

Appendix B-4: Model output for U.S. EPA TRI list evaluation

CAS – Chemical Abstract Service; **K_{oc}** – Organic carbon-to-water partition coefficient; **K_{ow}** – Octanol-to-water partition coefficient; **S** – Solubility in water at 25°C; **H** – Henry’s Law Constant; **MW** – Molecular Weight

Physicochemical properties adopted from U.S. EPA (2012b).

Chemical Name <i>units</i>	CAS # --	K_{oc} <i>mL/g</i>	Log K_{ow} --	S <i>mg/L</i>	H <i>atm- m³/mol</i>	MW <i>g/mol</i>	Removal Efficiency <i>(%)</i>
1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	4080313	2	-5.92	1000000	1.76E-08	251.16	0.00%
1,1,1,2-Tetrachloro-2-	354110	790	2.8	209	0.003	185.84	90.84%
1,1,1,2-Tetrachloroethane	630206	93	2.93	1100	0.00242	167.85	90.50%
1,1,1-Trichloroethane	71556	90	2.49	1490	0.0172	133.41	94.45%
1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	354143	790	2.8	209	0.003	185.84	90.84%
1,1,2,2-Tetrachloroethane	79345	79	2.39	2960	0.000367	167.85	87.59%
1,1,2-Trichloroethane	79005	79	1.89	4420	0.000824	133.41	86.07%
1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	13474889	1220	3.14	15.9	0.502	202.94	96.80%
1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	812044	361	2.17		0.0955	152.93	96.22%
1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	111512562	1220	3.14	15.9	0.502	202.94	96.80%
1,1-Dichloro-1-fluoroethane	1717006	57	2.37	2632	0.0241	116.95	94.96%
1,1-Dimethylhydrazine	57147	2	-1.19	1000000	1.24E-05	60.1	2.73%
1,2,3-Trichloropropane	96184	72	2.27	1750	0.000343	147.43	87.18%
1,2,4-Trichlorobenzene	120821	2200	4.02	49	0.00142	181.45	89.89%
1,2,4-Trimethylbenzene	95636	470	3.63	57	0.00616	120.2	92.59%
1,2-Butylene oxide	106887	8	0.86	95000	0.00018	72.11	61.39%
1,2-Dibromo-3-	96128	130	2.96	1230	0.000147	236.33	88.16%
1,2-Dibromoethane	106934	58	1.96	4150	0.000667	187.86	86.25%
1,2-Dibromotetrafluoroethane	124732	1200	2.96	11.19	0.162	259.82	96.58%
1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	422446	1220	3.14	15.9	0.502	202.94	96.80%
1,2-Dichloro-1,1,2-trifluoroethane	354234	361	2.17	186	0.0955	152.93	96.22%
1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	431867	1220	3.14		0.502	202.94	96.80%
1,2-Dichloro-1,1-	1649087	98	2.31	999	0.048	134.94	95.78%

difluoroethane							
1,2-Dichlorobenzene	95501	290	3.43	156	0.00192	147	90.27%
1,2-Dichloroethane	107062	37	1.48	8520	0.00118	98.96	82.88%
1,2-Dichloroethylene	540590	49	1.86	3500	0.00408	96.94	89.82%
1,2-Dichloropropane	78875	27	1.98	2800	0.00282	112.99	89.19%
1,2-Diphenylhydrazine	122667	224	2.94	221	4.39E-09	184.24	87.93%
1,2-Phenylenediamine	95545	13	0.15	40400	7.20E-09	108.14	24.40%
