

Table II. EPCRA Section 313 Chemical List For Reporting Year 2007 (including Toxic Chemical Categories)

Individually listed EPCRA Section 313 chemicals with CAS numbers are arranged alphabetically starting on page II-3. Following the alphabetical list, the EPCRA Section 313 chemicals are arranged in CAS number order. Covered chemical categories follow.

Certain EPCRA Section 313 chemicals listed in Table II have parenthetical “qualifiers.” These qualifiers indicate that these EPCRA Section 313 chemicals are subject to the section 313 reporting requirements if manufactured, processed, or otherwise used in a specific form or when a certain activity is performed. The following chemicals are reportable only if they are manufactured, processed, or otherwise used in the specific form(s) listed below:

Chemical	CAS Number	Qualifier
Aluminum (fume or dust)	7429-90-5	Only if it is a fume or dust form.
Aluminum oxide (fibrous forms)	1344-28-1	Only if it is a fibrous form.
Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	7664-41-7	Only 10% of aqueous forms. 100% of anhydrous forms.
Asbestos (friable)	1332-21-4	Only if it is a friable form.
Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	7647-01-0	Only if it is an aerosol form as defined.
Phosphorus (yellow or white)	7723-14-0	Only if it is a yellow or white form.
Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	7664-93-9	Only if it is an aerosol form as defined.
Vanadium (except when contained in an alloy)	7440-62-2	Except if it is contained in an alloy.
Zinc (fume or dust)	7440-66-6	Only if it is in a fume or dust form.

The qualifier for the following three chemicals is based on the chemical activity rather than the form of the chemical. These chemicals are subject to EPCRA section 313 reporting requirements only when the indicated activity is performed.

Chemical/ Chemical Category	CAS Number	Qualifier
Dioxin and dioxin-like compounds (manufacturing; and the processing or otherwise use of dioxin and dioxin-like compounds if the dioxin and dioxin-like compounds are present as contaminants in a chemical and if they were created during the manufacture of that chemical.)	NA	Only if they are manufactured at the facility; or are processed or otherwise used when present as contaminants in a chemical but only if they were created during the manufacture of that chemical.
Isopropyl alcohol (only persons who manufacture by the strong acid process are subject, no supplier notification)	67-63-0	Only if it is being manufactured by the strong acid process. Facilities that process or otherwise use isopropyl alcohol are <u>not</u> covered and should <u>not</u> file a report.
Saccharin (only persons who manufacture are subject, no supplier notification)	81-07-2	Only if it is being manufactured.

There are no supplier notification requirements for isopropyl alcohol and saccharin since the processors and users of these chemicals are not required to report. Manufacturers of these chemicals do not need to notify their customers that these are reportable EPCRA section 313 chemicals.

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Note: Chemicals may be added to or deleted from the list. The Emergency Planning and Community Right-to-Know Call Center will provide up-to-date information on the status of these changes. See section B.3.c of the instructions for more information on the *de minimis* values listed below. There are no *de minimis* levels for PBT chemicals since the *de minimis* exemption is not available for these chemicals (an asterisk appears where a *de minimis* limit would otherwise appear in Table II). However, for purposes of the supplier notification requirement only, such limits are provided in Appendix D.

Chemical Qualifiers

This table contains the list of individual EPCRA Section 313 chemicals and categories of chemicals subject to 2007 calendar year reporting. Some of the EPCRA Section 313 chemicals listed have parenthetical qualifiers listed next to them. An EPCRA Section 313 chemical that is listed without a qualifier is subject to reporting in all forms in which it is manufactured, processed, and otherwise used.

Fume or dust. Two of the metals on the list (aluminum and zinc) contain the qualifier “fume or dust.” Fume or dust refers to dry forms of these metals but does not refer to “wet” forms such as solutions or slurries. As explained in Section B.3.a of these instructions, the term manufacture includes the generation of an EPCRA Section 313 chemical as a byproduct or impurity. In such cases, a facility should determine if, for example, it generated more than 25,000 pounds of aluminum fume or dust in the reporting year as a result of its activities. If so, the facility must report that it manufactures “aluminum (fume or dust).” Similarly, there may be certain technologies in which one of these metals is processed in the form of a fume or dust to make other EPCRA Section 313 chemicals or other products for distribution in commerce. In reporting releases, the facility would only report releases of the fume or dust.

EPA considers dusts to consist of solid particles generated by any mechanical processing of materials including crushing, grinding, rapid impact, handling, detonation, and decrepitation of organic and inorganic materials such as rock, ore, and metal. Dusts do not tend to flocculate, except under electrostatic forces.

EPA considers a fume to be an airborne dispersion consisting of small solid particles created by condensation from a gaseous state, in distinction to a gas or vapor. Fumes arise from the heating of solids such as lead. The condensation is often accompanied by a chemical reaction, such as oxidation. Fumes flocculate and sometimes coalesce.

Manufacturing qualifiers. Two of the entries in the EPCRA Section 313 chemical list contain a qualifier relating to manufacture. For isopropyl alcohol, the qualifier is “only persons who manufacture by the strong acid process are subject, no supplier notification.” For saccharin, the qualifier is “only persons who manufacture are subject, no supplier notification.” For isopropyl alcohol, the qualifier means that only facilities manufacturing isopropyl alcohol by the strong acid process are required to report. In the case of saccharin, only manufacturers of

the EPCRA Section 313 chemical are subject to the reporting requirements. A facility that only processes or otherwise uses either of these EPCRA Section 313 chemicals is not required to report for these EPCRA Section 313 chemicals. In both cases, supplier notification does not apply because only manufacturers, not users, of these two EPCRA Section 313 chemicals must report.

Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing). The qualifier for ammonia means that anhydrous forms of ammonia are 100% reportable and aqueous forms are limited to 10% of total aqueous ammonia. Therefore when determining threshold and releases and other waste management quantities all anhydrous ammonia is included but only 10% of total aqueous ammonia is included. Any evaporation of ammonia from aqueous ammonia solutions is considered anhydrous ammonia and should be included in threshold determinations and release and other waste management calculations.

Sulfuric acid and Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size). The qualifier for sulfuric acid and hydrochloric acid means that the only forms of these chemicals that are reportable are airborne forms. Aqueous solutions are not covered by this listing but any aerosols generated from aqueous solutions are covered.

Nitrate compounds (water dissociable; reportable only when in aqueous solution). The qualifier for the nitrate compounds category limits the reporting to nitrate compounds that dissociate in water, generating nitrate ion. For the purposes of threshold determinations the entire weight of the nitrate compound must be included in all calculations. For the purposes of reporting releases and other waste management quantities only the weight of the nitrate ion should be included in the calculations of these quantities.

Phosphorus (yellow or white). The listing for phosphorus is qualified by the term “yellow or white.” This means that only manufacturing, processing, or otherwise use of phosphorus in the yellow or white chemical form triggers reporting. Conversely, manufacturing, processing, or otherwise use of “black” or “red” phosphorus does not trigger reporting. Supplier notification also applies only to distribution of yellow or white phosphorus.

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Asbestos (friable). The listing for asbestos is qualified by the term “friable,” referring to the physical characteristic of being able to be crumbled, pulverized, or reducible to a powder with hand pressure. Only manufacturing, processing, or otherwise use of asbestos in the friable form triggers reporting. Supplier notification applies only to distribution of mixtures or other trade name products containing friable asbestos.

Aluminum Oxide (fibrous forms). The listing for aluminum oxide is qualified by the term “fibrous forms.” Fibrous refers to a man-made form of aluminum oxide that is processed to produce strands or filaments which can be cut to various lengths depending on the application. Only manufacturing, processing, or otherwise use of aluminum oxide in the fibrous form triggers reporting. Supplier notification applies only to distribution of mixtures or other trade name products containing fibrous forms of aluminum oxide.

Notes for Sections A and B of following list of TRI chemicals:

“Color Index” indicated by “C.I.”

* There are no *de minimis* levels for PBT chemicals, except for supplier notification purposes (see Appendix D).

a. Individually-Listed Toxic Chemicals Arranged Alphabetically

CAS Number	Chemical Name	<i>De minimis</i> Limit
71751-41-2	Abamectin [Avermectin B1]	1.0
30560-19-1	Acephate (Acetylphosphoramidothioic acid O,S-dimethyl ester)	1.0
75-07-0	Acetaldehyde	0.1
60-35-5	Acetamide	0.1
75-05-8	Acetonitrile	1.0
98-86-2	Acetophenone	1.0
53-96-3	2-Acetylaminofluorene	0.1
62476-59-9	Acifluorfen, sodium salt [5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoic acid, sodium salt]	1.0
107-02-8	Acrolein	1.0
79-06-1	Acrylamide	0.1
79-10-7	Acrylic acid	1.0
107-13-1	Acrylonitrile	0.1
15972-60-8	Alachlor	1.0
116-06-3	Aldicarb	1.0
309-00-2	Aldrin [1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1.alpha.,4.alpha.,4a.beta.,	*

CAS Number	Chemical Name	<i>De minimis</i> Limit
28057-48-9	5.alpha.,8.alpha.,8a.beta.)-] d-trans-Allethrin [d-trans-Chrysanthemic acid of d-allethron]	1.0
107-18-6	Allyl alcohol	1.0
107-11-9	Allylamine	1.0
107-05-1	Allyl chloride	1.0
7429-90-5	Aluminum (fume or dust)	1.0
20859-73-8	Aluminum phosphide	1.0
1344-28-1	Aluminum oxide (fibrous forms)	
834-12-8	Ametryn (N-Ethyl-N'-(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine)	1.0
117-79-3	2-Aminoanthraquinone	0.1
60-09-3	4-Aminoazobenzene	0.1
92-67-1	4-Aminobiphenyl	0.1
82-28-0	1-Amino-2-methylantraquinone	0.1
33089-61-1	Amitraz	1.0
61-82-5	Amitrole	0.1
7664-41-7	Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	1.0
101-05-3	Anilazine [4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine]	1.0
62-53-3	Aniline	1.0
90-04-0	o-Anisidine	0.1
104-94-9	p-Anisidine 1.0	
134-29-2	o-Anisidine hydrochloride 0.1	
120-12-7	Anthracene	1.0
7440-36-0	Antimony	1.0
7440-38-2	Arsenic	0.1
1332-21-4	Asbestos (friable)	0.1
1912-24-9	Atrazine (6-Chloro-N-ethyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine)	1.0
7440-39-3	Barium	1.0
22781-23-3	Bendiocarb [2,2-Dimethyl-1,3-benzodioxol-4-ol methylcarbamate]	1.0
1861-40-1	Benfluralin (N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine)	1.0
17804-35-2	Benomyl	1.0
98-87-3	Benzal chloride	1.0
55-21-0	Benzamide	1.0
71-43-2	Benzene	0.1
92-87-5	Benzidine	0.1
98-07-7	Benzoic trichloride	0.1

