



2005 RELEASE AND POLLUTION PREVENTION REPORT

APPENDIX B

TABLE 2

RELEASE & POLLUTION PREVENTION REPORT LIST IN CAS NUMBER ORDER

Specific reportable substances are listed in Chemical Abstract Services (CAS) registry number order beginning on page B.2 - 2. A list of the same substances in alphabetical order are found in a separate Appendix B Table 1. Reportable chemical categories are integrated into Appendix B Table 1 and Appendix B Table 2, and Appendix C (chemical categories list only).

Qualifiers

Certain substances listed in Appendix B have parenthetical "qualifiers." These qualifiers indicate that these substances are subject to the reporting requirements if manufactured, processed, or otherwise used in a specific form. The following substances are reportable only if they are manufactured, processed, or otherwise used in the specific form(s) listed below:

<u>CAS Number</u>	<u>Chemical</u>	<u>Qualifier</u>
1332-21-4	Asbestos (friable)	<u>Only</u> if it is a friable form.
1344-28-1	Aluminum oxide (fibrous forms)	<u>Only</u> if it is a fibrous form.
7429-90-5	Aluminum (fume or dust)	<u>Only</u> if it is a fume or dust form.
7440-62-2	Vanadium (except when contained In an alloy)	<u>Except</u> if it is contained in an alloy.
7440-66-6	Zinc (fume or dust)	<u>Only</u> if it is a fume or dust form.
7647-01-0	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	<u>Only</u> if it is an aerosol form as defined.
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)	<u>Only</u> 10 percent of aqueous forms; 100 percent of anhydrous forms.
7664-93-9	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	<u>Only</u> if it is an aerosol form as defined.
7723-14-0	Phosphorus (yellow or white)	<u>Only</u> if it is a yellow or white 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 and NJ RPPR reporting requirements only when the indicated activity is performed.

<u>CAS Number</u>	<u>Chemical</u>	<u>Qualifier</u>
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	<u>Only</u> 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

	were created during the manufacture of that chemical)	during the manufacture of that chemical.
67-63-0	Isopropyl alcohol (only persons who manufacture by the strong acid process are subject, no supplier notification)	<u>Only</u> if it is being manufactured by the strong acid process. Facilities that process or otherwise use isopropyl alcohol are <u>not</u> covered.
81-07-2	Saccharin (manufacturing, no supplier notification)	<u>Only</u> if it is being manufactured.

Chemical Categories

In addition to specific substances listed in the table, certain chemical categories are required to be reported when the manufacture, process or otherwise use thresholds are exceeded. As with unique substances, threshold determinations must be made separately for each of the three activities. Reporting

of substances and chemical categories is required pursuant to the New Jersey Worker and Community Right to Know Act (N.J.S.A. 34:5A-1.1 et seq.).

When reporting for any of the chemical categories, all individual members of a category that are manufactured, processed, or otherwise used must be counted. The metal compounds listed, unless otherwise specified, are defined as including any unique chemical substance that contains the named metal (e.g. antimony, arsenic, etc.) as part of that chemical's infrastructure. Threshold determinations for metal-containing compounds are based on the total weight of all compounds manufactured, processed or otherwise used. However, once an activity threshold is exceeded, report only the quantities of the parent metal.

For the category "nitrate compounds (water dissociable; reportable only when in aqueous solution)," the entire weight of the nitrate compounds is counted towards the threshold. This listing covers a nitrate compound only when in water and only if dissociated. If no information is available on the identity of the type of nitrate that is manufactured, processed or otherwise used, assume that the nitrate compound exists as sodium nitrate.

Chemical categories are subject to the 1.0 percent de minimis concentration unless the substance involved meets the definition of an OSHA carcinogen. OSHA carcinogens are subject to the 0.1 percent de minimis concentration. The de minimis exemption does not apply to the persistent, bioaccumulative toxic chemicals. The de minimis concentration for each category is provided in parentheses.

Persistent, Bioaccumulative, and Toxic Chemicals

Following is a table of the Persistent, Bioaccumulative, and Toxic (PBT) chemicals affected by the USEPA rules effective reporting years 2000 and 2001, and the new, lower reporting thresholds for the PBT chemicals.

Persistent, Bioaccumulative, and Toxic Chemicals covered by the USEPA October 29, 1999 PBT Rule and the January 17, 2001 Lead Rule

<i>CAS # (Group #)</i>	<i>Chemical Name or Chemical Category</i>	<i>RTK Number</i>	<i>Section 313 Reporting Threshold (in pounds unless noted otherwise)</i>
57-74-9	Chlordane	0361	10
72-43-5	Methoxychlor	1210	100
76-44-8	Heptachlor	0974	10
79-94-7	Tetrabromobisphenol A	3763	100
118-74-1	Hexachlorobenzene	0978	10
191-24-2	Benzo(g,h,i)perylene	2968	10
309-00-2	Aldrin	0033	100
465-73-6	Isodrin	2499	10

608-93-5	Pentachlorobenzene	3417	10
1336-36-3	Polychlorinated biphenyls (PCBs)	1554	10
1582-09-8	Trifluralin	1918	100
7439-92-1	Lead ²	1096	100
7439-97-6	Mercury	1183	10
8001-35-2	Toxaphene	1871	10
29082-74-4	Octachlorostyrene	3761	10
40487-42-1	Pendimethalin	3415	100
N150	Dioxin and dioxin-like compounds category ^{1,3}	3760	0.1 gram
N420	Lead compounds category ²	2266	100
N458	Mercury compounds	2414	10
N590	Polycyclic aromatic compounds category ^{3,4}	3758	100

PBT Footnotes:

1. Qualifier: "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".
2. The lower reporting thresholds apply to lead and all lead compounds, except for lead contained in stainless steel, brass, and bronze alloys. For the federal TRI, lead contained in stainless steel, brass, and bronze alloys remains reportable under the 25,000-pound manufacture and process reporting threshold and the 10,000-pound otherwise use reporting threshold. For the NJ RPPR, lead contained in stainless steel, brass, and bronze alloys remains reportable under the 10,000-pound manufacture, process and otherwise use reporting threshold.
3. See the listing in the table for the specific substances reportable under this category.
4. Two substances, benzo(j,k)fluorene (206-44-0) and 3-methylcholanthrene (56-49-5), were added to this category effective RY 2000.