1,2-Phenylenediamine dihydrochloride	615281	29	0.16	82200	6.73E-10	108.14	24.81%
1,3-Butadiene	106990	116	1.99	735	0.0736	54.09	95.99%
1,3-Dichloro-1,1,2,2,3-pentafluoropropane	507551	1220	3.14	15.9	0.502	202.94	96.80%
1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	136013791	1220	3.14	15.9	0.502	202.94	96.80%
1,3-Dichlorobenzene	541731	375	3.53	125	0.00263	147	90.83%
1,3-Dichloropropylene	542756	110	2.29	2800	0.00355	110.97	90.62%
1,3-Phenylenediamine	108452	4.8	-0.33	238000	1.25E-09	108.14	9.91%
1,4-Dichloro-2-butene	764410	130	2.6	580	0.00851	125	93.05%
1,4-Dichlorobenzene	106467	900	3.44	81.3	0.00241	147	90.66%
1,4-Phenylenediamine dihydrochloride	624180	16	-0.39	199000	6.73E-10	108.14	8.76%
1-Amino-2-methylanthraquinone	82280	8000	4.07	0.332	1.24E-12	237.26	88.27%
1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	35691657	184	1.63	424	3.94E-10	265.94	81.26%
1-Chloro-1,1,2,2-tetrafluoroethane	354256	245	1.86	404	0.54	136.48	96.58%
1-Chloro-1,1-difluoroethane	75683	81	2.05	1400	0.0588	100.5	95.84%
2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	128903219	1220	3.14	15.9	0.502	202.94	96.80%
2,2-Dichloro-1,1,1-trifluoroethane	306832	79	2.17	1488	0.0256	152.93	94.94%
2,3,5-trimethylphenyl	2655154	470	2.56	58	4.32E-08	193.25	87.41%
2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	422480	1220	3.14		0.502	202.94	96.80%
2,3-Dichloropropene	78886	64	2.42	2150	0.00416	110.97	91.20%
2,4,5-Trichlorophenol	95954	1100	3.72	1200	1.62E-06	197.45	88.24%
2,4,6-Trichlorophenol	88062	604	3.69	800	2.60E-06	197.45	88.24%
2,4-D ((2,4-dichlorophenoxy)acetic acid)	94757	84	2.81	677	3.54E-08	221.04	87.80%
2,4-D 2-ethyl-4-methylpentyl ester	53404378	24900	5.55		0.000029		88.31%
2,4-D 2-ethylhexyl ester	1928434	61400	6.27	0.0347	2.14E-05	333.26	88.20%

2,4-D butoxyethyl ester	1929733	1100	4.1	12	1.59E-07	321.2	88.28%
2,4-D butyl ester	94804	530	4.38	46	4.88E-07	277.15	88.29%
2,4-D chlorocrotyl ester	2971382	6050	4.42	1.83	2.14E-06	309.58	88.29%
2,4-D isopropyl ester	94111	600	3.81	37.34	2.15E-06	263.12	88.26%
2,4-D sodium salt	2702729	4	-1.19	335000	1.96E-10	243.02	1.52%
2,4-D, propylene glycol butylether ester	1320189	5400	4.34	1.24	2.18E-08	349.21	88.28%
2,4-DB	94826	530	3.53	46	2.29E-09	249.1	88.21%
2,4-Diaminoanisole	615054	19	-0.31	19500	7.22E-10	138.17	10.32%
2,4-Diaminoanisole sulfate	39156417	16	-4.2	1000000	1.16E-24	234.23	0.00%
2,4-Diaminotoluene	95807	9.1	0.14	74820	7.92E-10	122.17	23.99%
2,4-Dichlorophenol	120832	1570	3.06	4500	5.51E-06	163	88.03%
2,4-Dimethylphenol	105679	31	2.3	7870	9.51E-07	122.17	86.70%
2,4-Dinitrotoluene	121142	200	1.98	270	5.40E-08	182.14	85.01%
2,4-Dithiobiuret	541537	57	-1.52	2700	7.23E-09	135.21	0.72%