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CAS Number	Chemical Name	Deminimis Limit	CAS Number	Chemical Name	Deminimis Limit
	(Benzotrichloride)			methylcarbamate]	
191-24-2	Benzo(g,h,i)perylene	*	1563-66-2	Carbofuran	1.0
98-88-4	Benzoyl chloride	1.0	75-15-0	Carbon disulfide	1.0
94-36-0	Benzoyl peroxide	1.0	56-23-5	Carbon tetrachloride	0.1
100-44-7	Benzyl chloride	1.0	463-58-1	Carbonyl sulfide	1.0
7440-41-7	Beryllium	0.1	5234-68-4	Carboxin	1.0
82657-04-3	Bifenthrin	1.0		(5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)	
92-52-4	Biphenyl	1.0	120-80-9	Catechol	0.1
111-91-1	Bis(2-chloroethoxy) methane	1.0	2439-01-2	Chinomethionat	1.0
111-44-4	Bis(2-chloroethyl) ether	1.0		[6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one]	
542-88-1	Bis(chloromethyl) ether	0.1	133-90-4	Chloramben	1.0
108-60-1	Bis(2-chloro-1-methylethyl)ether	1.0		[Benzoic acid, 3-amino-2,5-dichloro-]	
56-35-9	Bis(tributyltin) oxide	1.0	57-74-9	Chlordane	*
10294-34-5	Boron trichloride	1.0		[4,7-Methanoindan, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-]	
7637-07-2	Boron trifluoride	1.0	115-28-6	Chlorendic acid	0.1
314-40-9	Bromacil	1.0	90982-32-4	Chlorimuron ethyl	1.0
	(5-Bromo-6-methyl-3-(1-methylpropyl)-2,4(1H,3H)-pyrimidinedione)			[Ethyl-2-[[[(4-chloro-6-methoxyprimidin-2-yl)amino]carbonyl]amino]sulfonyl]benzoate]	
53404-19-6	Bromacil, lithium salt	1.0	7782-50-5	Chlorine	1.0
	[2,4(1H,3H)-Pyrimidinedione,5-bromo-6-methyl-3-(1-methylpropyl), lithium salt]		10049-04-4	Chlorine dioxide	1.0
7726-95-6	Bromine	1.0	79-11-8	Chloroacetic acid	1.0
35691-65-7	1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	1.0	532-27-4	2-Chloroacetophenone	1.0
353-59-3	Bromochlorodifluoromethane (Halon 1211)	1.0	4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1.0
75-25-2	Bromoform (Tribromomethane)	1.0	106-47-8	p-Chloroaniline	0.1
74-83-9	Bromomethane (Methyl bromide)	1.0	108-90-7	Chlorobenzene	1.0
75-63-8	Bromotrifluoromethane (Halon 1301)	1.0	510-15-6	Chlorobenzilate	1.0
1689-84-5	Bromoxynil	1.0		[Benzeneacetic acid, 4-chloro-.alpha.-(4-chlorophenyl)-.alpha.-hydroxy-, ethyl ester]	
1689-99-2	Bromoxynil octanoate (Octanoic acid, 2,6-dibromo-4-cyanophenylester)	1.0	75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	1.0
357-57-3	Brucine	1.0	75-45-6	Chlorodifluoromethane (HCFC-22)	1.0
106-99-0	1,3-Butadiene	0.1	75-00-3	Chloroethane (Ethyl chloride)	
141-32-2	Butyl acrylate	1.0	67-66-3	Chloroform	0.1
71-36-3	n-Butyl alcohol	1.0	74-87-3	Chloromethane (Methyl chloride)	1.0
78-92-2	sec-Butyl alcohol	1.0	107-30-2	Chloromethyl methyl ether	0.1
75-65-0	tert-Butyl alcohol	1.0	563-47-3	3-Chloro-2-methyl-1-propene	0.1
106-88-7	1,2-Butylene oxide	0.1	104-12-1	p-Chlorophenyl isocyanate	1.0
123-72-8	Butyraldehyde	1.0	76-06-2	Chloropicrin	1.0
7440-43-9	Cadmium	0.1	126-99-8	Chloroprene	0.1
156-62-7	Calcium cyanamide	1.0	542-76-7	3-Chloropropionitrile	1.0
133-06-2	Captan	1.0	63938-10-3	Chlorotetrafluoroethane	1.0
	[1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-]		354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	1.0
63-25-2	Carbaryl [1-Naphthalenol,	1.0	2837-89-0	2-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124)	1.0
			1897-45-6	Chlorothalonil	0.1
				[1,3-Benzenedicarbonitrile, 2,4,5,6-	

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CAS Number	Chemical Name	Deminimis Limit	CAS Number	Chemical Name	Deminimis Limit
95-69-2	tetrachloro-] p-Chloro-o-toluidine			cyano(4-fluoro-3-phenoxyphenyl) methyl ester]	
75-88-7	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1.0	68085-85-8	Cyhalothrin	1.0
75-72-9	Chlorotrifluoromethane (CFC-13)	1.0		[3-(2-Chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropane-carboxylic acid cyano(3-phenoxyphenyl)methyl ester]	
460-35-5	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	1.0	94-75-7	2,4-D	
5598-13-0	Chlorpyrifos methyl [O,O-Dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate]	1.0	533-74-4	[Acetic acid, (2,4-dichlorophenoxy)-] Dazomet	1.0
64902-72-3	Chlorsulfuron [2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl] benzenesulfonamide]	1.0	53404-60-7	(Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione) Dazomet, sodium salt	1.0
7440-47-3	Chromium	1.0	94-82-6	2,4-DB	1.0
4680-78-8	C.I. Acid Green 3	1.0	1929-73-3	2,4-D butoxyethyl ester	0.1
6459-94-5	C.I. Acid Red 114	0.1	94-80-4	2,4-D butyl ester	0.1
569-64-2	C.I. Basic Green 4	1.0	2971-38-2	2,4-D chlorocrotyl ester	0.1
989-38-8	C.I. Basic Red 1	1.0	1163-19-5	Decabromodiphenyl oxide	1.0
1937-37-7	C.I. Direct Black 38	0.1	13684-56-5	Desmedipham	1.0
2602-46-2	C.I. Direct Blue 6	0.1	1928-43-4	2,4-D 2-ethylhexyl ester	0.1
28407-37-6	C.I. Direct Blue 218	1.0	53404-37-8	2,4-D 2-ethyl-4-methylpentyl ester	0.1
16071-86-6	C.I. Direct Brown 95	0.1	2303-16-4	Diallate	1.0
2832-40-8	C.I. Disperse Yellow 3	1.0		[Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl) ester]	
3761-53-3	C.I. Food Red 5	0.1	615-05-4	2,4-Diaminoanisole	0.1
81-88-9	C.I. Food Red 15		39156-41-7	2,4-Diaminoanisole sulfate	0.1
3118-97-6	C.I. Solvent Orange 7	1.0	101-80-4	4,4'-Diaminodiphenyl ether	0.1
97-56-3	C.I. Solvent Yellow 3	0.1	95-80-7	2,4-Diaminotoluene	0.1
842-07-9	C.I. Solvent Yellow 14	1.0	25376-45-8	Diaminotoluene (mixed isomers)	0.1
492-80-8	C.I. Solvent Yellow 34 (Auramine)	0.1	333-41-5	Diazinon	1.0
128-66-5	C.I. Vat Yellow 4	1.0	334-88-3	Diazomethane	1.0
7440-48-4	Cobalt		132-64-9	Dibenzofuran	1.0
7440-50-8	Copper	1.0	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	
8001-58-9	Creosote	0.1	106-93-4	1,2-Dibromoethane (Ethylene dibromide)	0.1
120-71-8	p-Cresidine	0.1	124-73-2	Dibromotetrafluoroethane (Halon 2402)	1.0
108-39-4	m-Cresol	1.0	84-74-2	Dibutyl phthalate	1.0
95-48-7	o-Cresol	1.0	1918-00-9	Dicamba (3,6-Dichloro-2-methoxybenzoic acid)	1.0
106-44-5	p-Cresol	1.0	99-30-9	Dichloran [2,6-Dichloro-4-nitroaniline]	1.0
1319-77-3	Cresol (mixed isomers)	1.0	95-50-1	1,2-Dichlorobenzene	1.0
4170-30-3	Crotonaldehyde	1.0	541-73-1	1,3-Dichlorobenzene	1.0
98-82-8	Cumene	1.0	106-46-7	1,4-Dichlorobenzene	0.1
80-15-9	Cumene hydroperoxide	1.0	25321-22-6	Dichlorobenzene (mixed isomers)	0.1
135-20-6	Cupferron	0.1	91-94-1	3,3'-Dichlorobenzidine	0.1
21725-46-2	Cyanazine	1.0	612-83-9	3,3'-Dichlorobenzidine dihydrochloride	0.1
1134-23-2	Cycloate	1.0	64969-34-2	3,3'-Dichlorobenzidine sulfate	0.1
110-82-7	Cyclohexane	1.0			
108-93-0	Cyclohexanol	1.0			
68359-37-5	Cyfluthrin [3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid,				

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CAS Number	Chemical Name	Deminimis Limit	CAS Number	Chemical Name	Deminimis Limit
75-27-4	Dichlorobromomethane	0.1	51338-27-3	Diclofop methyl	1.0
764-41-0	1,4-Dichloro-2-butene	1.0		[2-[4-(2,4-Dichlorophenoxy)phenoxy]propanoic acid, methyl ester]	
110-57-6	trans-1,4-Dichloro-2-butene	1.0	115-32-2	Dicofol	1.0
1649-08-7	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1.0		[Benzenemethanol, 4-chloro-	
75-71-8	Dichlorodifluoromethane (CFC-12)	1.0	77-73-6	Dicyclopentadiene	1.0
107-06-2	1,2-Dichloroethane (Ethylene dichloride)	0.1	1464-53-5	Diepoxybutane	0.1
540-59-0	1,2-Dichloroethylene	1.0	111-42-2	Diethanolamine	1.0
1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1.0	38727-55-8	Diethyl ethyl	1.0
75-43-4	Dichlorofluoromethane (HCFC-21)	1.0	117-81-7	Di(2-ethylhexyl) phthalate (DEHP)	0.1
75-09-2	Dichloromethane (Methylene chloride)	0.1	64-67-5	Diethyl sulfate	0.1
127564-92-5	Dichloropentafluoropropane	1.0	35367-38-5	Diflubenzuron	1.0
13474-88-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1.0	101-90-6	Diglycidyl resorcinol ether	0.1
111512-56-2	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1.0	94-58-6	Dihydrosafrole	0.1
422-44-6	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	1.0	55290-64-7	Dimethipin	1.0
431-86-7	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	1.0		[2,3-Dihydro-5,6-dimethyl-1,4-dithiin 1,1,4,4-tetraoxide]	
507-55-1	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	1.0	60-51-5	Dimethoate	1.0
136013-79-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1.0	119-90-4	3,3'-Dimethoxybenzidine	0.1
128903-21-9	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	1.0	20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride (o-Dianisidine dihydrochloride)	0.1
422-48-0	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	1.0	111984-09-9	3,3'-Dimethoxybenzidine hydrochloride (o-Dianisidine hydrochloride)	0.1
422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	1.0	124-40-3	Dimethylamine	1.0
97-23-4	Dichlorophene [2,2'-Methylenebis(4-chlorophenol)]	1.0	2300-66-5	Dimethylamine dicamba	1.0
120-83-2	2,4-Dichlorophenol	1.0	60-11-7	4-Dimethylaminoazobenzene	0.1
78-87-5	1,2-Dichloropropane	1.0	121-69-7	N,N-Dimethylaniline	1.0
10061-02-6	trans-1,3-Dichloropropene	0.1	119-93-7	3,3'-Dimethylbenzidine (o-Tolidine)	0.1
78-88-6	2,3-Dichloropropene	1.0	612-82-8	3,3'-Dimethylbenzidine dihydrochloride (o-Tolidine dihydrochloride)	0.1
542-75-6	1,3-Dichloropropylene	0.1	41766-75-0	3,3'-Dimethylbenzidine dihydrofluoride (o-Tolidine dihydrofluoride)	0.1
76-14-2	Dichlorotetrafluoroethane (CFC-114)	1.0	79-44-7	Dimethylcarbaryl chloride	0.1
34077-87-7	Dichlorotrifluoroethane	1.0	2524-03-0	Dimethyl chlorothiophosphate	1.0
90454-18-5	Dichloro-1,1,2-trifluoroethane	1.0	68-12-2	N,N-Dimethylformamide	1.0
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1.0	57-14-7	1,1-Dimethyl hydrazine	0.1
354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	1.0	105-67-9	2,4-Dimethylphenol	1.0
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1.0	131-11-3	Dimethyl phthalate	1.0
62-73-7	Dichlorvos [Phosphoric acid, 2,2-dichloroethenyl dimethyl ester]	0.1	77-78-1	Dimethyl sulfate	0.1
			99-65-0	m-Dinitrobenzene	1.0
			528-29-0	o-Dinitrobenzene	1.0
			100-25-4	p-Dinitrobenzene	1.0
			88-85-7	Dinitrobutyl phenol (Dinoseb)	1.0
			534-52-1	4,6-Dinitro-o-cresol	1.0
			51-28-5	2,4-Dinitrophenol	1.0
			121-14-2	2,4-Dinitrotoluene	0.1
			606-20-2	2,6-Dinitrotoluene	0.1
			25321-14-6	Dinitrotoluene (mixed isomers)	1.0
			39300-45-3	Dinocap	1.0
			123-91-1	1,4-Dioxane	0.1