CAS Number	RTK		De minimis Concentration
	Number	Substance Name	
50-00-0	0946	Formaldehyde	0.1
51-03-6	3732	Piperonyl butoxide	1.0
51-21-8	1966	Fluorouracil (5-Fluorouracil)	1.0
51-28-5	2950	2,4-Dinitrophenol	1.0
51-75-2	1377	Nitrogen mustard [2-Chloro-N-(2-chloroethyl)-N-methylethanamine]	0.1
51-79-6	1986	Urethane (Ethyl carbamate)	0.1
52-68-6	1882	Trichlorfon [Phosphonic acid, (2,2,2-trichloro-1-hydroxyethyl)-,dimethyl ester]	1.0
52-85-7	2915	Famphur	1.0
53-96-3	0010	2-Acetylaminofluorene	0.1
55-18-5	1404	N-Nitrosodiethylamine	0.1
55-21-0	2895	Benzamide	1.0
55-38-9	0916	Fenthion	1.0
55-63-0	1383	(O,O-Dimethyl O-[3-methyl-4-(methylthio) phenyl] ester, phosphorothioic acid) Nitroglycerin	1.0

56-23-5	0347	Carbon tetrachloride	0.1
56-35-9	3479	Bis(tributyltin) oxide	1.0
56-38-2	1459	Parathion [Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester]	1.0
57-14-7	0761	1,1-Dimethyl hydrazine	0.1
57-33-0	3726	Pentobarbital sodium	1.0
57-41-0	1507	Phenytoin	0.1
57-57-8	0228	beta-Propiolactone	0.1
57-74-9	0361	Chlordane	PBT
		[4,7-Methanoindan, 1,2,3,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-]	
58-89-9	1117	Lindane [Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1.alpha.,2.alpha.,3.beta.,4.alpha.,5.alpha.,6.beta.) -]	0.1
59-89-2	1409	N-Nitrosomorpholine	0.1
60-09-3	0508	4-Aminoazobenzene	0.1
60-11-7	0739	4-Dimethylaminoazobenzene	0.1
60-34-4	1265	Methyl hydrazine	1.0
60-35-5	2890	Acetamide	0.1
60-51-5	0733	Dimethoate	1.0
61-82-5	0083	Amitrole	0.1
62-53-3	0135	Aniline	1.0
62-55-5	1844	Thioacetamide	0.1
62-56-6	1853	Thiourea	0.1
62-73-7	0674	Dichlorvos [Phosphoric acid, 2-dichloroethenyl dimethyl ester]	0.1
62-74-8	1700	Sodium fluoroacetate	1.0
62-75-9	1405	N-Nitrosodimethylamine	0.1
63-25-2	0218	Carbaryl [1-Naphthalenol, methylcarbamate]	1.0
64-18-6	0948	Formic acid	1.0
64-67-5	0710	Diethyl sulfate	0.1
64-75-5	3744	Tetracycline hydrochloride	1.0
67-56-1	1222	Methanol	1.0
67-63-0	1076	Isopropyl alcohol (only persons who manufacture by the strong acid process are subject, no supplier notification)	1.0
67-66-3	0388	Chloroform	0.1
67-72-1	0981	Hexachloroethane	0.1
68-12-2	0759	N,N-Dimethylformamide	1.0
68-76-8	1461	Triaziquone [2,5-Cyclohexadiene-1,4-dione, 2,3,5-tris(1-aziridinyl) -]	1.0
70-30-4	0983	Hexachlorophene	1.0
71-36-3	1330	n-Butyl alcohol	1.0
71-43-2	0197	Benzene	0.1
71-55-6	1237	1,1,1-Trichloroethane (Methyl chloroform)	1.0
72-43-5	1210	Methoxychlor [Benzene, 1,1'-(2,2,2-trichloroethylidene)bis [4-methoxy-]	PBT

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
72-57-1	0465	Trypan blue	0.1
74-83-9	1231	Bromomethane (Methyl bromide)	1.0
74-85-1	0873	Ethylene	1.0
74-87-3	1235	Chloromethane (Methyl chloride)	1.0
74-88-4	1266	Methyl iodide	1.0
74-90-8	1013	Hydrogen cyanide	1.0
74-95-3	1254	Methylene bromide	1.0
75-00-3	0863	Chloroethane (Ethyl chloride)	1.0
75-01-4	2001	Vinyl chloride	0.1
75-02-5		Vinyl Fluoride	1.0
75-05-8	0008	Acetonitrile	1.0
75-07-0	0001	Acetaldehyde	0.1
75-09-2	1255	Dichloromethane (Methylene chloride)	0.1
75-15-0	0344	Carbon disulfide	1.0
75-21-8	0882	Ethylene oxide	0.1
75-25-2	0262	Bromoform (Tribromomethane)	1.0
75-27-4	2341	Dichlorobromomethane	0.1
75-34-3	0651	Ethylidene dichloride	1.0
75-35-4	2006	Vinylidene chloride	1.0
75-43-4	3109	Dichlorofluoromethane (HCFC-21)	1.0
75-44-5	1510	Phosgene	1.0
75-45-6	0386	Chlorodifluoromethane (HCFC-22)	1.0
75-52-5		Nitromethane	1.0
75-55-8	1614	Propyleneimine	0.1
75-56-9	1615	Propylene oxide	0.1
75-63-8	1912	Bromotrifluoromethane (Halon 1301)	1.0
75-65-0	1787	tert-Butyl alcohol	1.0
75-68-3	0385	1-Chloro-1,1-difluoroethane (HCFC-142b)	1.0
75-69-4	1891	Trichlorofluoromethane (CFC-11)	1.0
75-71-8	0649	Dichlorodifluoromethane (CFC-12)	1.0
75-72-9	0425	Chlorotrifluoromethane (CFC-13)	1.0
75-86-5	0007	2-Methylactonitrile	1.0
75-88-7	3658	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1.0
76-01-7	1471	Pentachloroethane	1.0
76-02-8	1884	Trichloroacetyl chloride	1.0
76-06-2	0405	Chloropicrin	1.0
76-13-1	1904	Freon 113 [Ethane, 1,1,2-trichloro-1,2,2,-trifluoro-]	1.0
76-14-2	0671	Dichlorotetrafluoroethane (CFC-114)	1.0
76-15-3	0398	Monochloropentafluoroethane (CFC-115)	1.0
76-44-8	0974	Heptachlor	PBT
		[1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene]	
76-87-9	1953	Triphenyltin hydroxide	1.0
77-09-8		Phenolphthalein	1.0
77-47-4	0980	Hexachlorocyclopentadiene	1.0
77-73-6	0681	Dicyclopentadiene	1.0
77-78-1	0768	Dimethyl sulfate	0.1
78-48-8	3360	S,S,S-Tributyltrithiophosphate (DEF)	1.0
78-79-5		Isoprene	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
78-84-2	1051	Isobutyraldehyde	1.0
78-87-5	0664	1,2-Dichloropropane	1.0
78-88-6	2929	2,3-Dichloropropene	1.0
78-92-2	1645	sec-Butyl alcohol	1.0
79-00-5	1889	1,1,2-Trichloroethane	1.0
79-01-6	1890	Trichloroethylene	0.1
79-06-1	0022	Acrylamide	0.1
79-10-7	0023	Acrylic acid	1.0
79-11-8	0373	Chloroacetic acid	1.0
79-19-6	2823	Thiosemicarbazide	1.0
79-21-0	1482	Peracetic acid	1.0
79-22-1	1238	Methyl chlorocarbonate	1.0
79-34-5	1809	1,1,2,2-Tetrachloroethane	1.0
79-44-7	0746	Dimethylcarbaryl chloride	0.1
79-46-9	1392	2-Nitropropane	0.1
79-94-7	3763	Tetrabromobisphenol A	PBT
80-05-7	2388	4,4'-Isopropylidenediphenol	1.0
80-15-9	0543	Cumene hydroperoxide	1.0
80-62-6	1277	Methyl methacrylate	1.0
81-07-2	1641	Saccharin (manufacturing)	1.0
81-49-2		1-Amino-2,4-dibromoanthraquinone	1.0
81-88-9	0505	C.I. Food Red 15	1.0
82-28-0	0076	1-Amino-2-methylanthraquinone	0.1
82-68-8	1630	Quintozone (Pentachloronitrobenzene)	1.0
84-74-2	0773	Dibutyl phthalate	1.0
85-01-8	3004	Phenanthrene	1.0
85-44-9	1535	Phthalic anhydride	1.0
86-30-6	1408	N-Nitrosodiphenylamine	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
87-62-7	2016	2,6-Xylidine	0.1
87-68-3	0979	Hexachloro-1,3-butadiene	1.0
87-86-5	1473	Pentachlorophenol (PCP)	0.1
88-06-2	1894	2,4,6-Trichlorophenol	0.1
88-75-5	1391	2-Nitrophenol	1.0
88-85-7	2354	Dinitrobutyl phenol (Dinoseb)	1.0
88-89-1	1946	Picric acid	1.0
90-04-0	1421	o-Anisidine	0.1
90-43-7	1439	2-Phenylphenol	1.0
90-94-8	1305	Michler's ketone	0.1
91-08-7	1868	Toluene-2,6-diisocyanate	0.1
91-20-3	1322	Naphthalene	0.1
91-22-5	1628	Quinoline	1.0
91-23-6		o-Nitroanisole	0.1
91-59-8	1324	beta-Naphthylamine	0.1
91-94-1	0644	3,3'-Dichlorobenzidine	0.1
92-52-4	0795	Biphenyl	1.0
92-67-1	0072	4-Aminobiphenyl	0.1
92-87-5	0204	Benzidine	0.1
92-93-3	0229	4-Nitrobiphenyl	0.1
93-15-2		Methyleugenol	0.1
93-65-2	3093	Mecoprop	0.1
94-11-1	2941	2,4-D isopropyl ester	0.1
94-36-0	0215	Benzoyl peroxide	1.0
94-58-6	0199	Dihydrosafrole	0.1
94-59-7	1642	Safrole	0.1
94-74-6	3094	Methoxone ((4-Chloro-2-methylphenoxy) acetic acid) (MCPA)	0.1
94-75-7	0593	2,4-D [Acetic acid, (2,4-dichloro-phenoxy) -]	0.1
94-80-4	2943	2,4-D butyl ester	0.1
94-82-6	3271	2,4-DB	1.0
95-47-6	2903	o-Xylene	1.0
95-48-7	1426	o-Cresol	1.0
95-50-1	0642	1,2-Dichlorobenzene	1.0
95-53-4	1442	o-Toluidine	0.1
95-54-5	1495	1,2-Phenylenediamine	1.0
95-63-6	2716	1,2,4-Trimethylbenzene	1.0
95-69-2	3657	p-Chloro-o-toluidine	0.1
95-80-7	0613	2,4-Diaminotoluene	0.1
95-95-4	1895	2,4,5-Trichlorophenol	1.0
96-09-3	1749	Styrene oxide	0.1
96-12-8	0595	1,2-Dibromo-3-chloropropane (DBCP)	0.1
96-18-4	1902	1,2,3-Trichloropropane	0.1
96-33-3	1219	Methyl acrylate	1.0
96-45-7	0883	Ethylene thiourea	0.1
97-23-4	3684	Dichlorophene (2,2'-Methylenebis(4-chlorophenol)	1.0
97-56-3	0507	C.I. Solvent Yellow 3	0.1