2,4-DP (Dichlorprop)	120365	170	3.43	350	8.68E-11	235.07	88.18%
2,6-Dinitrotoluene	606202	100	2.1	182	7.47E-07	182.14	85.78%
2-Acetylaminofluorene	53963	1700	3.12	5.534	1.92E-10	223.28	88.06%
2-Aminoanthraquinone	117793	11800	3.31	0.163	9.19E-11	223.23	88.13%
2-Chloro-1,1,1,2-tetrafluoroethane	2837890	245	1.86	404	0.54	136.48	96.58%
2-Chloro-1,1,1-trifluoroethane	75887	29	1.99	9203	0.271	118.49	96.53%
2-Chloroacetophenone	532274	75	1.93	1635	3.46E-06	154.6	84.63%
2-Ethoxyethanol	110805	2	-0.32	1000000	4.70E-07	90.12	10.16%
2-Mercaptobenzothiazole	149304	310	2.42	120	3.63E-08	167.25	87.08%
2-Methoxyethanol	109864	2	-0.77	1000000	3.30E-07	76.1	3.91%
2-Methylpyridine	109068	2	1.11	1000000	9.96E-06	93.13	68.70%
2-Nitrophenol	88755	113	1.79	2500	1.28E-05	139.11	83.34%
2-Nitropropane	79469	21	0.93	17000	0.000119	89.1	63.26%
2-Phenylphenol	90437	119	3.09	700	1.05E-06	170.21	88.04%
3,3-Dichloro-1,1,1,2-pentafluoropropane (HCFC-225ca)	422560	1220	3.14	15.9	0.502	202.94	96.80%
3,3'-Dichlorobenzidine	612839	1930	0.45	3590	2.44E-19	326.05	38.18%
3,3'-Dichlorobenzidine	91941	47000	3.51	3.1	2.84E-11	253.13	88.16%
3,3'-Dichlorobenzidine sulfate	64969342	1930	3.21	22.9	2.84E-11	253.13	88.10%
3,3'-Dimethoxybenzidine	119904	460	1.81	60	4.70E-11	244.3	83.52%
3,3'-Dimethoxybenzidine dihydrochloride	20325400	93	2.08	724	1.81E-13	244.3	85.67%
3,3'-Dimethylbenzidine	119937	85	2.34	1300	6.29E-11	212.3	86.84%
3,3'-Dimethylbenzidine	612828	1050	3.02	379	6.29E-11	212.3	87.99%

dihydrochloride								
3,3-Dimethylbenzidine dihydrofluoride	41766750	447	2.34		8.10E-11			86.83%
3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	460355	532	2.48	123	0.36	132.51		96.71%
3-Chloro-2-methyl-1-propene	563473	81	2.48	1400	0.0087	90.55		93.03%
3-Chloropropionitrile	542767	12	0.18	47590	1.43E-05	89.53		26.44%
3-Iodo-2-propynyl butylcarbamate	55406536	513	2.45	127	8.93E-09	281.09		87.16%
4,4'-Diaminodiphenylether	101804	134	1.36	559.7	1.50E-11	200.24		76.02%
4,4'-Isopropylidenediphenol	80057	310	3.32	120	1.00E-11	228.29		88.15%
4,4'-Methylenebis(2-chloroaniline)	101144	8000	3.91	13.9	4.06E-11	267.16		88.26%
4,4'-Methylenebis(N,N-dimethylbenzenamine)	101611	2000	4.37	4.14	1.07E-09	254.38		88.29%
4,4'-Methylenedianiline	101779	98	1.59	1000	5.60E-11	198.27		80.64%
4,4'-Thiodianiline	139651	190	2.18	310	3.92E-12	216.31		86.20%
4,6-Dinitro-o-cresol	534521	257	2.12	198	1.40E-06	198.14		85.90%
4-Aminoazobenzene	60093	650	3.41	32	8.70E-11	197.24		88.18%
4-Aminodiphenyl	92671	223	2.86	223.9	1.46E-07	169.23		87.86%
4-Dimethylaminoazobenzene	60117	9800	4.58	0.23	4.00E-10	225.3		88.29%
4-Nitrobiphenyl	92933	1240	3.82	9.835	3.54E-06	199.21		88.26%