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CAS Number	Chemical Name	Deminimis Limit	CAS Number	Chemical Name	Deminimis Limit
957-51-7	Diphenamid	1.0	55-38-9	Fenthion	1.0
122-39-4	Diphenylamine	1.0		[O,O-Dimethyl O-[3-methyl-4-(methylthio)phenyl] ester, phosphorothioic acid]	
122-66-7	1,2-Diphenylhydrazine (Hydrazobenzene)	0.1	51630-58-1	Fenvalerate	1.0
2164-07-0	Dipotassium endothall [7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dipotassium salt]	1.0		[4-Chloro-alpha-(1-methylethyl) benzeneacetic acid cyano (3-phenoxyphenyl) methyl ester]	
136-45-8	Dipropyl isocinchomeronate	1.0	14484-64-1	Ferbam	1.0
138-93-2	Disodium cyanodithioimidocarbonate	1.0		[Tris(dimethylcarbamodithioato- S,S')iron]	
94-11-1	2,4-D isopropyl ester	0.1	69806-50-4	Fluazifop butyl	1.0
541-53-7	2,4-Dithiobiuret	1.0		[2-[4-[[5-(Trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoic acid, butyl ester]	
330-54-1	Diuron	1.0	2164-17-2	Fluometuron	1.0
2439-10-3	Dodine [Dodecylguanidine monoacetate]	1.0		[Urea, N,N-dimethyl-N'-[3-(trifluoromethyl)phenyl]-]	
120-36-5	2,4-DP	0.1	7782-41-4	Fluorine	1.0
1320-18-9	2,4-D propylene glycol butyl ether ester	0.1	51-21-8	Fluorouracil (5-Fluorouracil)	1.0
2702-72-9	2,4-D sodium salt	0.1	69409-94-5	Fluvalinate	1.0
106-89-8	Epichlorohydrin	0.1		[N-[2-Chloro-4-(trifluoromethyl)phenyl]-DL-valine(+)-cyano(3-phenoxyphenyl)methyl ester]	
13194-48-4	Ethoprop [Phosphorodithioic acid O-ethyl S,S-dipropyl ester]	1.0	133-07-3	Folpet	1.0
110-80-5	2-Ethoxyethanol	1.0	72178-02-0	Fomesafen	1.0
140-88-5	Ethyl acrylate	0.1		[5-(2-Chloro-4-(trifluoromethyl)phenoxy)-N-methylsulfonyl-2-nitrobenzamide]	
100-41-4	Ethylbenzene	0.1	50-00-0	Formaldehyde	0.1
541-41-3	Ethyl chloroformate	1.0	64-18-6	Formic acid	1.0
759-94-4	Ethyl dipropylthiocarbamate (EPTC)	1.0	76-13-1	Freon 113	1.0
74-85-1		Ethylene		[Ethane, 1,1,2-trichloro-1,2,2,-trifluoro-]	
107-21-1	Ethylene glycol	1.0	76-44-8	Heptachlor	*
151-56-4	Ethyleneimine (Aziridine)	0.1		[1,4,5,6,7,8,8-Heptachloro-3a, 4,7,7a-tetrahydro-4,7-methano-1H-indene]	
75-21-8	Ethylene oxide	0.1	118-74-1	Hexachlorobenzene	*
96-45-7	Ethylene thiourea	0.1	87-68-3	Hexachloro-1,3-butadiene	1.0
75-34-3	Ethylidene dichloride	1.0	319-84-6	alpha-Hexachlorocyclohexane	0.1
52-85-7	Famphur	1.0	77-47-4	Hexachlorocyclopentadiene	1.0
60168-88-9	Fenarimol [alpha-(2-Chlorophenyl)-.alpha.-(4-chlorophenyl)-5-pyrimidinemethanol]	1.0	67-72-1	Hexachloroethane	0.1
13356-08-6	Fenbutatin oxide (Hexakis(2-methyl-2-phenylpropyl) distannoxane)	1.0	1335-87-1	Hexachloronaphthalene	1.0
66441-23-4	Fenoxaprop ethyl [2-(4-((6-Chloro-2-benzoxazolyl)oxy)phenoxy)propanoic acid, ethyl ester]	1.0	70-30-4	Hexachlorophene	1.0
72490-01-8	Fenoxycarb [[2-(4-Phenoxyphenoxy)ethyl]carbamic acid ethyl ester]	1.0	680-31-9	Hexamethylphosphoramide	0.1
39515-41-8	Fenpropathrin [2,2,3,3-Tetramethylcyclopropane carboxylic acid cyano(3-phenoxyphenyl)methyl ester]	1.0	110-54-3	n-Hexane	1.0
			51235-04-2	Hexazinone	1.0
			67485-29-4	Hydramethylnon [Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone[3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone]	1.0
			302-01-2	Hydrazine	0.1
			10034-93-2	Hydrazine sulfate	0.1
			7647-01-0	Hydrochloric acid (acid aerosols including mists, vapors, gas,	1.0

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CAS Number	Chemical Name	<i>Deminimis</i> Limit	CAS Number	Chemical Name	<i>Deminimis</i> Limit
	fog, and other airborne forms of any particle size)			oxadiazolidine-3,5-dione]	
74-90-8	Hydrogen cyanide	1.0	2032-65-7	Methiocarb	1.0
7664-39-3	Hydrogen fluoride	1.0	94-74-6	Methoxone	0.1
123-31-9	Hydroquinone	1.0		((4-Chloro-2-methylphenoxy) acetic acid)	
35554-44-0	Imazalil	1.0		(MCPA)	
	[1-[2-(2,4-Dichlorophenyl)-2-(2-propenyloxy)ethyl]-1H-imidazole]		3653-48-3	Methoxone sodium salt	0.1
55406-53-6	3-Iodo-2-propynyl butylcarbamate	1.0		((4-Chloro-2-methylphenoxy) acetate sodium salt)	
13463-40-6	Iron pentacarbonyl	1.0	72-43-5	Methoxychlor	*
78-84-2	Isobutyraldehyde	1.0		[Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-]	
465-73-6	Isodrin	*	109-86-4	2-Methoxyethanol	1.0
25311-71-1	Isofenphos[2-[[Ethoxyl[(1-methylethyl)amino]phosphinothioyl]oxy] benzoic acid 1-methylethyl ester]	1.0	96-33-3	Methyl acrylate	1.0
			1634-04-4	Methyl tert-butyl ether	1.0
67-63-0	Isopropyl alcohol (only persons who manufacture by the strong acid process are subject, no supplier notification)	1.0	79-22-1	Methyl chlorocarbonate	1.0
			101-14-4	4,4'-Methylenebis(2-chloroaniline)	0.1
80-05-7	4,4'-Isopropylidenediphenol	1.0		(MBOCA)	
120-58-1	Isosafrole	1.0	101-61-1	4,4'-Methylenebis(N,N-dimethyl) benzenamine	0.1
77501-63-4	Lactofen	1.0		Methylene bromide	1.0
	[Benzoic acid, 5-[2-Chloro-4-(trifluoromethyl)phenoxy]-2-nitro-, 2-ethoxy-1-methyl-2-oxoethyl ester]		101-77-9	4,4'-Methylenedianiline	0.1
7439-92-1	Lead (when lead is contained in stainless steel, brass or bronze alloys the <i>de minimis</i> level is 0.1)	*	60-34-4	Methyl hydrazine	1.0
			74-88-4	Methyl iodide	1.0
58-89-9	Lindane	0.1	108-10-1	Methyl isobutyl ketone	1.0
	[Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1.alpha.,2.alpha.,3.beta.,4.alpha.,5.alpha.,6.beta.)-]		624-83-9	Methyl isocyanate	1.0
330-55-2	Linuron	1.0	556-61-6	Methyl isothiocyanate	1.0
554-13-2	Lithium carbonate	1.0		[Isothiocyanatomethane]	
121-75-5	Malathion	1.0	75-86-5	2-Methylactonitrile	1.0
108-31-6	Maleic anhydride	1.0	80-62-6	Methyl methacrylate	1.0
109-77-3	Malononitrile	1.0	924-42-5	N-Methylolacrylamide	1.0
12427-38-2	Maneb [Carbamodithioic acid, 1,2-ethanediylbis-, manganese complex]	1.0	298-00-0	Methyl parathion	1.0
			109-06-8	2-Methylpyridine	1.0
7439-96-5	Manganese	1.0	872-50-4	N-Methyl-2-pyrrolidone	1.0
93-65-2	Mecoprop	0.1	9006-42-2	Metiram	1.0
149-30-4	2-Mercaptobenzothiazole (MBT)	1.0	21087-64-9	Metribuzin	1.0
7439-97-6	Mercury	*	7786-34-7	Mevinphos	1.0
150-50-5	Merphos	1.0	90-94-8	Michler's ketone	0.1
126-98-7	Methacrylonitrile	1.0	2212-67-1	Molinate (1H-Azepine-1-carbothioic acid, hexahydro-, S-ethyl ester)	1.0
137-42-8	Metham sodium (Sodium methylidithiocarbamate)	1.0			
			1313-27-5	Molybdenum trioxide	1.0
67-56-1	Methanol	1.0	76-15-3	Monochloropentafluoroethane (CFC-115)	1.0
20354-26-1	Methazole [2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-	1.0			
			150-68-5	Monuron	1.0
			505-60-2	Mustard gas	0.1
				[Ethane, 1,1'-thiobis[2-chloro-]	
			88671-89-0	Myclobutanil	1.0
				[.alpha.-Butyl-.alpha.-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile]	
			142-59-6	Nabam	1.0
			300-76-5	Naled	1.0
			91-20-3	Naphthalene	0.1
			134-32-7	alpha-Naphthylamine	0.1

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91-59-8	beta-Naphthylamine	0.1	56-38-2	Parathion	1.0
7440-02-0	Nickel	0.1		[Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl)ester]	
1929-82-4	Nitrapyrin (2-Chloro-6-(trichloromethyl)pyridine)	1.0	1114-71-2	Pebulate [Butylethylcarbamothioic acid S-propyl ester]	1.0
7697-37-2	Nitric acid	1.0	40487-42-1	Pendimethalin [N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine]	*
139-13-9	Nitrilotriacetic acid	0.1	608-93-5	Pentachlorobenzene	*
100-01-6	p-Nitroaniline	1.0	76-01-7	Pentachloroethane	1.0
99-59-2	5-Nitro-o-anisidine	1.0	87-86-5	Pentachlorophenol (PCP)	0.1
98-95-3	Nitrobenzene	0.1	57-33-0	Pentobarbital sodium	1.0
92-93-3	4-Nitrobiphenyl	0.1	79-21-0	Peracetic acid	1.0
1836-75-5	Nitrofen [Benzene, 2,4-dichloro-1-(4-nitrophenoxy)-]	0.1	594-42-3	Perchloromethyl mercaptan	1.0
51-75-2	Nitrogen mustard [2-Chloro-N-(2-chloroethyl)-N-methylethanamine]	0.1	52645-53-1	Permethrin [3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, (3-phenoxyphenyl) methyl ester]	1.0
55-63-0	Nitroglycerin	1.0	85-01-8	Phenanthrene	1.0
88-75-5	2-Nitrophenol	1.0	108-95-2	Phenol	1.0
100-02-7	4-Nitrophenol	1.0	26002-80-2	Phenothrin [2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (3-phenoxyphenyl)methyl ester]	1.0
79-46-9	2-Nitropropane	0.1	95-54-5	1,2-Phenylenediamine	1.0
924-16-3	N-Nitrosodi-n-butylamine	0.1	108-45-2	1,3-Phenylenediamine	1.0
55-18-5	N-Nitrosodiethylamine	0.1	106-50-3	p-Phenylenediamine	1.0
62-75-9	N-Nitrosodimethylamine	0.1	615-28-1	1,2-Phenylenediamine dihydrochloride	1.0
86-30-6	N-Nitrosodiphenylamine	1.0	624-18-0	1,4-Phenylenediamine dihydrochloride	1.0
156-10-5	p-Nitrosodiphenylamine	1.0	90-43-7	2-Phenylphenol	1.0
621-64-7	N-Nitrosodi-n-propylamine	0.1	57-41-0	Phenytoin	0.1
759-73-9	N-Nitroso-N-ethylurea	0.1	75-44-5	Phosgene	1.0
684-93-5	N-Nitroso-N-methylurea	0.1	7803-51-2	Phosphine	1.0
4549-40-0	N-Nitrosomethylvinylamine	0.1	7723-14-0	Phosphorus (yellow or white)	1.0
59-89-2	N-Nitrosomorpholine	0.1	85-44-9	Phthalic anhydride	1.0
16543-55-8	N-Nitrosornicotine	0.1	1918-02-1	Picloram	1.0
100-75-4	N-Nitrosopiperidine	0.1	88-89-1	Picric acid	1.0
99-55-8	5-Nitro-o-toluidine	1.0	51-03-6	Piperonyl butoxide	1.0
27314-13-2	Norflurazon [4-Chloro-5-(methylamino)-2-[3-(trifluoromethyl)phenyl]-3(2H)-pyridazinone]	1.0	29232-93-7	Pirimiphos methyl [O-(2-(Diethylamino)-6-methyl-4-pyrimidinyl)-O,O-dimethylphosphorothioate]	1.0
2234-13-1	Octachloronaphthalene	1.0	1336-36-3	Polychlorinated biphenyls (PCBs)	*
29082-74-4	Octachlorostyrene	*	7758-01-2	Potassium bromate	0.1
19044-88-3	Oryzalin [4-(Dipropylamino)-3,5-dinitrobenzene sulfonamide]	1.0	128-03-0	Potassium dimethyldithiocarbamate	1.0
20816-12-0	Osmium tetroxide	1.0	137-41-7	Potassium N-methyldithiocarbamate	1.0
301-12-2	Oxydemeton methyl [S-(2-(Ethylsulfinyl)ethyl) O,O-dimethyl ester phosphorothioic acid]	1.0	41198-08-7	Profenofos	1.0
19666-30-9	Oxydiazon [3-[2,4-Dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one]	1.0			
42874-03-3	Oxyfluorfen	1.0			
10028-15-6	Ozone	1.0			
123-63-7	Paraldehyde	1.0			
1910-42-5	Paraquat dichloride	1.0			

