG	123.0	81.0	75.0
			BG	62.0	60.0	60.0

699905

2-Ethoxy-9-(P-Isopropylphenyl)-2, 6-Dimethyl-Nonane

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
?	699905	EC	RT	0	0(56)	-

699906

2-Methoxy-9-(p-Isopropylphenol)-2, 6-Dimethyl Nonane

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
?	699906	C	D	0.056	0.056	

699910

Dibutyltin Dilaurate

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
12.5	699910	G	B	>1500			Erythema	Edema
29.0	064501						Erythema	Edema

699911

Olefins

Active Ingredient(s) %	Chemical	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
	Code	Type	Sex	Screen	Acute	Days	Abraded	Unabraded
2.5	699911	EC	B	>3500			Erythema	Edema
0.5	027502						Erythema	Edema
9.0	063503						Erythema	Edema
12.0	055801						Erythema	Edema
65.0	006601						Erythema	Edema

699913

Glycosides

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
7.5	699913	EC	M	>10,000			Erythema	Edema

699914

Isocyanuric Acid

Active Ingredient(s) %	Chemical Code	Formulation		Oral LD ₅₀ (mg/kg)			Dermal Rating	
		Type	Sex	Screen	Acute	Days	Abraded	Unabraded
100.0	699914	G	B	700			Erythema	Edema

699914

Isocyanuric Acid

699918

Zinc

699919

Sodium Trichloro-S-Triazi-Metronone

Active Ingredient(s) %	Chemical Code	Formulation Type	Aquatic Species	LC ₅₀ (ppm)		
				24h	48h	96h
100.0	699919	G	BG	-		1.20