4-Nitrophenol	100027	141	1.91	11600	4.15E-10	139.11		84.46%
5-Nitro-o-anisidine	99592	321	1.47	115	1.25E-08	168.15		78.47%
5-Nitro-o-toluidine	99558	69	1.87	1878	1.77E-08	152.15		84.11%
Abamectin	71751412	1800	4.98	5	2.26E-10	870.29		88.29%
Acephate	30560191	2.4	-0.85	818000	5.01E-13	183.17		3.25%
Acetaldehyde	75070	2	-0.34	1000000	6.67E-05	44.05		14.95%
Acetamide	60355	4.9	-1.26	2250000	1.12E-08	59.07		1.30%
Acetonitrile	75058	2	-0.34	1000000	3.45E-05	41.05		12.50%
Acetophenone	98862	57	1.58	6130	1.04E-05	120.15		80.51%
Acifluorfen, sodium salt	62476599	38	0.37	250000	2.97E-07	384.65		34.26%
Acrolein	107028	5	-0.01	212000	0.000122	56.06		25.97%
Acrylamide	79061	50	-0.67	640000	1.00E-09	71.08		4.83%
Acrylonitrile	107131	9	0.25	74500	0.000138	53.06		35.18%
Alachlor	15972608	191	3.52	240	2.23E-08	269.77		88.21%
Aldicarb	116063	21	1.13	6030	1.44E-09	190.27		69.30%
Aldrin	309002	8220	6.5	0.017	0.000044	364.92		88.21%
Allyl alcohol	107186	2	0.17	1000000	4.99E-06	58.08		25.51%
Allyl chloride	107051	50	1.93	3370	0.011	76.53		92.95%
Allylamine	107119	2	0.03	1000000	1.82E-05	57.1		21.01%
alpha-Naphthylamine	134327	3210	2.25	1700	1.11E-07	143.19		86.50%
Aluminum (fume or dust)	7429905	14	0.33	59400	0.0245	26.98		92.73%
Ametryn	834128	389	2.98	209	2.43E-09	227.33		87.96%

Amitraz	33089611	4400	5.5	1	9.87E-06	293.42	88.30%
Amitrole	61825	4.4	-0.86	280000	2.21E-13	84.08	3.18%
Ammonia	7664417	14	0.23	482000	1.61E-05	17.03	28.63%
Ammonium Nitrate	6484522	14	-4.39	2000000	1.23E-14	80.04	0.00%
Ammonium sulfate	7783202	24	0.48	434700	5.87E-22	132.14	39.68%
Anilazine	101053	1400	3.88	8	2.81E-10	275.53	88.26%
Aniline	62533	240	0.9	36000	2.02E-06	93.13	60.28%
Anthracene	120127	25000	4.45	0.0434	5.56E-05	178.24	88.35%
Antimony	7440360	14	0.73	22970	0.0245	124.77	93.04%
Antimony compounds	N010	14	0.73	22970	0.0245	124.77	93.04%
Arsenic	7440382	14	0.68	34710	0.773	77.95	96.05%
Arsenic compounds	N020	14	0.68	34710	0.773	77.95	96.05%
Atrazine	1912249	570	2.61	34.7	2.36E-09	215.69	87.51%
Auramine	492808	489	2.98	53.54	3.64E-09	267.38	87.96%
Bendiocarb	22781233	210	1.7	260	3.90E-08	223.23	82.23%
Benfluralin	1861401	10700	5.29	0.1	0.000291	335.29	88.66%
Benomyl	17804352	2100	2.12	3.8	4.93E-12	290.32	85.89%
Benzamide	55210	23	0.64	13500	2.45E-10	121.14	47.79%
Benzene	71432	29	2.13	1790	0.00555	78.12	91.47%
Benzidine	92875	174000	1.34	322	3.88E-11	184.24	75.38%
Benzyl chloride	100447	139	2.3	525	0.000412	126.59	87.39%
Beryllium	7440417	14	-0.57	148900	0.0154	9.01	90.56%
Beryllium compounds	N050	14	-0.57	148900	0.0154	9.01	90.56%
beta-Naphthylamine	91598	1600	2.28	6.4	8.10E-08	143.19	86.62%
beta-Propiolactone	57578	3.8	-0.8	370000	1.28E-05	72.06	4.83%