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
98-07-7	0212	Benzoic trichloride (Benzotrichloride)	0.1
98-82-8	0542	Cumene	1.0
98-86-2	2961	Acetophenone	1.0
98-87-3	0195	Benzal chloride	1.0
98-88-4	0214	Benzoyl chloride	1.0
98-95-3	1361	Nitrobenzene	0.1
99-30-9	3671	Dichloran (2,6-Dichloro-4-nitroaniline)	1.0
99-55-8	1444	5-Nitro-o-toluidine	1.0
99-59-2	1388	5-Nitro-o-anisidine	1.0
99-65-0	3017	m-Dinitrobenzene	1.0
100-01-6	1548	p-Nitroaniline	1.0
100-02-7	1390	4-Nitrophenol	1.0
100-25-4	3019	p-Dinitrobenzene	1.0
100-41-4	0851	Ethylbenzene	0.1
100-42-5	1748	Styrene	0.1
100-44-7	0217	Benzyl chloride	1.0
100-75-4	1412	N-Nitrosopiperidine	0.1
101-05-3	3648	Anilazine [4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine]	1.0
101-14-4	1250	4,4'-Methylenebis(2-chloroaniline) (MBOCA)	0.1
101-61-1	1252	4,4'-Methylenebis(N,N-dimethyl)benzenamine	0.1
101-77-9	1256	4,4'-Methylenedianiline	0.1
101-80-4	0612	4,4'-Diaminodiphenyl ether	0.1
101-90-6	2054	Diglycidyl resorcinol ether	0.1
104-12-1	3656	p-Chlorophenyl isocyanate	1.0
104-94-9	2893	p-Anisidine	1.0
105-67-9	0764	2,4-Dimethylphenol	1.0
106-42-3	2904	p-Xylene	1.0
106-44-5	1468	p-Cresol	1.0
106-46-7	0643	1,4-Dichlorobenzene	0.1
106-47-8	2964	p-Chloroaniline	0.1
106-50-3	1586	p-Phenylenediamine	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
106-51-4	1460	Quinone	1.0
106-88-7	0287	1,2-Butylene oxide	0.1
106-89-8	0828	Epichlorohydrin	0.1
106-93-4	0877	1,2-Dibromoethane (Ethylene dibromide)	0.1
106-99-0	0272	1,3-Butadiene	0.1
107-02-8	0021	Acrolein	1.0
107-05-1	0039	Allyl chloride	1.0
107-06-2	0652	1,2-Dichloroethane (Ethylene dichloride)	0.1
107-11-9	0037	Allylamine	1.0
107-13-1	0024	Acrylonitrile	0.1
107-18-6	0036	Allyl alcohol	1.0
107-19-7	1597	Propargyl alcohol	1.0
107-21-1	0878	Ethylene glycol	1.0
107-30-2	0391	Chloromethyl methyl ether	0.1
108-05-4	1998	Vinyl acetate	0.1
108-10-1	1268	Methyl isobutyl ketone	1.0
108-31-6	1152	Maleic anhydride	1.0
108-38-3	2902	m-Xylene	1.0
108-39-4	1161	m-Cresol	1.0
108-45-2	1316	1,3-Phenylenediamine	1.0
108-60-1	0235	Bis(2-chloro-1-methylethyl) ether	1.0
108-88-3	1866	Toluene	1.0
108-90-7	0379	Chlorobenzene	1.0
108-93-0	0569	Cyclohexanol	1.0
108-95-2	1487	Phenol	1.0
109-06-8	2955	2-Methylpyridine	1.0
109-77-3	1153	Malononitrile	1.0
109-86-4	1211	2-Methoxyethanol	1.0
110-00-9		Furan	1.0
110-54-3	1340	n-Hexane	1.0
110-57-6	2829	trans-1,4-Dichloro-2-butene	1.0
110-80-5	0839	2-Ethoxyethanol	1.0
110-82-7	0565	Cyclohexane	1.0
110-86-1	1624	Pyridine	1.0
111-42-2	0686	Diethanolamine	1.0
111-44-4	0232	Bis(2-chloroethyl) ether	1.0
111-91-1	2971	Bis(2-chloroethoxy) methane	1.0
114-26-1	1604	Propoxur [Phenol, 2-(1-methylethoxy)-, methylcarbamate]	1.0
115-07-1	1609	Propylene (Propene)	1.0
115-28-6	3228	Chlorendic acid	0.1
115-32-2	0675	Dicofol	1.0
		[Benzenemethanol, 4-chloro-.alpha.-4-(chlorophenyl)-.alpha.-(trichloromethyl)-]	
116-06-3	0031	Aldicarb	1.0
116-14-3		Tetrafluoroethylene	1.0
117-79-3	0069	2-Aminoanthraquinone	0.1
117-81-7	0238	Di(2-ethylhexyl) phthalate (DEHP)	0.1