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7287-19-6	[O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propyl phosphorothioate] Prometryn	1.0	1982-69-0	Sodium dicamba [3,6-Dichloro-2-methoxybenzoic acid, sodium salt]	1.0
23950-58-5	[N,N'-Bis(1-methylethyl)-6-methylthio-1,3,5-triazine-2,4-diamine] Pronamide	1.0	128-04-1	Sodium dimethyldithiocarbamate	1.0
1918-16-7	Propachlor	1.0	62-74-8	Sodium fluoroacetate	1.0
1120-71-4	[2-Chloro-N-(1-methylethyl)-N-phenylacetamide] Propane sultone	0.1	7632-00-0	Sodium nitrite	1.0
709-98-8	Propanil	1.0	131-52-2	Sodium pentachlorophenate	1.0
2312-35-8	[N-(3,4-Dichlorophenyl)propanamide] Propargite	1.0	132-27-4	Sodium o-phenylphenoxide	0.1
107-19-7	Propargyl alcohol	1.0	100-42-5	Styrene	0.1
31218-83-4	Propetamphos	1.0	96-09-3	Styrene oxide	0.1
60207-90-1	[3-[(Ethylamino)methoxyphosphinothioyl]oxy]-2-butenic acid, 1-methylethyl ester] Propiconazole	1.0	7664-93-9	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1.0
57-57-8	[1-[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]-methyl-1H-1,2,4,-triazole] beta-Propiolactone	0.1	2699-79-8	Sulfuryl fluoride (Vikane)	1.0
123-38-6	Propionaldehyde	1.0	35400-43-2	Sulprofos [O-Ethyl O-[4-(methylthio)phenyl]phosphorodithioic acid S-propylester]	1.0
114-26-1	Propoxur	1.0	34014-18-1	Tebuthiuron [N-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea]	1.0
115-07-1	Propylene (Propene)	1.0	3383-96-8	Temephos	1.0
75-55-8	Propyleneimine		5902-51-2	Terbacil	1.0
75-56-9	Propylene oxide			[5-Chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1H,3H)-pyrimidinedione]	
110-86-1	Pyridine	1.0	79-94-7	Tetrabromobisphenol A	*
91-22-5	Quinoline	1.0	630-20-6	1,1,1,2-Tetrachloroethane	1.0
106-51-4	Quinone	1.0	79-34-5	1,1,2,2-Tetrachloroethane	1.0
82-68-8	Quintozene (Pentachloronitrobenzene)	1.0	127-18-4	Tetrachloroethylene (Perchloroethylene)	0.1
76578-14-8	Quizalofop-ethyl	1.0	354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	1.0
10453-86-8	[2-[4-[(6-Chloro-2-quinoxalinyloxy]phenoxy] propanoic acid ethyl ester] Resmethrin	1.0	354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	1.0
81-07-2	[[5-(Phenylmethyl)-3-furanyl]methyl-2,2-dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylate] Saccharin (only persons who manufacture are subject, no supplier notification)	1.0	961-11-5	Tetrachlorvinphos [Phosphoric acid, 2-chloro-1-(2,4,5-trichlorophenyl) ethenyl dimethyl ester]	1.0
94-59-7	Safrole	0.1	64-75-5	Tetracycline hydrochloride	1.0
7782-49-2	Selenium	1.0	7696-12-0	Tetramethrin [2,2-Dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylic acid (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isindol-2-yl)methyl ester]	1.0
74051-80-2	Sethoxydim	1.0	7440-28-0	Thallium	1.0
7440-22-4	Silver	1.0	148-79-8	Thiabendazole	1.0
122-34-9	Simazine	1.0		[2-(4-Thiazolyl)-1H-benzimidazole]	
26628-22-8	Sodium azide	1.0	62-55-5	Thioacetamide	0.1
			28249-77-6	Thiobencarb [Carbamic acid, diethylthio-, S-(p-chlorobenzyl)ester]	1.0
			139-65-1	4,4'-Thiodianiline	0.1
			59669-26-0	Thiodicarb	1.0
			23564-06-9	Thiophanate ethyl	1.0

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	[[1,2-Phenylenebis(iminocarbothioyl)] biscarbamic acid diethylester]		95-95-4	2,4,5-Trichlorophenol	1.0
23564-05-8	Thiophanate methyl	1.0	88-06-2	2,4,6-Trichlorophenol	0.1
79-19-6	Thiosemicarbazide	1.0	96-18-4	1,2,3-Trichloropropane	0.1
62-56-6	Thiourea	0.1	57213-69-1	Triclopyr triethylammonium salt	1.0
137-26-8	Thiram	1.0	121-44-8	Triethylamine	1.0
1314-20-1	Thorium dioxide	1.0	1582-09-8	Trifluralin	*
7550-45-0	Titanium tetrachloride	1.0		[Benzeneamine, 2,6-dinitro-N,N-dipropyl- 4-(trifluoromethyl)-]	
108-88-3	Toluene		26644-46-2	Triforine	1.0
584-84-9	Toluene-2,4-diisocyanate	0.1		[N,N'-[1,4-Piperazinediylbis-(2,2,2- trichloroethylidene)]bisformamide]	
91-08-7	Toluene-2,6-diisocyanate	0.1	95-63-6	1,2,4-Trimethylbenzene	1.0
26471-62-5	Toluene diisocyanate (mixed isomers)	0.1	2655-15-4	2,3,5-Trimethylphenyl methylcarbamate	1.0
95-53-4	o-Toluidine	0.1	639-58-7	Triphenyltin chloride	1.0
636-21-5	o-Toluidine hydrochloride	0.1	76-87-9	Triphenyltin hydroxide	1.0
8001-35-2	Toxaphene	*	126-72-7	Tris(2,3-dibromopropyl) phosphate	0.1
43121-43-3	Triadimefon	1.0		Trypan blue	0.1
	[1-(4-Chlorophenoxy)-3,3-di-methyl-1-(1H- 1,2,4- triazol-1-yl)-2-butanone]		72-57-1	Urethane (Ethyl carbamate)	0.1
2303-17-5	Triallate	1.0	51-79-6	Vanadium (except when contained in an alloy)	1.0
68-76-8	Triaziquone	1.0	7440-62-2	Vinclozolin	1.0
	[2,5-Cyclohexadiene-1,4-dione, 2,3,5-tris(1- aziridinyl)-]		50471-44-8	[3-(3,5-Dichlorophenyl)-5-ethenyl-5- methyl-2,4-oxazolidinedione]	
101200-48-0	Tribenuron methyl	1.0	108-05-4	Vinyl acetate	0.1
	[2-[[[(4-Methoxy-6-methyl-1,3,5-triazin-2- yl)-methylamino]-carbonyl]amino]sulfonyl] benzoic acid methyl ester)		593-60-2	Vinyl bromide	0.1
1983-10-4	Tributyltin fluoride	1.0	75-01-4	Vinyl chloride	0.1
2155-70-6	Tributyltin methacrylate	1.0	75-35-4	Vinylidene chloride	1.0
78-48-8	S,S,S-Tributyltrithio- phosphate (DEF)	1.0	108-38-3	m-Xylene	1.0
52-68-6	Trichlorfon	1.0	95-47-6	o-Xylene	1.0
	[Phosphoric acid,(2,2,2-trichloro-1-hydroxy- ethyl)-, dimethyl ester]		106-42-3	p-Xylene	1.0
76-02-8	Trichloroacetyl chloride	1.0	1330-20-7	Xylene (mixed isomers)	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	87-62-7	2,6-Xylidine	0.1
71-55-6	1,1,1-Trichloroethane (Methyl chloroform)	1.0	7440-66-6	Zinc (fume or dust)	1.0
79-00-5	1,1,2-Trichloroethane	1.0	12122-67-7	Zineb	1.0
79-01-6	Trichloroethylene			[Carbamodithioic acid, 1,2-ethanediyibis-, zinc complex]	
75-69-4	Trichlorofluoromethane (CFC-11)	1.0			

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b. Individually Listed Toxic Chemicals Arranged by CAS Number			<i>Deminimis</i>		
CAS Number	Chemical Name	Limit	CAS Number	Chemical Name	Limit
			<i>Arranged by CAS Number</i>		
50-00-0	Formaldehyde	0.1	62-75-9	N-Nitrosodimethylamine	0.1
51-03-6	Piperonyl butoxide	1.0	63-25-2	Carbaryl [1-Naphthalenol, methylcarbamate]	1.0
51-21-8	Fluorouracil (5-Fluorouracil)	1.0	64-18-6	Formic acid	1.0
51-28-5	2,4-Dinitrophenol	1.0	64-67-5	Diethyl sulfate	0.1
51-75-2	Nitrogen mustard [2-Chloro-N-(2-chloroethyl)-N-methylethanamine]	0.1	64-75-5	Tetracycline hydrochloride	1.0
51-79-6	Urethane (Ethyl carbamate)	0.1	67-56-1	Methanol	1.0
52-68-6	Trichlorfon [Phosphonic acid, (2,2,2-trichloro-1-hydroxyethyl)-, dimethyl ester]	1.0	67-63-0	Isopropyl alcohol (only persons who manufacture by the strong acid process are subject, no supplier notification)	1.0
52-85-7	Famphur	1.0	67-66-3	Chloroform	0.1
53-96-3	2-Acetylaminofluorene	0.1	67-72-1	Hexachloroethane	0.1
55-18-5	N-Nitrosodiethylamine	0.1	68-12-2	N,N-Dimethylformamide	1.0
55-21-0	Benzamide	1.0	68-76-8	Triaziquone [2,5-Cyclohexadiene-1,4-dione, 2,3,5-tris(1-aziridinyl)-]	1.0
55-38-9	Fenthion [O,O-Dimethyl O-[3-methyl-4-(methylthio)phenyl] ester, phosphorothioic acid]	1.0	70-30-4	Hexachlorophene	1.0
55-63-0	Nitroglycerin	1.0	71-36-3	n-Butyl alcohol	1.0
56-23-5	Carbon tetrachloride	0.1	71-43-2	Benzene	0.1
56-35-9	Bis(tributyltin) oxide	1.0	71-55-6	1,1,1-Trichloroethane (Methyl chloroform)	1.0
56-38-2	Parathion [Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester]	1.0	72-43-5	Methoxychlor [Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-]]	*
57-14-7	1,1-Dimethylhydrazine	0.1	72-57-1	Trypan blue	0.1
57-33-0	Pentobarbital sodium	1.0	74-83-9	Bromomethane (Methyl bromide)	1.0
57-41-0	Phenytoin	0.1	74-85-1	Ethylene	1.0
57-57-8	beta-Propiolactone	0.1	74-87-3	Chloromethane (Methyl chloride)	1.0
57-74-9	Chlordane [4,7-Methanoindan, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-]	*	74-88-4	Methyl iodide	1.0
58-89-9	Lindane [Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1.alpha.,2.alpha.,3.beta.,4.alpha.,5.alpha.,6.beta.)-]	0.1	74-90-8	Hydrogen cyanide	1.0
59-89-2	N-Nitrosomorpholine	0.1	74-95-3	Methylene bromide	1.0
60-09-3	4-Aminoazobenzene	0.1	75-00-3	Chloroethane (Ethyl chloride)	1.0
60-11-7	4-Dimethylaminoazobenzene	0.1	75-01-4	Vinyl chloride	0.1
60-34-4	Methyl hydrazine	1.0	75-05-8	Acetonitrile	1.0
60-35-5	Acetamide	0.1	75-07-0	Acetaldehyde	0.1
60-51-5	Dimethoate	1.0	75-09-2	Dichloromethane (Methylene chloride)	0.1
61-82-5	Amitrole	0.1	75-15-0	Carbon disulfide	1.0
62-53-3	Aniline	1.0	75-21-8	Ethylene oxide	0.1
62-55-5	Thioacetamide	0.1	75-25-2	Bromoform (Tribromomethane)	1.0
62-56-6	Thiourea	0.1	75-27-4	Dichlorobromomethane	0.1
62-73-7	Dichlorvos [Phosphoric acid, 2,2-dichloroethenyl dimethyl ester]	0.1	75-34-3	Ethylidene dichloride	1.0
62-74-8	Sodium fluoroacetate	1.0	75-35-4	Vinylidene chloride	1.0
			75-43-4	Dichlorofluoromethane (HCFC-21)	1.0
			75-44-5	Phosgene	1.0
			75-45-6	Chlorodifluoromethane (HCFC-22)	1.0
			75-55-8	Propyleneimine	0.1
			75-56-9	Propylene oxide	0.1
			75-63-8	Bromotrifluoromethane (Halon 1301)	1.0