Bifenthrin	82657043	15000	6	0.1	0.000001	422.88	88.25%
Biphenyl	92524	12000	3.98	6.94	0.000308	154.21	88.67%
Bis(2-chloro-1-methethyl)ether	108601	52	2.48	1700	7.42E-05	171.07	87.36%
Bis(2-chloroethoxy)methane	111911	32	1.3	7800	1.70E-07	173.04	74.49%
Bis(2-chloroethyl)ether	111444	79	1.29	17200	0.000017	143.01	74.34%
Bis(tributyltin) oxide	56359	300	4.05	100	94.5	596.08	96.92%
Boron trichloride	10294345	35	1.16	10510	0.0183	117.17	92.81%
Bromacil	314409	69	2.11	815	1.05E-10	261.12	85.84%
Bromacil lithium salt	53404196	120	1.87	700	1.51E-16		84.11%
Bromine	7726956	14	1.03	35000	0.0245	159.82	93.42%
Bromochlorodifluoromethane	353593	198	1.9	276.5	0.094	165.36	96.10%
Bromoform (Tribromomethane)	75252	52	2.4	3100	0.000535	252.73	87.87%
Bromomethane (Methyl bromide)	74839	9.9	1.19	15200	0.00624	94.94	88.29%
Bromotrifluoromethane (Halon 1301)	75638	180	1.86	320	0.499	148.91	96.57%
Bromoxynil	1689845	300	2.8	130	1.32E-10	276.92	87.79%
Bromoxynil octanoate	1689992	18000	6.1	0.08	3.19E-05	403.12	88.27%
Brucine	357573	52	0.98	3200	2.09E-16	394.47	63.65%
Butyl acrylate	141322	67	2.36	2000	0.000657	128.17	87.94%
Butyraldehyde	123728	9.4	0.88	71000	0.000115	72.11	61.21%
C.I. Acid Green 3	4680788	3.45E+09	-3.2	217	4.83E-29	690.82	0.00%

C.I. Acid Red 114	6459945	450000	7.86	2.52E-06	5.08E-31	830.83	84.87%
C.I. Basic Green 4	569642	13	0.62	40000	1.93E-14	364.92	46.78%
C.I. Basic Red 1	989388	38100	0.72	238	2.56E-18	479.02	51.76%
C.I. Direct Black 38	1937377	53	4.9	3000	8.23E-40	779.77	88.30%
C.I. Direct Blue 6	2602462	620	2.6	0.000137	9.11E-44	932.76	87.49%
C.I. Direct Brown 95	16071866	1080000	-6.53	1000000	1.00E-24	760.11	0.01%
C.I. Disperse Yellow 3	2832408	3990	3.98	1.18	1.50E-11	269.31	88.27%
C.I. Food Red 15	81889	25	1.95	12000	2.40E-24	480.03	84.78%
C.I. Food Red 5	3761533	550	2.5	1580	3.97E-23	482.43	87.28%
C.I. Solvent Orange 7	3118976	21600	6.6	0.05445	2.74E-11	276.34	88.11%
C.I. Solvent Yellow 14	842079	5400	5.51	0.6738	2.62E-11	248.29	88.28%
C.I. Solvent Yellow 3	97563	1500	4.29	7	3.18E-08	225.3	88.29%
C.I. Vat Yellow 4	128665	114000	6.28	0.002637	8.31E-12	332.36	88.13%
Cadmium	7440439	14	-0.07	122800	0.0308	112.4	93.26%
Cadmium compounds	N078	14	-0.07	122800	0.0308	112.4	93.26%
Captan	133062	200	2.8	5.1	7.00E-09	300.59	87.79%
Carbaryl	63252	210	2.36	110	3.27E-09	201.23	86.90%
Carbofuran	1563662	62	2.32	320	3.09E-09	221.26	86.77%
Carbon disulfide	75150	89	1.94	1180	0.0144	76.14	93.62%
Carbon tetrachloride	56235	71	2.83	793	0.0276	153.82	95.28%
Carbonyl sulfide	463581	88	-1.33	1220	0.61	60.08	95.85%
Carboxin	5234684	237	2.14	199	2.80E-10	235.31	86.00%
Catechol	120809	118	0.88	461000	3.14E-09	110.11	59.35%