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
118-74-1	0978	Hexachlorobenzene	PBT
119-90-4	0734	3,3'-Dimethoxybenzidine	0.1
119-93-7	0742	3,3'-Dimethylbenzidine (o-Tolidine)	0.1
120-12-7	0139	Anthracene	1.0
120-36-5	3076	2,4-DP	0.1
120-58-1	0198	Isosafrole	1.0
120-71-8	1467	p-Cresidine	0.1
120-80-9	0722	Catechol	0.1
120-82-1	1887	1,2,4-Trichlorobenzene	1.0
120-83-2	2344	2,4-Dichlorophenol	1.0
121-14-2	0783	2,4-Dinitrotoluene	0.1
121-44-8	1907	Triethylamine	1.0
121-69-7	0741	N,N-Dimethylaniline	1.0
121-75-5	1150	Malathion	1.0
122-34-9	3454	Simazine	1.0
122-39-4	0796	Diphenylamine	1.0
122-66-7	0800	1,2-Diphenylhydrazine (Hydrazobenzene)	0.1
123-31-9	1019	Hydroquinone	1.0
123-38-6	1598	Propionaldehyde	1.0
123-63-7	1455	Paraldehyde	1.0
123-72-8	0299	Butyraldehyde	1.0
123-91-1	0789	1,4-Dioxane	0.1
124-40-3	0737	Dimethylamine	1.0
124-73-2	3137	Dibromotetrafluoroethane (Halon 2402)	1.0
126-72-7	1957	Tris(2,3-dibromopropyl) phosphate	0.1
126-98-7	1220	Methacrylonitrile	1.0
126-99-8	0407	Chloroprene	0.1
127-18-4	1810	Tetrachloroethylene (Perchloroethylene)	0.1
128-03-0	3735	Potassium dimethyldithiocarbamate	1.0
128-04-1	3740	Sodium dimethyldithiocarbamate	1.0
128-66-5	0512	C.I. Vat Yellow 4	1.0
131-11-3	0765	Dimethyl phthalate	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
131-52-2	1712	Sodium pentachlorophenate	1.0
132-27-4	3458	Sodium o-phenylphenoxide	0.1
132-64-9	2230	Dibenzofuran	1.0
133-06-2	0339	Captan [1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-]	1.0
133-07-3	3554	Folpet	1.0
133-90-4	0357	Chloramben [Benzoic acid, 3-amino-2,5-dichloro-]	1.0
134-29-2	1422	o-Anisidine hydrochloride	0.1
134-32-7	1325	alpha-Naphthylamine	0.1
135-20-6	0545	Cupferron [Benzeneamine, N-hydroxy-N-nitroso, ammonium salt]	0.1
136-45-8	3701	Dipropyl isocinchomeronate	1.0
137-26-8	1854	Thiram	1.0
137-41-7	3736	Potassium N-methyldithiocarbamate	1.0
137-42-8	3711	Metham sodium (Sodium methyldithiocarbamate)	1.0
138-93-2	3702	Disodium cyanodithioimidocarbonate	1.0
139-13-9	1358	Nitrilotriacetic acid	0.1
139-65-1	1847	4,4'-Thiodianiline	0.1
140-88-5	0843	Ethyl acrylate	0.1
141-32-2	0278	Butyl acrylate	1.0
142-59-6	3720	Nabam	1.0
148-79-8	3746	Thiabendazole (2-(4-Thiazolyl)-1H-benzimidazole)	1.0
149-30-4	3710	2-Mercaptobenzothiazole (MBT)	1.0
150-50-5	3359	Merphos	1.0
150-68-5	3719	Monuron	1.0
151-56-4	0881	Ethyleneimine (Aziridine)	0.1
156-10-5	1551	p-Nitrosodiphenylamine	1.0
156-62-7	0316	Calcium cyanamide	1.0
191-24-2	2968	Benzo(g,h,i)perylene	PBT
298-00-0	1283	Methyl parathion	1.0
300-76-5	0751	Naled	1.0
301-12-2	3724	Oxydemeton methyl (S-(2-(Ethylsulfinyl)ethyl) O,O-dimethyl ester phosphorothioic acid)	1.0
302-01-2	1006	Hydrazine	0.1
306-83-2	3613	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1.0
309-00-2	0033	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.,5.alpha.,8.alpha.,8a.beta.)-]	PBT
314-40-9	0251	Bromacil (5-Bromo-6-methyl-3-(1-methylpropyl)-2,4-(1H,3H)-pyrimidinedione)	1.0
319-84-6	0566	alpha-Hexachlorocyclohexane	0.1
330-54-1	0819	Diuron	1.0
330-55-2	3352	Linuron	1.0
333-41-5	0618	Diazinon	1.0
334-88-3	0620	Diazomethane	1.0
353-59-3	0384	Bromochlorodifluoromethane (Halon 1211)	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
354-11-0	3742	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	1.0
354-14-3	3743	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	1.0
354-23-4	3612	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	1.0
354-25-6	3606	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	1.0
357-57-3	0270	Brucine	1.0
422-44-6	3674	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	1.0
422-48-0	3675	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	1.0
422-56-0	3676	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	1.0
431-86-7	3677	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	1.0
460-35-5	3659	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	1.0
463-58-1	0349	Carbonyl sulfide	1.0
465-73-6	2499	Isodrin	PBT
492-80-8	2894	C.I. Solvent Yellow 34 (Auramine)	0.1
505-60-2	1319	Mustard gas [Ethane, 1,1'-thiobis[2-chloro-]	0.1
507-55-1	3678	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	1.0
509-14-8		Tetranitromethane	1.0
510-15-6	0205	Chlorobenzilate [Benzeneacetic acid,4-chloro-.alpha.-(4-chlorophenyl)- .alpha.-hydroxy-, ethyl ester]	1.0
528-29-0	3018	o-Dinitrobenzene	1.0
532-27-4	0048	2-Chloroacetophenone	1.0
533-74-4	3664	Dazomet (Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione)	1.0
534-52-1	0779	4,6-Dinitro-o-cresol	1.0
540-59-0	0653	1,2-Dichloroethylene	1.0
541-41-3	0865	Ethyl chloroformate	1.0
541-53-7	2368	2,4-Dithiobiuret	1.0
541-73-1	2301	1,3-Dichlorobenzene	1.0
542-75-6	0666	1,3-Dichloropropylene	0.1
542-76-7	2711	3-Chloropropionitrile	1.0
542-88-1	0234	Bis(chloromethyl) ether	0.1
554-13-2	1124	Lithium carbonate	1.0
556-52-5		Glycidol	1.0
556-61-6	1272	Methyl isothiocyanate (Isothiocyanatomethane)	1.0
563-47-3	1223	3-Chloro-2-methyl-1-propene	0.1