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<i>Deminimis</i>			<i>Deminimis</i>		
CAS Number	Chemical Name	Limit	CAS Number	Chemical Name	Limit
<i>Arranged by CAS Number</i>			<i>Arranged by CAS Number</i>		
75-65-0	tert-Butyl alcohol	1.0	84-74-2	Dibutyl phthalate	1.0
75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	1.0	85-01-8	Phenanthrene	1.0
75-69-4	Trichlorofluoromethane (CFC-11)	1.0	85-44-9	Phthalic anhydride	1.0
75-71-8	Dichlorodifluoromethane (CFC-12)	1.0	86-30-6	N-Nitrosodiphenylamine	1.0
75-72-9	Chlorotrifluoromethane (CFC-13)	1.0	87-62-7	2,6-Xylidine	0.1
75-86-5	2-Methylacetonitrile	1.0	87-68-3	Hexachloro-1,3-butadiene	1.0
75-88-7	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1.0	87-86-5	Pentachlorophenol (PCP)	0.1
76-01-7	Pentachloroethane	1.0	88-06-2	2,4,6-Trichlorophenol	0.1
76-02-8	Trichloroacetyl chloride	1.0	88-75-5	2-Nitrophenol	1.0
76-06-2	Chloropicrin	1.0	88-85-7	Dinitrobutyl phenol (Dinoseb)	1.0
76-13-1	Freon 113 [Ethane, 1,1,2-trichloro-1,2,2,-trifluoro-]	1.0	88-89-1	Picric acid	1.0
76-14-2	Dichlorotetrafluoroethane (CFC-114)	1.0	90-04-0	o-Anisidine	0.1
76-15-3	Monochloropentafluoroethane (CFC-115)	1.0	90-43-7	2-Phenylphenol	1.0
76-44-8	Heptachlor [1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a- tetrahydro-4,7-methano-1H-indene]	*	90-94-8	Michler's ketone	0.1
76-87-9	Triphenyltin hydroxide	1.0	91-08-7	Toluene-2,6-diisocyanate	0.1
77-47-4	Hexachlorocyclopentadiene	1.0	91-20-3	Naphthalene	0.1
77-73-6	Dicyclopentadiene	1.0	91-22-5	Quinoline	1.0
77-78-1	Dimethyl sulfate	0.1	91-59-8	beta-Naphthylamine	0.1
78-48-8	S,S,S-Tributyltrithiophosphate (DEF)	1.0	91-94-1	3,3'-Dichlorobenzidine	0.1
78-84-2	Isobutyraldehyde	1.0	92-52-4	Biphenyl	1.0
78-87-5	1,2-Dichloropropane	1.0	92-67-1	4-Aminobiphenyl	0.1
78-88-6	2,3-Dichloropropene	1.0	92-87-5	Benzidine	0.1
78-92-2	sec-Butyl alcohol	1.0	92-93-3	4-Nitrobiphenyl	0.1
79-00-5	1,1,2-Trichloroethane	1.0	93-65-2	Mecoprop	0.1
79-01-6	Trichloroethylene	0.1	94-11-1	2,4-D isopropyl ester	0.1
79-06-1	Acrylamide	0.1	94-36-0	Benzoyl peroxide	1.0
79-10-7	Acrylic acid	1.0	94-58-6	Dihydrosafrole	0.1
79-11-8	Chloroacetic acid	1.0	94-59-7	Safrole	0.1
79-19-6	Thiosemicarbazide	1.0	94-74-6	Methoxone ((4-Chloro-2-methylphenoxy) acetic acid) (MCPA)	0.1
79-21-0	Peracetic acid	1.0	94-75-7	2,4-D [Acetic acid, (2,4- dichlorophenoxy)-]	0.1
79-22-1	Methyl chlorocarbonate	1.0	94-80-4	2,4-D butyl ester	0.1
79-34-5	1,1,2,2-Tetrachloroethane	1.0	94-82-6	2,4-DB	1.0
79-44-7	Dimethylcarbaryl chloride	0.1	95-47-6	o-Xylene	1.0
79-46-9	2-Nitropropane	0.1	95-48-7	o-Cresol	1.0
79-94-7	Tetrabromobisphenol A	*	95-50-1	1,2-Dichlorobenzene	1.0
80-05-7	4,4'-Isopropylidenediphenol	1.0	95-53-4	o-Toluidine	0.1
80-15-9	Cumene hydroperoxide	1.0	95-54-5	1,2-Phenylenediamine	1.0
80-62-6	Methyl methacrylate	1.0	95-63-6	1,2,4-Trimethylbenzene	1.0
81-07-2	Saccharin (only persons who manufacture are subject, no supplier notification)	1.0	95-69-2	p-Chloro-o-toluidine	0.1
81-88-9	C.I. Food Red 15	1.0	95-80-7	2,4-Diaminotoluene	0.1
82-28-0	1-Amino-2-methylantraquinone	0.1	95-95-4	2,4,5-Trichlorophenol	1.0
82-68-8	Quintozene [Pentachloronitrobenzene]	1.0	96-09-3	Styrene oxide	0.1
			96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.1
			96-18-4	1,2,3-Trichloropropane	0.1
			96-33-3	Methyl acrylate	1.0
			96-45-7	Ethylene thiourea	0.1
			97-23-4	Dichlorophene [2,2'-Methylenebis(4-chlorophenol)]	1.0
			97-56-3	C.I. Solvent Yellow 3	0.1
			98-07-7	Benzoic trichloride	0.1

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<i>Deminimis</i>			<i>Deminimis</i>		
CAS Number	Chemical Name	Limit	CAS Number	Chemical Name	Limit
<i>Arranged by CAS Number</i>			<i>Arranged by CAS Number</i>		
	(Benzotrichloride)		108-31-6	Maleic anhydride	1.0
98-82-8	Cumene	1.0	108-38-3	m-Xylene	1.0
98-86-2	Acetophenone	1.0	108-39-4	m-Cresol	1.0
98-87-3	Benzal chloride	1.0	108-45-2	1,3-Phenylenediamine	1.0
98-88-4	Benzoyl chloride	1.0	108-60-1	Bis(2-chloro-1-methylethyl) ether	1.0
98-95-3	Nitrobenzene	0.1	108-88-3	Toluene	1.0
99-30-9	Dichloran [2,6-Dichloro-4-nitroaniline]	1.0	108-90-7	Chlorobenzene	1.0
99-55-8	5-Nitro-o-toluidine	1.0	108-93-0	Cyclohexanol	1.0
99-59-2	5-Nitro-o-anisidine	1.0	108-95-2	Phenol	1.0
99-65-0	m-Dinitrobenzene	1.0	109-06-8	2-Methylpyridine	1.0
100-01-6	p-Nitroaniline	1.0	109-77-3	Malononitrile	1.0
100-02-7	4-Nitrophenol	1.0	109-86-4	2-Methoxyethanol	1.0
100-25-4	p-Dinitrobenzene	1.0	110-54-3	n-Hexane	1.0
100-41-4	Ethylbenzene	0.1	110-57-6	trans-1,4-Dichloro-2-butene	1.0
100-42-5	Styrene	0.1	110-80-5	2-Ethoxyethanol	1.0
100-44-7	Benzyl chloride	1.0	110-82-7	Cyclohexane	1.0
100-75-4	N-Nitrosopiperidine	0.1	110-86-1	Pyridine	1.0
101-05-3	Anilazine	1.0	111-42-2	Diethanolamine	1.0
	[4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine]		111-44-4	Bis(2-chloroethyl) ether	1.0
101-14-4	4,4'-Methylenebis(2-chloroaniline) (MBOCA)	0.1	111-91-1	Bis(2-chloroethoxy) methane	1.0
101-61-1	4,4'-Methylenebis(N,N-dimethyl)benzenamine	0.1	114-26-1	Propoxur	1.0
101-77-9	4,4'-Methylenedianiline	0.1		[Phenol, 2-(1-methylethoxy)-, methylcarbamate]	
101-80-4	4,4'-Diaminodiphenyl ether	0.1	115-07-1	Propylene (Propene)	1.0
101-90-6	Diglycidyl resorcinol ether	0.1	115-28-6	Chlorendic acid	0.1
104-12-1	p-Chlorophenyl isocyanate	1.0	115-32-2	Dicofol	1.0
104-94-9	p-Anisidine	1.0		[Benzenemethanol, 4-chloro-.alpha.-4-(chlorophenyl)-.alpha.-(trichloromethyl)-]	
105-67-9	2,4-Dimethylphenol	1.0	116-06-3	Aldicarb	1.0
106-42-3	p-Xylene	1.0	117-79-3	2-Aminoanthraquinone	0.1
106-44-5	p-Cresol	1.0	117-81-7	Di(2-ethylhexyl) phthalate	0.1
106-46-7	1,4-Dichlorobenzene	0.1	118-74-1	Hexachlorobenzene	*
106-47-8	p-Chloroaniline	0.1	119-90-4	3,3'-Dimethoxybenzidine	0.1
106-50-3	p-Phenylenediamine	1.0	119-93-7	3,3'-Dimethylbenzidine (o-Tolidine)	0.1
106-51-4	Quinone	1.0	120-12-7	Anthracene	1.0
106-88-7	1,2-Butylene oxide	0.1	120-36-5	2,4-DP	0.1
106-89-8	Epichlorohydrin	0.1	120-58-1	Isosafrole	1.0
106-93-4	1,2-Dibromoethane (Ethylene dibromide)	0.1	120-71-8	p-Cresidine	0.1
106-99-0	1,3-Butadiene	0.1	120-80-9	Catechol	0.1
107-02-8	Acrolein	1.0	120-82-1	1,2,4-Trichlorobenzene	1.0
107-05-1	Allyl chloride	1.0	120-83-2	2,4-Dichlorophenol	1.0
107-06-2	1,2-Dichloroethane (Ethylene dichloride)	0.1	121-14-2	2,4-Dinitrotoluene	0.1
107-11-9	Allylamine	1.0	121-44-8	Triethylamine	1.0
107-13-1	Acrylonitrile	0.1	121-69-7	N,N-Dimethylaniline	1.0
107-18-6	Allyl alcohol	1.0	121-75-5	Malathion	1.0
107-19-7	Propargyl alcohol	1.0	122-34-9	Simazine	1.0
107-21-1	Ethylene glycol	1.0	122-39-4	Diphenylamine	1.0
107-30-2	Chloromethyl methyl ether	0.1	122-66-7	1,2-Diphenylhydrazine (Hydrazobenzene)	0.1
108-05-4	Vinyl acetate	0.1	123-31-9	Hydroquinone	1.0
108-10-1	Methyl isobutyl ketone	1.0	123-38-6	Propionaldehyde	1.0
			123-63-7	Paraldehyde	1.0
			123-72-8	Butyraldehyde	1.0