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
569-64-2	0448	C.I. Basic Green 4	1.0
584-84-9	1869	Toluene-2,4-diisocyanate	0.1
593-60-2	1999	Vinyl bromide	0.1
594-42-3	1480	Perchloromethyl mercaptan	1.0
606-20-2	0784	2,6-Dinitrotoluene	0.1
608-93-5	3417	Pentachlorobenzene	PBT
612-82-8	3695	3,3'-Dimethylbenzidine dihydrochloride (o-Tolidine dihydrochloride)	0.1
612-83-9	3267	3,3'-Dichlorobenzidine dihydrochloride	0.1
615-05-4	0611	2,4-Diaminoanisole	0.1
615-28-1	3728	1,2-Phenylenediamine dihydrochloride	1.0
621-64-7	1407	N-Nitrosodi-n-propylamine	0.1
624-18-0	3729	1,4-Phenylenediamine dihydrochloride	1.0
624-83-9	1270	Methyl isocyanate	1.0
630-20-6	2992	1,1,1,2-Tetrachloroethane	1.0
636-21-5	1443	o-Toluidine hydrochloride	0.1
639-58-7	1952	Triphenyltin chloride	1.0
680-31-9	0973	Hexamethylphosphoramide	0.1
684-93-5	1411	N-Nitroso-N-methylurea	0.1
709-98-8	3439	Propanil (N-(3,4-Dichlorophenyl)propanamide)	1.0
759-73-9	1410	N-Nitroso-N-ethylurea	0.1
759-94-4	3300	Ethyl dipropylthiocarbamate (EPTC)	1.0
764-41-0	3070	1,4-Dichloro-2-butene	1.0
812-04-4	3611	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1.0
834-12-8	3150	Ametryn (N-Ethyl-N'-(1-methylethyl)-6-(methylthio)-1,3,5,-triazine-2,4-diamine)	1.0
842-07-9	0509	C.I. Solvent Yellow 14	1.0
872-50-4	3716	N-Methyl-2-pyrrolidone	1.0
924-16-3	1406	N-Nitrosodi-n-butylamine	0.1
924-42-5	3715	N-Methylolacrylamide	1.0
957-51-7	3290	Diphenamid	1.0
961-11-5	1813	Tetrachlorvinphos [Phosphoric acid, 2-chloro-1-(2,3,5-trichlorophenyl) ethenyl dimethyl ester]	1.0
989-38-8	0449	C.I. Basic Red 1	1.0
1114-71-2	3725	Pebulate (Butylethylcarbamothioic acid S-propyl ester)	1.0
1120-71-4	1446	Propane sultone	0.1
1134-23-2	3662	Cycloate	1.0
1163-19-5	0598	Decabromodiphenyl oxide	1.0
1313-27-5	1312	Molybdenum trioxide	1.0
1314-20-1	1856	Thorium dioxide	1.0
1319-77-3	0537	Cresol (mixed isomers)	1.0
1320-18-9	2944	2,4-D propylene glycol butyl ether ester	0.1
1330-20-7	2014	Xylene (mixed isomers)	1.0
1332-21-4	0164	Asbestos (friable)	0.1
1335-87-1	0982	Hexachloronaphthalene	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
1336-36-3	1554	Polychlorinated biphenyls (PCBs)	PBT
1344-28-1	2891	Aluminum oxide (fibrous form)	1.0
1464-53-5	0685	Diepoxybutane	0.1
1563-66-2	0341	Carbofuran	1.0
1582-09-8	1918	Trifluralin [Benzeneamine, 2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-]	PBT
1634-04-4	1293	Methyl tert-butyl ether	1.0
1649-08-7	3673	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1.0
1689-84-5	3211	Bromoxynil (3,5-Dibromo-4-hydroxybenzonitrile)	1.0
1689-99-2	3212	Bromoxynil octanoate (Octanoic acid, 2,6-dibromo-4-cyanophenyl ester)	1.0
1717-00-6	3270	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1.0
1836-75-5	1374	Nitrofen [Benzene, 2,4-dichloro-1-(4-nitrophenoxy)-]	0.1
1861-40-1	3181	Benfluralin (N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl) benzenamine)	1.0
1897-45-6	0415	Chlorothalonil [1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-]	0.1
1910-42-5	1458	Paraquat dichloride	1.0
1912-24-9	0171	Atrazine (6-Chloro-N-ethyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine)	1.0
1918-00-9	0634	Dicamba (3,6-Dichloro-2-methoxybenzoic acid)	1.0
1918-02-1	1536	Picloram	1.0
1918-16-7	3438	Propachlor (2-Chloro-N-(1-methylethyl)-N-phenylacetamide)	1.0
1928-43-4	3667	2,4-D 2-ethylhexyl ester	0.1
1929-73-3	2949	2,4-D butoxyethyl ester	0.1
1929-82-4	1355	Nitrapyrin (2-Chloro-6-(trichloromethyl)pyridine)	1.0
1937-37-7	0453	C.I. Direct Black 38	0.1
1982-69-0	3739	Sodium dicamba (3,6-Dichloro-2-methoxybenzoic acid, sodium salt)	1.0
1983-10-4	3750	Tributyltin fluoride	1.0
2032-65-7	1165	Methiocarb	1.0
2155-70-6	3751	Tributyltin methacrylate	1.0
2164-07-0	3700	Dipotassium endothall (7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dipotassium salt)	1.0
2164-17-2	0935	Fluometuron [Urea, N,N-dimethyl-N'-[3-(trifluoromethyl)phenyl]-]	1.0

CAS Number	RTK Number	Substance Name	De minimis Concentration
2212-67-1	3718	Molinate (1H-Azepine-1 carbothioic acid, hexahydro-S-ethyl ester)	1.0
2234-13-1	1427	Octachloronaphthalene	1.0
2300-66-5	3694	Dimethylamine dicamba	1.0
2303-16-4	0608	Diallate [Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl)ester]	1.0
2303-17-5	3474	Triallate	1.0
2312-35-8	1596	Propargite	1.0
2439-01-2	3654	Chinomethionat (6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one)	1.0
2439-10-3	3579	Dodine (Dodecylguanidine monoacetate)	1.0
2524-03-0	0770	Dimethyl chlorothiophosphate	1.0
2602-46-2	0462	C.I. Direct Blue 6	0.1
2655-15-4	3756	2,3,5-Trimethylphenyl methylcarbamate	1.0
2699-79-8	1769	Sulfuryl fluoride (Vikane)	1.0
2702-72-9	3297	2,4-D sodium salt	0.1
2832-40-8	0503	C.I. Disperse Yellow 3	1.0
2837-89-0	3607	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	1.0
2971-38-2	2947	2,4-D chlorocrotyl ester	0.1
3118-97-6	0506	C.I. Solvent Orange 7	1.0
3383-96-8	1780	Temephos	1.0
3653-48-3	3713	Methoxone sodium salt ((4-Chloro-2-methylphenoxy) acetate sodium salt)	0.1
3761-53-3	0504	C.I. Food Red 5	0.1
4080-31-3	3655	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1.0
4170-30-3	2888	Crotonaldehyde	1.0
4549-40-0	2907	N-Nitrosomethylvinylamine	0.1
4680-78-8	0442	C.I. Acid Green 3	1.0
5234-68-4	3224	Carboxin (5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)	1.0
5598-13-0	3660	Chlorpyrifos methyl (O,O-Dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate)	1.0
5902-51-2	3466	Terbacil (5-Chloro-3-(1,1-dimethylethyl)-6-methyl-2,4 (1H,3H)-pyrimidinedione)	1.0
6459-94-5	0445	C.I. Acid Red 114	0.1
7287-19-6	3437	Prometryn (N,N'-Bis(1-methylethyl)-6-methylthio-1,3,5-triazine-2,4-diamine)	1.0
7429-90-5	0054	Aluminum (fume or dust)	1.0
7439-92-1	1096	Lead (when lead is contained in stainless steel, brass or bronze alloys, the de minimis is 0.1)	PBT
7439-96-5	1155	Manganese	1.0
7439-97-6	1183	Mercury	PBT
7440-02-0	1341	Nickel	0.1
7440-22-4	1669	Silver	1.0
7440-28-0	1840	Thallium	1.0
7440-36-0	0141	Antimony	1.0
7440-38-2	0152	Arsenic	0.1
7440-39-3	0180	Barium	1.0
7440-41-7	0222	Beryllium	0.1

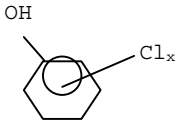
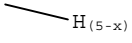
<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
7440-43-9	0305	Cadmium	0.1
7440-47-3	0432	Chromium	1.0
7440-48-4	0520	Cobalt	0.1
7440-50-8	0528	Copper	1.0
7440-62-2	3762	Vanadium (except when contained in an alloy)	1.0
7440-66-6	2021	Zinc (fume or dust)	1.0
7550-45-0	1864	Titanium tetrachloride	1.0
7632-00-0	2258	Sodium nitrite	1.0
7637-07-2	0246	Boron trifluoride	1.0
7647-01-0	1012	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne species of any particle size)	1.0
7664-39-3	1014	Hydrogen fluoride	1.0
7664-41-7	0084	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
7664-93-9	1761	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne species of any particle size)	1.0
7696-12-0	3745	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
7697-37-2	1356	Nitric acid	1.0
7723-14-0	1520	Phosphorus (yellow or white)	1.0
7726-95-6	0252	Bromine	1.0
7758-01-2	1559	Potassium bromate	0.1
7782-41-4	0937	Fluorine	1.0
7782-49-2	1648	Selenium	1.0
7782-50-5	0367	Chlorine	1.0
7786-34-7	3507	Mevinphos	1.0
7803-51-2	1514	Phosphine	1.0
8001-35-2	1871	Toxaphene	PBT
8001-58-9	0517	Creosote	0.1

CAS Number	RTK Number	Substance Name	De minimis Concentration
9006-42-2	3717	Metiram	1.0
10028-15-6	1451	Ozone	1.0
10034-93-2	2360	Hydrazine sulfate	0.1
10049-04-4	0368	Chlorine dioxide	1.0
10061-02-6	3685	trans-1,3-Dichloropropene	0.1
10294-34-5	0245	Boron trichloride	1.0
10453-86-8	3450	Resmethrin ([5-(Phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate]	1.0
12122-67-7	2045	Zineb [Carbamodithioic acid, 1,2-ethanediybis-, zinc complex]	1.0
12427-38-2	1154	Maneb [Carbamodithioic acid, 1,2-ethanediybis-, manganese complex]	1.0
13194-48-4	2395	Ethoprop (Phosphorodithioic acid O-ethyl S,S-dipropyl ester)	1.0
13356-08-6	3704	Fenbutatin oxide (Hexakis(2-methyl-2-phenylpropyl)distannoxane)	1.0
13463-40-6	1037	Iron pentacarbonyl	1.0
13474-88-9	3679	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1.0
13684-56-5	3666	Desmedipham	1.0
14484-64-1	0917	Ferbam (Tris(dimethylcarbamodithioato-S,S') iron)	1.0
15972-60-8	3143	Alachlor	1.0
16071-86-6	0478	C.I. Direct Brown 95	0.1
16543-55-8	2900	N-Nitrosornicotine	0.1
17804-35-2	0192	Benomyl	1.0
19044-88-3	3409	Oryzalin (4-(Dipropylamino)-3,5-dinitrobenzenesulfonamide)	1.0
19666-30-9	3410	Oxydiazon (3-[2,4-Dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one)	1.0
20325-40-0	3692	3,3'-Dimethoxybenzidine dihydrochloride (o-Dianisidine dihydrochloride)	0.1
20354-26-1	3712	Methazole (2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione)	1.0
20816-12-0	1441	Osmium tetroxide	1.0
20859-73-8	0063	Aluminum phosphide	1.0
21087-64-5	1302	Metribuzin	1.0
21725-46-2	0240	Cyanazine	1.0
22781-23-3	0191	Bendiocarb [2,2-Dimethyl-1,3-benzodioxol-4-ol methylcarbamate]	1.0
23564-05-8	3473	Thiophanate-methyl	1.0
23564-06-9	3748	Thiophanate ethyl ([1,2-Phenylenebis (iminocarbonothioyl)] biscarbamic acid diethyl ester)	1.0
23950-58-5	1592	Pronamide	1.0
25311-71-1	3709	Isofenphos (2-[[Ethoxyl[(1-methylethyl)amino]phosphinothioyl]oxy]benzoic acid 1-methylethyl ester)	1.0
25321-14-6	2985	Dinitrotoluene (mixed isomers)	1.0
25321-22-6	2321	Dichlorobenzene (mixed isomers)	0.1
25376-45-8	2134	Diaminotoluene (mixed isomers)	0.1
26002-80-2	3727	Phenothrin (2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (3-phenoxyphenyl)methyl ester)	1.0
26471-62-5	3132	Toluene diisocyanate (mixed isomers)	0.1
26628-22-8	1684	Sodium azide	1.0
26644-46-2	3753	Triforine (N,N'-[1,4-Piperazinediybis(2,2,2-trichloroethylidene)] bisformamide)	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
27314-13-2	3405	Norflurazon (4-Chloro-5- (methylamino) -2- [3- (trifluoromethyl) phenyl] -3 (2H) -pyridazinone)	1.0
28057-48-9	3647	d-trans-Allethrin [d-trans-Chrysanthemic acid of d-allethron]	1.0
28249-77-6	3472	Thiobencarb (Carbamic acid, diethylthio-, S-(p-chlorobenzyl))	1.0
28407-37-6	3661	C.I. Direct Blue 218	1.0
29082-74-4	3761	Octachlorostyrene	PBT
29232-93-7	3430	Pirimiphos methyl (O- (2- (Diethylamino) -6-methyl-4-pyrimidinyl) -O,O-dimethyl phosphorothioate)	1.0
30560-19-1	3140	Acephate (Acetylphosphoramidothioic acid O,S-dimethyl ester)	1.0
31218-83-4	3738	Propetamphos (3- [(Ethylamino) methoxyphosphinothioyl] oxy] -2- butenoic acid, 1-methylethyl ester)	1.0
33089-61-1	3156	Amitraz	1.0
34014-18-1	3464	Tebuthiuron (N- [5- (1,1-Dimethylethyl) -1,3,4-thiadiazol-2-yl] -N,N'-dimethylurea)	1.0
34077-87-7	3608	Dichlorotrifluoroethane	1.0
35367-38-5	3276	Diflubenzuron	1.0
35400-43-2	1771	Sulprofos (O-Ethyl O- [4- (methylthio) phenyl] phosphorodithioic acid S-propyl ester)	1.0
35554-44-0	3343	Imazalil (1- [2- (2,4-Dichlorophenyl) -2- (2-propenyloxy) ethyl] -1H-imidazole)	1.0
35691-65-7	3652	1-Bromo-1- (bromomethyl) -1,3-propanedicarbonitrile	1.0
38727-55-8	3687	Diethatyl ethyl	1.0
39156-41-7	2899	2,4-Diaminoanisole sulfate	0.1
39300-45-3	3699	Dinocap	1.0