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CAS Number	Chemical Name	Limit	CAS Number	Chemical Name	Limit
<i>Arranged by CAS Number</i>			<i>Arranged by CAS Number</i>		
123-91-1	1,4-Dioxane	0.1	301-12-2	Oxydemeton methyl	1.0
124-40-3	Dimethylamine	1.0		[S-(2-(Ethylsulfanyl)ethyl) O,O-dimethyl ester phosphorothioic acid]	
124-73-2	Dibromotetrafluoroethane (Halon 2402)	1.0	302-01-2	Hydrazine	0.1
126-72-7	Tris(2,3-dibromopropyl) phosphate	0.1	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1.0
126-98-7	Methacrylonitrile	1.0	309-00-2	Aldrin	*
126-99-8	Chloroprene	0.1		[1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1.alpha.,4.alpha.,4a.beta.,5.alpha.,8.alpha.,8a.beta.)-]	
127-18-4	Tetrachloroethylene (Perchloroethylene)	0.1	314-40-9	Bromacil	1.0
128-03-0	Potassium dimethyldithiocarbamate	1.0		(5-Bromo-6-methyl-3-(1-methylpropyl)-2,4(1H,3H)-pyrimidinedione)	
128-04-1	Sodium dimethyldithiocarbamate	1.0	319-84-6	alpha-Hexachlorocyclohexane	0.1
128-66-5	C.I. Vat Yellow 4	1.0	330-54-1	Diuron	1.0
131-11-3	Dimethyl phthalate	1.0	330-55-2	Linuron	1.0
131-52-2	Sodium pentachlorophenate	1.0	333-41-5	Diazinon	1.0
132-27-4	Sodium o-phenylphenoxide	0.1	334-88-3	Diazomethane	1.0
132-64-9	Dibenzofuran	1.0	353-59-3	Bromochlorodifluoromethane (Halon 1211)	1.0
133-06-2	Captan	1.0		[1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-]	
	[1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-]		354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	1.0
133-07-3	Folpet	1.0	354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	1.0
133-90-4	Chloramben	1.0		[Benzoic acid, 3-amino-2,5-dichloro-]	
	[Benzoic acid, 3-amino-2,5-dichloro-]		354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	1.0
134-29-2	o-Anisidine hydrochloride	0.1	354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	1.0
134-32-7	alpha-Naphthylamine	0.1	357-57-3	Brucine	1.0
135-20-6	Cupferron	0.1	422-44-6	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	1.0
	[Benzeneamine, N-hydroxy-N-nitroso, ammonium salt]		422-48-0	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	1.0
136-45-8	Dipropyl isocinchomeronate	1.0	422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	1.0
137-26-8	Thiram	1.0	431-86-7	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	1.0
137-41-7	Potassium N-methyldithiocarbamate	1.0	460-35-5	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	1.0
137-42-8	Metham sodium (Sodium methyldithiocarbamate)	1.0	463-58-1	Carbonyl sulfide	1.0
138-93-2	Disodium cyanodithioimidocarbonate	1.0	465-73-6	Isodrin	*
139-13-9	Nitrilotriacetic acid	0.1	492-80-8	C.I. Solvent Yellow 34 (Auramine)	0.1
139-65-1	4,4'-Thiodianiline	0.1		Mustard gas	0.1
140-88-5	Ethyl acrylate	0.1		[Ethane, 1,1'-thiobis[2-chloro-]]	
141-32-2	Butyl acrylate	1.0	505-60-2	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	1.0
142-59-6	Nabam	1.0	510-15-6	Chlorobenzilate	1.0
148-79-8	Thiabendazole	1.0		[Benzeneacetic acid, 4-chloro-.alpha.-(4-chlorophenyl)-.alpha.-hydroxy-, ethyl ester]	
	[2-(4-Thiazolyl)-1H-benzimidazole]		528-29-0	o-Dinitrobenzene	1.0
149-30-4	2-Mercaptobenzothiazole (MBT)	1.0	532-27-4	2-Chloroacetophenone	1.0
150-50-5	Merphos	1.0	533-74-4	Dazomet	1.0
150-68-5	Monuron	1.0			
151-56-4	Ethyleneimine (Aziridine)	0.1			
156-10-5	p-Nitrosodiphenylamine	1.0			
156-62-7	Calcium cyanamide	1.0			
191-24-2	Benzo(g,h,i)perylene	*			
298-00-0	Methyl parathion	1.0			
300-76-5	Naled	1.0			

Table II, EPCRA Section 313 Chemical List – RY2007

<i>Deminimis</i>			<i>Deminimis</i>		
CAS Number	Chemical Name	Limit	CAS Number	Chemical Name	Limit
<i>Arranged by CAS Number</i>			<i>Arranged by CAS Number</i>		
	(Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione)			[Phosphoric acid, 2-chloro-1-(2,4,5-trichlorophenyl)ethenyldimethyl ester]	
534-52-1	4,6-Dinitro-o-cresol	1.0	989-38-8	C.I. Basic Red 1	1.0
540-59-0	1,2-Dichloroethylene	1.0	1114-71-2	Pebulate	1.0
541-41-3	Ethyl chloroformate	1.0		[Butylethylcarbamothioic acid S-propyl ester]	
541-53-7	2,4-Dithiobiuret	1.0	1120-71-4	Propane sultone	0.1
541-73-1	1,3-Dichlorobenzene	1.0	1134-23-2	Cycloate	1.0
542-75-6	1,3-Dichloropropylene	0.1	1163-19-5	Decabromodiphenyl oxide	1.0
542-76-7	3-Chloropropionitrile	1.0	1313-27-5	Molybdenum trioxide	1.0
542-88-1	Bis(chloromethyl) ether	0.1	1314-20-1	Thorium dioxide	1.0
554-13-2	Lithium carbonate	1.0	1319-77-3	Cresol (mixed isomers)	1.0
556-61-6	Methyl isothiocyanate	1.0	1320-18-9	2,4-D propylene glycol butyl ether ester	0.1
	[Isothiocyanatomethane]				
563-47-3	3-Chloro-2-methyl-1-propene	0.1	1330-20-7	Xylene (mixed isomers)	1.0
569-64-2	C.I. Basic Green 4	1.0	1332-21-4	Asbestos (friable)	0.1
584-84-9	Toluene-2,4-diisocyanate	0.1	1335-87-1	Hexachloronaphthalene	1.0
593-60-2	Vinyl bromide	0.1	1336-36-3	Polychlorinated biphenyls (PCBs)	*
594-42-3	Perchloromethyl mercaptan	1.0	1344-28-1	Aluminum oxide (fibrous forms)	1.0
606-20-2	2,6-Dinitrotoluene	0.1	1464-53-5	Diepoxybutane	0.1
608-93-5	Pentachlorobenzene	*	1563-66-2	Carbofuran	1.0
612-82-8	3,3'-Dimethylbenzidine dihydrochloride (o-Tolidine dihydrochloride)	0.1	1582-09-8	Trifluralin	*
				[Benzeneamine, 2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-]	
612-83-9	3,3'-Dichlorobenzidine dihydrochloride	0.1	1634-04-4	Methyl tert-butyl ether	1.0
615-05-4	2,4-Diaminoanisole	0.1	1649-08-7	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1.0
615-28-1	1,2-Phenylenediamine dihydrochloride	1.0	1689-84-5	Bromoxynil	1.0
621-64-7	N-Nitrosodi-n-propylamine	0.1		(3,5-Dibromo-4-hydroxybenzonitrile)	
624-18-0	1,4-Phenylenediamine dihydrochloride	1.0	1689-99-2	Bromoxynil octanoate	1.0
				(Octanoic acid, 2,6-dibromo-4-cyanophenyl ester)	
624-83-9	Methyl isocyanate	1.0	1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1.0
630-20-6	1,1,1,2-Tetrachloroethane	1.0	1836-75-5	Nitrofen	0.1
636-21-5	o-Toluidine hydrochloride	0.1		[Benzene, 2,4-dichloro-1-(4-nitrophenoxy)-]	
639-58-7	Triphenyltin chloride	1.0	1861-40-1	Benfluralin	1.0
680-31-9	Hexamethylphosphoramide	0.1		(N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine)	
684-93-5	N-Nitroso-N-methylurea	0.1	1897-45-6	Chlorothalonil	0.1
709-98-8	Propanil (N-(3,4-Dichlorophenyl) propanamide)	1.0		[1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-]	
759-73-9	N-Nitroso-N-ethylurea	0.1	1910-42-5	Paraquat dichloride	1.0
759-94-4	Ethyl dipropylthiocarbamate (EPTC)	1.0	1912-24-9	Atrazine	1.0
				(6-Chloro-N-ethyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine)	
764-41-0	1,4-Dichloro-2-butene	1.0	1918-00-9	Dicamba	1.0
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1.0		(3,6-Dichloro-2-methoxybenzoic acid)	
834-12-8	Ametryn	1.0	1918-02-1	Picloram	1.0
	(N-Ethyl-N'-(1-methylethyl)-6-(methylthio)-1,3,5,-triazine-2,4-diamine)		1918-16-7	Propachlor	1.0
842-07-9	C.I. Solvent Yellow 14	1.0		[2-Chloro-N-(1-methylethyl)-N-phenylacetamide]	
872-50-4	N-Methyl-2-pyrrolidone	1.0	1928-43-4	2,4-D 2-ethylhexyl ester	0.1
924-16-3	N-Nitrosodi-n-butylamine	0.1	1929-73-3	2,4-D butoxyethyl ester	0.1
924-42-5	N-Methylolacrylamide	1.0			
957-51-7	Diphenamid	1.0			
961-11-5	Tetrachlorvinphos	1.0			

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<i>Deminimis</i>			<i>Deminimis</i>		
CAS Number	Chemical Name	Limit	CAS Number	Chemical Name	Limit
<i>Arranged by CAS Number</i>			<i>Arranged by CAS Number</i>		
1929-82-4	Nitrapyrin (2-Chloro-6-(trichloromethyl)pyridine)	1.0	5598-13-0	Chlorpyrifos methyl [O,O-Dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate]	1.0
1937-37-7	C.I. Direct Black 38	0.1	5902-51-2	Terbacil [5-Chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1H,3H)-pyrimidinedione]	1.0
1982-69-0	Sodium dicamba [3,6-Dichloro-2-methoxybenzoic acid, sodium salt]	1.0	6459-94-5	C.I. Acid Red 114	0.1
1983-10-4	Tributyltin fluoride	1.0	7287-19-6	Prometryn [N,N'-Bis(1-methylethyl)-6-methylthio-1,3,5-triazine-2,4-diamine]	1.0
2032-65-7	Methiocarb	1.0	7429-90-5	Aluminum (fume or dust)	1.0
2155-70-6	Tributyltin methacrylate	1.0	7439-92-1	Lead (when lead is contained in stainless steel, brass or bronze alloys the <i>de minimis</i> level is 0.1)	*
2164-07-0	Dipotassium endothall [7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dipotassium salt]	1.0	7439-96-5	Manganese	1.0
2164-17-2	Fluometuron [Urea, N,N-dimethyl-N'-[3-(trifluoromethyl)phenyl]-]	1.0	7439-97-6	Mercury	*
2212-67-1	Molinate (1H-Azepine-1-carbothioic acid, hexahydro-S-ethyl ester)	1.0	7440-02-0	Nickel	0.1
2234-13-1	Octachloronaphthalene	1.0	7440-22-4	Silver	1.0
2300-66-5	Dimethylamine dicamba	1.0	7440-28-0	Thallium	1.0
2303-16-4	Diallate [Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl) ester]	1.0	7440-36-0	Antimony	1.0
2303-17-5	Triallate	1.0	7440-38-2	Arsenic	0.1
2312-35-8	Propargite	1.0	7440-39-3	Barium	1.0
2439-01-2	Chinomethionat [6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one]	1.0	7440-41-7	Beryllium	0.1
2439-10-3	Dodine [Dodecylguanidine monoacetate]	1.0	7440-43-9	Cadmium	0.1
2524-03-0	Dimethyl chlorothiophosphate	1.0	7440-47-3	Chromium	1.0
2602-46-2	C.I. Direct Blue 6	0.1	7440-48-4	Cobalt	0.1
2655-15-4	2,3,5-Trimethylphenyl methyl carbamate	1.0	7440-50-8	Copper	1.0
2699-79-8	Sulfuryl fluoride (Vikane)	1.0	7440-62-2	Vanadium (except when contained in an alloy)	1.0
2702-72-9	2,4-D sodium salt	0.1	7440-66-6	Zinc (fume or dust)	1.0
2832-40-8	C.I. Disperse Yellow 3	1.0	7550-45-0	Titanium tetrachloride	1.0
2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	1.0	7632-00-0	Sodium nitrite	1.0
2971-38-2	2,4-D Chlorocrotyl ester	0.1	7637-07-2	Boron trifluoride	1.0
3118-97-6	C.I. Solvent Orange 7	1.0	7647-01-0	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1.0
3383-96-8	Temephos	1.0	7664-39-3	Hydrogen fluoride	1.0
3653-48-3	Methoxone sodium salt ((4-Chloro-2-methylphenoxy) acetate sodium salt)	0.1	7664-41-7	Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	1.0
3761-53-3	C.I. Food Red 5	0.1	7664-93-9	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1.0
4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1.0	7696-12-0	Tetramethrin [2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)methyl ester]	1.0
4170-30-3	Crotonaldehyde	1.0			
4549-40-0	N-Nitrosomethylvinylamine	0.1			
4680-78-8	C.I. Acid Green 3	1.0			
5234-68-4	Carboxin (5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)	1.0			