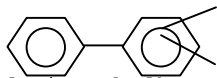
CAS Number	RTK Number	Substance Name	De minimis Concentration
39515-41-8	3253	Fenpropathrin (2,2,3,3-Tetramethylcyclopropane carboxylic acid cyano(3-phenoxyphenyl)methyl ester)	1.0
40487-42-1	3415	Pendimethalin (N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine)	PBT
41198-08-7	3737	Profenofos (O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propylphosphorothioate)	1.0
41766-75-0	3696	3,3'-Dimethylbenzidine dihydrofluoride (o-Tolidine dihydrofluoride)	0.1
42874-03-3	3411	Oxyfluorfen	1.0
43121-43-3	3179	Triadimefon (1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone)	1.0
50471-44-8	3494	Vinclozolin (3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione)	1.0
51235-04-2	3339	Hexazinone	1.0
51338-27-3	3686	Diclofop methyl (2-[4-(2,4-Dichlorophenoxy) phenoxy]propanoic acid, methyl ester)	1.0
51630-58-1	3134	Fenvalerate (4-Chloro-alpha-(1-methylethyl)benzeneacetic acid cyano(3-phenoxyphenyl)methyl ester)	1.0
52645-53-1	3422	Permethrin (3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid, (3-phenoxyphenyl)methyl ester)	1.0
53404-19-6	3651	Bromacil, lithium salt (2,4-(1H,3H)-Pyrimidinedione, 5-bromo-6-methyl-3 (1-methylpropyl), lithium salt)	1.0
53404-37-8	3668	2,4-D 2-ethyl-4-methylpentyl ester	0.1
53404-60-7	3665	Dazomet, sodium salt (Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione, ion(1-), sodium)	1.0
55290-64-7	3278	Dimethipin (2,3,-Dihydro-5,6-dimethyl-1,4-dithiin 1,1,4,4-tetraoxide)	1.0
55406-53-6	3708	3-Iodo-2-propynyl butylcarbamate	1.0
57213-69-1	3752	Triclopyr triethylammonium salt	1.0
59669-26-0	3747	Thiodicarb	1.0
60168-88-9	3703	Fenarimol (.alpha.-(2-Chlorophenyl)-.alpha.-4-chlorophenyl)-5-pyrimidinemethanol)	1.0
60207-90-1	3442	Propiconazole (1-[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]- methyl-1H-1,2,4,-triazole)	1.0
62476-59-9	3455	Acifluorfen, sodium salt [5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoic acid, sodium salt]	1.0
63938-10-3	0414	Chlorotetrafluoroethane	1.0
64902-72-3	3574	Chlorsulfuron (2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl) amino]carbonyl]benzenesulfonamide)	1.0
64969-34-2	3672	3,3'-Dichlorobenzidine sulfate	0.1
66441-23-4	3705	Fenoxaprop ethyl (2-(4-((6-Chloro-2-benzoxazolylen)oxy)phenoxy)propanoic acid, ethyl ester)	1.0
67485-29-4	3149	Hydramethylnon (Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone[3-[4-(trifluoromethyl)phenyl]- 1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone)	1.0
68085-85-8	3248	Cyhalothrin (3-(2-Chloro-3,3,3-trifluoro-1-propenyl)-2,2-Dimethylcyclo propanecarboxylic acid cyano(3-phenoxyphenyl) methyl ester)	1.0
68359-37-5	3180	Cyfluthrin (3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, cyano(4-fluoro-3-phenoxyphenyl)methyl ester)	1.0
69409-94-5	3310	Fluvalinate (N-[2-Chloro-4-(trifluoromethyl)phenyl]-DL-valine	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
		(+)-cyano(3-phenoxyphenyl)methyl ester)	
69806-50-4	3707	Fluazifop butyl (2-[4-[[5-(Trifluoromethyl)-2-pyridinyl]oxy]-phenoxy] propanoic acid, butyl ester)	1.0
71751-41-2	3175	Abamectin [Avermectin B1]	1.0
72178-02-0	3312	Fomesafen (5-(2-Chloro-4-(trifluoromethyl)phenoxy)-N methylsulfonyl)-2-nitrobenzamide)	1.0
72490-01-8	3706	Fenoxycarb (2-(4-Phenoxy-phenoxy)-ethyl]carbamic acid ethyl ester)	1.0
74051-80-2	3453	Sethoxydim (2-[1-(Ethoxyimino) butyl]-5-[2-(ethylthio)propyl]- 3-hydroxyl-2-cyclohexen-1-one)	1.0
76578-14-8	3173	Quizalofop-ethyl (2-[4-[(6-Chloro-2-quinoxalinyloxy]phenoxy] propanoic acid ethyl ester)	1.0
77501-63-4	3550	Lactofen (5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitro-2- ethoxy-1-methyl-2-oxoethyl ester)	1.0
82657-04-3	3194	Bifenthrin	1.0
88671-89-0	3462	Myclobutanil (.alpha.-Butyl-.alpha.-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile)	1.0
90454-18-5	3609	Dichloro-1,1,2-trifluoroethane	1.0
90982-32-4	3229	Chlorimuron ethyl (Ethyl-2-[[[(4-chloro-6-methoxyprimidin-2-yl)- carbonyl]-amino]sulfonyl]benzoate)	1.0
101200-48-0	3749	Tribenuron methyl (2-(4-Methoxy-6-methyl-1,3,5-triazin-2-yl)- methylamino)carbonyl)amino)sulfonyl)-, methyl ester)	1.0
111512-56-2	3680	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1.0
111984-09-9	3693	3,3'-Dimethoxybenzidine hydrochloride (o-Dianisidine hydrochloride)	0.1
127564-92-5	3681	Dichloropentafluoropropane	1.0
128903-21-9	3682	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	1.0
136013-79-1	3683	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1.0

Category Number	RTK Number	Chemical Category Name	De minimis Concentration
N010	2223	Antimony Compounds	1.0
N020	2138	Arsenic Compounds inorganic compounds	0.1
		 organic compounds	1.0
N040	2146	Barium Compounds (excludes Barium sulfate CAS# 7727-43-7)	1.0
N050	2163	Beryllium Compounds	0.1
N078	2199	Cadmium Compounds	0.1
N084	2976	Chlorophenols	0.1
		  Where x = 1 to 5	
N090	2245	Chromium Compounds chromium VI compounds	0.1
		 chromium III compounds	1.0
N096	2222	Cobalt Compounds	0.1
N100	2215	Copper Compounds	1.0
		(excludes C.I. Pigment Blue 15, C.I. Pigment Green 7, C.I. Pigment Green 36, and all copper phthalocyanine compounds substituted with only hydrogen and/or bromine and/or chlorine)	
N106	2308	Cyanide Compounds	1.0
		X^+CN^- where X = H^+ or any other group where a formal dissociation may occur.	
N120	3757	Diisocyanates	1.0
		This category includes only those chemicals listed below:	
		1,3-Bis(methylisocyanate)cyclohexane 38661-72-2	
		1,4-Bis(methylisocyanate)cyclohexane 10347-54-3	
		1,4-Cyclohexane diisocyanate 2556-36-7	
		Diethyldiisocyanatobenzene 134190-37-7	
		4,4'-Diisocyanatodiphenyl ether 4128-73-8	
		2,4'-Diisocyanatodiphenyl sulfide 75790-87-3	
		3,3'-Dimethoxybenzidine-4,4'-diisocyanate 91-93-0	
		3,3'-Dimethyl-4,4'-diphenylene diisocyanate 91-97-4	
		3,3'-Dimethyldiphenylmethane-4,4'-diisocyanate 139-25-3	
		Hexamethylene-1,6-diisocyanate 822-06-0	
		Isophorone diisocyanate 4098-71-9	
		4-Methyldiphenylmethane-3,4-diisocyanate 75790-84-0	
		1,1-Methylene bis(4-isocyanatocyclohexane) 5124-30-1	
		Methylenebis(phenylisocyanate) ² 101-68-8	
		1,5-Naphthalene diisocyanate 3173-72-6	
		1,3-Phenylene diisocyanate 123-61-5	
		1,4-Phenylene diisocyanate 104-49-4	
		Polymeric diphenylmethane diisocyanate 9016-87-9	
		2,2,4-Trimethylhexamethylene diisocyanate 16938-22-0	
		2,4,4-Trimethylhexamethylene diisocyanate 15646-96-5	
N150	3760	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	PBT

Category Number	RTK Number	Chemical Category Name	De minimis Concentration
		if they were created during the manufacturing of that chemical)	
		This category includes only the 17 listed chemicals below:	
		1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4
		1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7
		1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9
		1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9
		1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9
		2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5
		1,2,3,4,7,8-Hexachlorodibenzo- <i>p</i> -dioxin	39227-28-6
		1,2,3,6,7,8-Hexachlorodibenzo- <i>p</i> -dioxin	57653-85-7
		1,2,3,7,8,9-Hexachlorodibenzo- <i>p</i> -dioxin	19408-74-3
		1,2,3,4,6,7,8-Heptachlorodibenzo- <i>p</i> -dioxin	35822-46-9
		1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0
		1,2,3,4,6,7,8,9-Octachlorodibenzo- <i>p</i> -dioxin	3268-87-9
		1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6
		2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4
		1,2,3,7,8-Pentachlorodibenzo- <i>p</i> -dioxin	40321-76-4
		2,3,7,8-Tetrachlorodibenzofuran	51207-31-9
		2,3,7,8-Tetrachlorodibenz- <i>p</i> -dioxin	1746-01-6
N171	3614	Ethylenebisdithiocarbamic acid, salts and esters (EBDCs)	1.0
N230	3138	Glycol Ethers (excludes surfactant glycol ethers)	1.0
		consists of those glycol ethers that meet the following definition:	
		R-(OCH ₂ CH ₂) _n -OR'	
		where	
		n = 1,2, or 3;	
		R = alkyl C7 or less; or	
		R = phenyl or alkyl substituted phenyl;	
		R' = H or alkyl C7 or less; or	
		OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.	

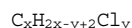
Category Number	RTK Number	Chemical Category Name	De minimis Concentration
N420	2266	Lead Compounds	PBT
N450	2324	Manganese Compounds	1.0
N458	2414	Mercury Compounds	PBT
N495	2366	Nickel Compounds	0.1
N503	2583	Nicotine and salts	1.0
N511	3722	Nitrate compounds	1.0
		(water dissociable; reportable only when in aqueous solution)	
N575	1552	Polybrominated Biphenyls (PBBs)	0.1



N583 3733 Polychlorinated alkanes (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 percent by weight which are subject to the 0.1 percent de minimis)

This category includes those chemicals defined by the following formula:



where

x = 10 to 13;

y = 3 to 12; and

where the average chlorine content ranges from 40-70% with the limiting molecular formulas $C_{10}H_{19}Cl_3$ and $C_{13}H_{16}Cl_{12}$.

N590 3758 Polycyclic aromatic compounds (PACs)

This category includes the chemicals listed below:

Benz[a]anthracene	56-55-3
Benzo[b]fluoranthene	205-99-2
Benzo[j]fluoranthene	205-82-3
Benzo[j,k]fluorene ³	206-44-0
Benzo[k]fluoranthene	207-08-9
Benzo[r,s,t]pentaphene	189-55-9
Benzo[a]phenanthrene	218-01-9
Benzo[a]pyrene	50-32-8
Dibenz[a,h]acridine	226-36-8
Dibenz[a,j]acridine	224-42-0
Dibenzo[a,h]anthracene	53-70-3
7H-Dibenzo[c,g]carbazole	194-59-2
Dibenzo[a,e]fluoranthene	5385-75-1
Dibenzo[a,e]pyrene	192-65-4
Dibenzo[a,h]pyrene	189-64-0
Dibenzo[a,l]pyrene	191-30-0
1,6-Dinitropyrene	42397-64-8
7,12-Dimethylbenz[a]anthracene	57-97-6
Indeno[1,2,3-cd]pyrene	193-39-5
3-Methylcholanthrene ³	56-49-5
5-Methylchrysene	3697-24-3
6-Nitrochrysene	7496-02-8
4-Nitropyrene	57835-92-4

<u>Category Number</u>	<u>RTK Number</u>	<u>Chemical Category Name</u>	<u>De minimis Concentration</u>
N725	2347	Selenium Compounds	1.0
N740	3008	Silver Compounds	1.0
N746	3741	Strychnine and salts	1.0
N760	2809	Thallium Compounds	1.0
N770	3492	Vanadium Compounds	1.0
N874	3627	Warfarin and salts	1.0
N982	3012	Zinc Compounds	1.0

1. When reporting a chemical category on the RPPR, the category code number is to be entered on Section B, #1.1, CAS No. (Category No.), on Section C, #1.1, CAS No. (Category No.), on Section D, #2.2, CAS Number (Category No.), and on the P2-115.
2. Methylenebis(phenylisocyanate) (CAS# 101-68-8), a previously listed substance, has been moved into the "Diisocyanates" category.
3. Two substances, benzo(j,k)fluorene (206-44-0) and 3-methylcholanthrene (56-49-5), were added to the Diisocyanates category effective RY 2000.

PBT = persistent, bioaccumulative and toxic substance that was recently listed and/or newly regulated at a lower threshold effective reporting year 2000 or 2001 (see page B.2-2 for more details on the PBT listings).

Should you have any questions regarding completion of the RPPR, contact the DEP's Office of Pollution Prevention and Right To Know at (609) 777-0518.