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<i>Deminimis</i>			<i>Deminimis</i>		
CAS Number	Chemical Name	Limit	CAS Number	Chemical Name	Limit
<i>Arranged by CAS Number</i>			<i>Arranged by CAS Number</i>		
7697-37-2	Nitric acid	1.0		[2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione]	
7723-14-0	Phosphorus (yellow or white)	1.0	20816-12-0	Osmium tetroxide	1.0
7726-95-6	Bromine	1.0	20859-73-8	Aluminum phosphide	1.0
7758-01-2	Potassium bromate	0.1	21087-64-9	Metribuzin	1.0
7782-41-4	Fluorine	1.0	21725-46-2	Cyanazine	1.0
7782-49-2	Selenium	1.0	22781-23-3	Bendiocarb	1.0
7782-50-5	Chlorine	1.0		[2,2-Dimethyl-1,3-benzodioxol-4-ol methylcarbamate]	
7786-34-7	Mevinphos	1.0	23564-05-8	Thiophanate methyl	1.0
7803-51-2	Phosphine	1.0	23564-06-9	Thiophanate ethyl	1.0
8001-35-2	Toxaphene	*		[[1,2-Phenylenebis(iminocarbonothioyl)]biscarbamic acid diethyl ester]	
8001-58-9	Creosote	0.1	23950-58-5	Pronamide	1.0
9006-42-2	Metiram	1.0	25311-71-1	Isofenphos	1.0
10028-15-6	Ozone	1.0		[2-[[Ethoxyl[(1-methylethyl)-amino]phosphinothioyl]oxy]benzoic acid 1-methylethyl ester]	
10034-93-2	Hydrazine sulfate	0.1	25321-14-6	Dinitrotoluene (mixed isomers)	1.0
10049-04-4	Chlorine dioxide	1.0	25321-22-6	Dichlorobenzene (mixed isomers)	0.1
10061-02-6	trans-1,3-Dichloropropene	0.1	25376-45-8	Diaminotoluene (mixed isomers)	0.1
10294-34-5	Boron trichloride	1.0	26002-80-2	Phenothrin	1.0
10453-86-8	Resmethrin	1.0		[2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (3-phenoxyphenyl)methyl ester]	
	[[5-(Phenylmethyl)-3-furanyl]methyl-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate]]	2.2	25321-14-6	Dinitrotoluene (mixed isomers)	1.0
12122-67-7	Zineb	1.0	25321-22-6	Dichlorobenzene (mixed isomers)	0.1
	[Carbamodithioic acid, 1,2-ethanediybis-, zinc complex]		25376-45-8	Diaminotoluene (mixed isomers)	0.1
12427-38-2	Maneb	1.0	26002-80-2	Phenothrin	1.0
	[Carbamodithioic acid, 1,2-ethanediybis-, manganese complex]		26471-62-5	Toluene diisocyanate (mixed isomers)	0.1
13194-48-4	Ethoprop	1.0	26628-22-8	Sodium azide	1.0
	[Phosphorodithioic acid O-ethyl S,S-dipropyl ester]		26644-46-2	Triforine	1.0
13356-08-6	Fenbutatin oxide	1.0		[N,N'-[1,4-Piperazinediybis(2,2,2-trichloroethylidene)]bisformamide]	
	(Hexakis(2-methyl-2-phenylpropyl)distannoxane)		27314-13-2	Norflurazon	1.0
13463-40-6	Iron pentacarbonyl	1.0		[4-Chloro-5-(methylamino)-2-[3-(trifluoromethyl)phenyl]-3(2H)-pyridazinone]	
13474-88-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1.0	28057-48-9	d-trans-Allethrin	1.0
13684-56-5	Desmedipham	1.0		[d-trans-Chrysanthemic acid of d-allethrine]	
14484-64-1	Ferbam	1.0	28249-77-6	Thiobencarb	1.0
	[Tris(dimethylcarbamodithioato-S,S')iron]			[Carbamic acid, diethylthio-, S-(p-chlorobenzyl)ester]	
15972-60-8	Alachlor	1.0	28407-37-6	C.I. Direct Blue 218	1.0
16071-86-6	C.I. Direct Brown 95	0.1	29082-74-4	Octachlorostyrene	*
16543-55-8	N-Nitrosornicotine	0.1	29232-93-7	Pirimiphos methyl	1.0
17804-35-2	Benomyl	1.0		[O-(2-(Diethylamino)-6-methyl-4-pyrimidinyl)-O,O-dimethylphosphorothioate]	
19044-88-3	Oryzalin	1.0	30560-19-1	Acephate	1.0
	[4-(Dipropylamino)-3,5-dinitrobenzenesulfonamide]			(Acetylphosphoramidothioic acid O,S-dimethyl ester)	
19666-30-9	Oxydiazon	1.0	31218-83-4	Propetamphos	1.0
	[3-[2,4-Dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one]			[3-[(Ethylamino)methoxyphosphinothioyl]oxy]-2-butenic acid, 1-methylethyl ester]	
20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride (o-Dianisidine dihydrochloride)	0.1	33089-61-1	Amitraz	1.0
20354-26-1	Methazole	1.0			

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CAS Number	<i>Deminimis</i> Chemical Name	Limit	CAS Number	<i>Deminimis</i> Chemical Name	Limit
<i>Arranged by CAS Number</i>			<i>Arranged by CAS Number</i>		
34014-18-1	Tebuthiuron [N-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea]	1.0	55290-64-7	thiadiazine-2-thione, ion(1-), sodium] Dimethipin [2,3-Dihydro-5,6-dimethyl-1,4-dithiin 1,1,4,4-tetraoxide]	1.0
34077-87-7	Dichlorotrifluoroethane	1.0	55406-53-6	3-Iodo-2-propynyl butyl carbamate	1.0
35367-38-5	Diflubenzuron	1.0	57213-69-1	Triclopyr triethylammonium salt	1.0
35400-43-2	Sulprofos [O-Ethyl O-[4-(methylthio)phenyl]-phosphorodithioic acid S-propyl ester]	1.0	59669-26-0	Thiodicarb	1.0
35554-44-0	Imazalil [1-[2-(2,4-Dichlorophenyl)-2-(2-propenyloxy)ethyl]-1H-imidazole]	1.0	60168-88-9	Fenarimol [.alpha.-(2-Chlorophenyl)-.alpha.-(4-chlorophenyl)-5-pyrimidinemethanol]	1.0
35691-65-7	1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	1.0	60207-90-1	Propiconazole [1-[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]-methyl-1H-1,2,4-triazole]	1.0
38727-55-8	Diethatyl ethyl	1.0	62476-59-9	Acifluorfen, sodium salt [5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoic acid, sodium salt]	1.0
39156-41-7	2,4-Diaminoanisole sulfate	0.1	63938-10-3	Chlorotetrafluoroethane	1.0
39300-45-3	Dinocap	1.0	64902-72-3	Chlorsulfuron [2-Chloro-N-[[4-methoxy-6-methyl-1,3,5-triazin-2-yl]amino] carbonyl] benzenesulfonamide]	1.0
39515-41-8	Fenpropathrin [2,2,3,3-Tetramethylcyclopropane carboxylic acid cyano(3-phenoxyphenyl)methyl ester]	1.0	64969-34-2	3,3'-Dichlorobenzidine sulfate	0.1
40487-42-1	Pendimethalin [N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine]	*	66441-23-4	Fenoxaprop ethyl [2-(4-((6-Chloro-2-benzoxazolylen)oxy)phenoxy)propanoic acid, ethyl ester]	1.0
41198-08-7	Profenofos [O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propyl phosphorothioate]	1.0	67485-29-4	Hydramethylnon [Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone[3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone]	1.0
41766-75-0	3,3'-Dimethylbenzidine dihydrofluoride (o-Tolidinedihydrofluoride)	0.1	68085-85-8	Cyhalothrin [3-(2-Chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylic acid cyano(3-phenoxyphenyl) methyl ester]	1.0
42874-03-3	Oxyfluorfen	1.0	68359-37-5	Cyfluthrin [3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, cyano(4-fluoro-3-phenoxyphenyl) methyl ester]	1.0
43121-43-3	Triadimefon [1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone]	1.0	69409-94-5	Fluvalinate [N-[2-Chloro-4-(trifluoromethyl)phenyl]DL-valine(+)-cyano(3-phenoxyphenyl)methyl ester]	1.0
50471-44-8	Vinclozolin [3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione]	1.0	69806-50-4	Fluazifop butyl [2-[4-[[5-(Trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoic acid, butyl ester]	1.0
51235-04-2	Hexazinone	1.0	71751-41-2	Abamectin [Avermectin B1]	1.0
51338-27-3	Diclofop methyl [2-[4-(2,4-Dichlorophenoxy)-phenoxy]propanoic acid, methyl ester]	1.0	72178-02-0	Fomesafen [5-(2-Chloro-4-(trifluoromethyl)phenoxy)-N-methylsulfonyl]-2-nitrobenzamide]	1.0
51630-58-1	Fenvalerate [4-Chloro-alpha-(1-methylethyl)-benzeneacetic acid cyano(3-phenoxyphenyl)methyl ester]	1.0	72490-01-8	Fenoxycarb	1.0
52645-53-1	Permethrin [3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid, (3-phenoxyphenyl)methyl ester]	1.0			
53404-19-6	Bromacil, lithium salt [2,4(1H,3H)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl), lithium salt]	1.0			
53404-37-8	2,4-D 2-ethyl-4-methylpentyl ester	0.1			
53404-60-7	Dazomet, sodium salt [Tetrahydro-3,5-dimethyl-2H-1,3,5-	1.0			

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CAS Number	<i>De minimis</i> Chemical Name	Limit
<i>Arranged by CAS Number</i>		
74051-80-2	[[2-(4-Phenoxy phenoxy)ethyl]carbamic acid ethyl ester] Sethoxydim	1.0
76578-14-8	[2-[1-(Ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxyl-2-cyclohexen-1-one]	1.0
77501-63-4	Quizalofop-ethyl [2-[4-[(6-Chloro-2-quinoxalinyloxy]phenoxy]propanoic acid ethyl ester]	1.0
82657-04-3	Lactofen [Benzoic acid, 5-[2-Chloro-4-(trifluoromethyl)phenoxy]-2-nitro-, 2-ethoxy-1-methyl-2-oxoethyl ester]	1.0
88671-89-0	Bifenthrin	1.0
90454-18-5	Myclobutanil	1.0
90982-32-4	[.alpha.-Butyl-.alpha.-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile]	1.0
	Dichloro-1,1,2-trifluoroethane	1.0
	Chlorimuron ethyl	1.0
	[Ethyl-2-[[[(4-chloro-6-methoxyprimidin-2-yl)amino]carbonyl]amino]sulfonyl]benzoate]	1.0
101200-48-0	Tribenuron methyl	1.0
	[2-[[[(4-Methoxy-6-methyl-1,3,5-triazin-2-yl)methylamino]carbonyl]amino]sulfonyl]benzoic acid methyl ester]	1.0
111512-56-2	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1.0
111984-09-9	3,3'-Dimethoxybenzidine hydrochloride (o-Dianisidine hydrochloride)	0.1
127564-92-5	Dichloropentafluoropropane	1.0
128903-21-9	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	1.0
136013-79-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1.0

definition of an OSHA carcinogen in which case the 0.1% *de minimis* concentration applies. The *de minimis* concentration for each category is provided in parentheses. The *de minimis* exemption is not available for PBT chemicals, therefore an asterisk appears where a *de minimis* limit would otherwise appear. However, for purposes of the supplier notification requirement only, such limits are provided in Appendix D.

N010 Antimony Compounds (1.0)
Includes any unique chemical substance that contains antimony as part of that chemical's infrastructure.

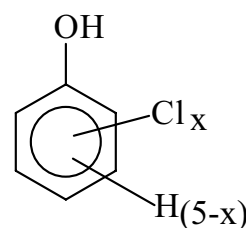
N020 Arsenic Compounds (inorganic compounds: 0.1; organic compounds: 1.0)
Includes any unique chemical substance that contains arsenic as part of that chemical's infrastructure.

N040 Barium Compounds (1.0)
Includes any unique chemical substance that contains barium as part of that chemical's infrastructure. This category does not include: Barium sulfate CAS Number 7727-43-7

N050 Beryllium Compounds (0.1)
Includes any unique chemical substance that contains beryllium as part of that chemical's infrastructure.

N078 Cadmium Compounds (0.1)
Includes any unique chemical substance that contains cadmium as part of that chemical's infrastructure.

N084 Chlorophenols (0.1)



Where $x = 1$ to 5

c. Chemical Categories

Section 313 requires reporting on the EPCRA Section 313 chemical categories listed below, in addition to the specific EPCRA Section 313 chemicals listed above.

The metal compound categories listed below, unless otherwise specified, are defined as including any unique chemical substance that contains the named metal (e.g., antimony, nickel, etc.) as part of that chemical's structure.

EPCRA Section 313 chemical categories are subject to the 1% *de minimis* concentration unless the substance involved meets the

N090 Chromium Compounds (except for chromite ore mined in the Transvaal Region of South Africa and the unreacted ore component of the chromite ore processing residue (COPR). COPR is the solid waste remaining after aqueous extraction of oxidized chromite ore that has been combined with soda ash and kiln roasted at approximately 2,000 deg.F.)

(chromium VI compounds: 0.1; chromium III compounds: 1.0)

Includes any unique chemical substance that contains chromium as part of that chemical's

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infrastructure.

15646-96-5

2,4,4-Trimethylhexamethylene diisocyanate

N096 Cobalt Compounds (inorganic compounds: 0.1; organic compounds: 1.0)
Includes any unique chemical substance that contains cobalt as part of that chemical's infrastructure.

N100 Copper Compounds (1.0)
Includes any unique chemical substance that contains copper as part of that chemical's infrastructure. This category does not include copper phthalocyanine compounds that are substituted with only hydrogen, and/or chlorine, and/or bromine.

N106 Cyanide Compounds (1.0)
 X^+CN^- where $X = H^+$ or any other group where a formal dissociation can be made. For example KCN or $Ca(CN)_2$.

N120 Diisocyanates (1.0)
This category includes only those chemicals listed below.

38661-72-2	1,3-Bis(methylisocyanate) - cyclohexane
10347-54-3	1,4-Bis(methylisocyanate)- cyclohexane
2556-36-7	1,4-Cyclohexane diisocyanate
134190-37-7	Diethyldiisocyanatobenzene
4128-73-8	4,4'-Diisocyanatodiphenyl ether
75790-87-3	2,4'-Diisocyanatodiphenyl sulfide
91-93-0	3,3'-Dimethoxybenzidine-4,4'-diisocyanate
91-97-4	3,3'-Dimethyl-4,4'-diphenylene diisocyanate
139-25-3	3,3'-Dimethyldiphenyl methane-4,4'-diisocyanate
822-06-0	Hexamethylene-1,6-diisocyanate
4098-71-9	Isophorone diisocyanate
75790-84-0	4-Methyldiphenylmethane-3,4-diisocyanate
5124-30-1	1,1-Methylenebis(4-isocyanatocyclohexane)
101-68-8	Methylenebis(phenylisocyanate) (MDI)
3173-72-6	1,5-Naphthalene diisocyanate
123-61-5	1,3-Phenylene diisocyanate
104-49-4	1,4-Phenylene diisocyanate
9016-87-9	Polymeric diphenylmethane diisocyanate
16938-22-0	2,2,4-Trimethylhexamethylene diisocyanate

N150 Dioxin and Dioxin-Like Compounds (Manufacturing; and the processing or otherwise use of dioxin and dioxin-like compounds if the dioxin and dioxin-like compounds are present as contaminants in a chemical and if they were created during the manufacturing of that chemical.) (*) This category includes only those chemicals listed below. [Note: When completing the Form R, Part II, Section 1.4, enter the distribution percent estimates for each of the dioxin and dioxin-like compounds chemical category members in the order they are listed here (i.e., 1-17).]

1	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran
2	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran
3	70648-26-9	1,2,3,4,7,8-Hexachlorod-benzofuran
4	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran
5	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran
6	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran
7	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo- <i>p</i> -dioxin
8	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo- <i>p</i> -dioxin
9	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo- <i>p</i> -dioxin
10	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo- <i>p</i> -dioxin
11	39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran
12	3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo- <i>p</i> -dioxin
13	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran
14	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran
15	40321-76-4	1,2,3,7,8-Pentachlorodibenzo- <i>p</i> -dioxin
16	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran
17	1746-01-6	2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin

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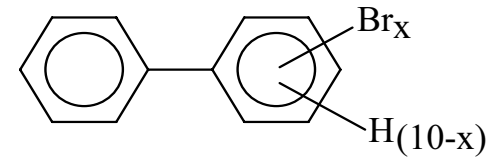
<p>N171 Ethylenebisdithiocarbamic acid, salts and esters EBDCs) (1.0) <i>Includes any unique chemical substance that contains an EBDC or an EBDC salt as part of that chemical's infrastructure.</i></p>	<p>$C_xH_{2x+2-y}Cl_y$ where $x = 10$ to 13; $y = 3$ to 12; and the average chlorine content ranges from 40 – 70% with the limiting molecular formulas $C_{10}H_{19}Cl_3$ and $C_{13}H_{16}Cl_{12}$</p>																																										
<p>N230 Certain Glycol Ethers (1.0) $R-(OCH_2CH_2)_n-OR'$ where $n = 1, 2, \text{ or } 3$ $R = \text{alkyl } C7 \text{ or less; or}$ $R = \text{phenyl or alkyl substituted phenyl;}$ $R' = H, \text{ or alkyl } C7 \text{ or less; or}$ OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.</p>	<p>N590 Polycyclic aromatic compounds (PACs) (*) This category includes the chemicals listed below.</p> <table border="0"> <tbody> <tr><td>56-55-3</td><td>Benzo(a)anthracene</td></tr> <tr><td>205-99-2</td><td>Benzo(b)fluoranthene</td></tr> <tr><td>205-82-3</td><td>Benzo(j)fluoranthene</td></tr> <tr><td>207-08-9</td><td>Benzo(k)fluoranthene</td></tr> <tr><td>206-44-0</td><td>Benzo(j,k)fluorene</td></tr> <tr><td>189-55-9</td><td>Benzo(r,s,t)pentaphene</td></tr> <tr><td>218-01-9</td><td>Benzo(a)phenanthrene</td></tr> <tr><td>50-32-8</td><td>Benzo(a)pyrene</td></tr> <tr><td>226-36-8</td><td>Dibenz(a,h)acridine</td></tr> <tr><td>224-42-0</td><td>Dibenz(a,j)acridine</td></tr> <tr><td>53-70-3</td><td>Dibenzo(a,h)anthracene</td></tr> <tr><td>194-59-2</td><td>7H-Dibenzo(c,g)carbazole</td></tr> <tr><td>5385-75-1</td><td>Dibenzo(a,e)fluoranthene</td></tr> <tr><td>192-65-4</td><td>Dibenzo(a,e)pyrene</td></tr> <tr><td>189-64-0</td><td>Dibenzo(a,h)pyrene</td></tr> <tr><td>191-30-0</td><td>Dibenzo(a,l)pyrene</td></tr> <tr><td>57-97-6</td><td>7,12-Dimethylbenz(a)-anthracene</td></tr> <tr><td>193-39-5</td><td>Indeno(1,2,3-cd)pyrene</td></tr> <tr><td>56-49-5</td><td>3-Methylcholanthrene</td></tr> <tr><td>3697-24-3</td><td>5-Methylchrysene</td></tr> <tr><td>5522-43-0</td><td>1-Nitropyrene</td></tr> </tbody> </table>	56-55-3	Benzo(a)anthracene	205-99-2	Benzo(b)fluoranthene	205-82-3	Benzo(j)fluoranthene	207-08-9	Benzo(k)fluoranthene	206-44-0	Benzo(j,k)fluorene	189-55-9	Benzo(r,s,t)pentaphene	218-01-9	Benzo(a)phenanthrene	50-32-8	Benzo(a)pyrene	226-36-8	Dibenz(a,h)acridine	224-42-0	Dibenz(a,j)acridine	53-70-3	Dibenzo(a,h)anthracene	194-59-2	7H-Dibenzo(c,g)carbazole	5385-75-1	Dibenzo(a,e)fluoranthene	192-65-4	Dibenzo(a,e)pyrene	189-64-0	Dibenzo(a,h)pyrene	191-30-0	Dibenzo(a,l)pyrene	57-97-6	7,12-Dimethylbenz(a)-anthracene	193-39-5	Indeno(1,2,3-cd)pyrene	56-49-5	3-Methylcholanthrene	3697-24-3	5-Methylchrysene	5522-43-0	1-Nitropyrene
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<p>N420 Lead Compounds (*) <i>Includes any unique chemical substance that contains lead as part of that chemical's infrastructure.</i></p>																																											
<p>N450 Manganese Compounds (1.0) <i>Includes any unique chemical substance that contains manganese as part of that chemical's infrastructure.</i></p>																																											
<p>N458 Mercury Compounds (*) <i>Includes any unique chemical substance that contains mercury as part of that chemical's infrastructure.</i></p>																																											
<p>N495 Nickel Compounds (0.1) <i>Includes any unique chemical substance that contains nickel as part of that chemical's infrastructure.</i></p>																																											
<p>N503 Nicotine and salts (1.0) <i>Includes any unique chemical substance that contains nicotine or a nicotine salt as part of that chemical's infrastructure.</i></p>	<p>N725 Selenium Compounds (1.0) <i>Includes any unique chemical substance that contains selenium as part of that chemical's infrastructure.</i></p>																																										
<p>N511 Nitrate compounds (water dissociable; reportable only when in aqueous solution) (1.0)</p>	<p>N740 Silver Compounds (1.0) <i>Includes any unique chemical substance that contains silver as part of that chemical's infrastructure.</i></p>																																										
 <p style="text-align: center;">Where $x = 1$ to 10</p>	<p>N746 Strychnine and salts (1.0) <i>Includes any unique chemical substance that contains strychnine or a strychnine salt as part of that chemical's infrastructure.</i></p>																																										
<p>N575 Polybrominated Biphenyls (PBBs) (0.1)</p>	<p>N760 Thallium Compounds (1.0) <i>Includes any unique chemical substance that contains thallium as part of that chemical's infrastructure.</i></p>																																										
<p>N583 Polychlorinated alkanes (C_{10} to C_{13}) (1.0, except for those members of the category that have an average chain length of 12 carbons and contain an average chlorine content of 60% by weight which are subject to the 0.1% <i>de minimis</i>)</p>																																											
<p>N770 Vanadium Compounds (1.0) <i>Includes any unique chemical substance that contains vanadium as part of that chemical's</i></p>	<p><i>infrastructure.</i></p>																																										

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N874 Warfarin and salts (1.0)

Includes any unique chemical substance that contains warfarin or a warfarin salt as part of that chemical's infrastructure.

N982 Zinc Compounds (1.0)

Includes any unique chemical substance that contains zinc as part of that chemical's infrastructure.