CFC 114 (1,2-dichloro,1,1,2,2-tetrafluoroethane)	76142	300	2.82	130	2.8	170.92	96.87%
CFC 115 (chloropentafluoroethane)	76153	470	2.47	58	5.58	154.47	96.85%
CFC-11 (trichlorofluoromethane)	75694	93	2.53	1100	0.097	137.37	96.33%
CFC-12 (dichlorodifluoromethane)	75718	200	2.16	280	0.343	120.91	96.63%
Chinomethionat (6-methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one)	2439012	4400	3.78	1	6.17E-08	234.3	88.25%
Chloramben	133904	130	1.9	700	3.87E-11	206.03	84.37%
Chlordane	57749	38000	6.16	0.056	4.86E-05	409.78	88.27%
Chlorendic acid	115286	49	3.14	3500	1.12E-13	388.85	88.07%
Chlorimuron ethyl	90982324	88	2.5	1200	1.82E-15	414.83	87.28%
Chlorine	7782505	14	0.85	6300	0.0117	70.91	90.37%
Chlorine dioxide*	10049044	24	-3.22	1000000	0.0245	67.45	92.47%
Chlorobenzene	108907	430	2.84	498	0.00311	112.56	90.94%
Chlorobenzilate	510156	1100	4.74	13	7.24E-08	325.19	88.29%
Chlorodifluoromethane (HCFC-22)	75456	56	1.08	2770	0.0406	86.47	94.54%
Chloroethane (Ethyl chloride)	75003	38	1.43	5680	0.0111	64.52	91.80%
Chloroform	67663	45	1.97	7950	0.00367	119.38	89.89%
Chloromethane	74873	39	0.91	5320	0.00882	50.49	89.03%
Chlorophenols	N084	4800	5.12	14	2.45E-08	266.34	88.29%

Chloropicrin	76062	81	2.09	1620	0.00205	164.38	88.81%
Chloroprene	126998	105	2.53	874.9	0.0561	88.54	95.97%
Chlorotetrafluoroethane	63938103	245	1.86	0.00917	1.53E-05	136.48	84.05%
Chlorothalonil	1897456	1820	3.05	0.6	0.000002	265.91	88.02%
Chlorotrifluoromethane	75729	370	1.65	90	1.38	104.46	96.55%
Chlorpyrifos methyl	5598130	3311	4.31	4.76	3.75E-06	322.54	88.29%
Chlorsulfuron	64902723	16	2	28000	3.90E-15	357.78	85.15%
Copper	7440508	14	-0.57	420800	0.0245	63.55	92.51%
Copper compounds	N100	14	-0.57	420800	0.0245	63.55	92.51%
Cresol (mixed isomers)	1319773	29	1.95	9066	6.19E-07	324.42	84.79%
Crotonaldehyde	4170303	5.6	0.6	181000	9.68E-06	70.09	46.06%
Cumene	98828	454	3.66	61.3	0.0115	120.2	93.90%
Cumene hydroperoxide	80159	23	2.16	13900	4.71E-08	152.19	86.10%
Cupferron	135206	2.9	-1.73	608000	3.62E-09	155.16	0.44%
Cyanazine	21725462	191	2.22	170	2.96E-12	240.7	86.38%
Cyanide compounds	N106	4.5	-1.49	1000000	0.000122	89.56	11.68%
Cycloate	1134232	347	3.88	85	6.70E-06	215.36	88.27%
Cyclohexane	110827	480	3.44	55	0.15	84.16	96.58%
Cyclohexanol	108930	13	1.23	42000	4.40E-06	100.16	72.54%
Cyfluthrin	68359375	110000	5.95	0.003	2.90E-08	434.3	88.17%
Cyhalothrin	68085858	80000	6.8	0.005	1.48E-06	449.86	87.96%
Dazomet	533744	53	1.4	3000	4.98E-10	162.28	76.97%
Dazomet, sodium salt	53404607	53	1.4	3000	1.97E-10		76.97%
Decabromodiphenyl ether	1163195	33000	12.11	0.025	1.19E-08	959.17	0.14%
Desmedipham	13684565	1500	3.39	7	1.69E-10	300.32	88.17%
Di(2-ethylhexyl) phthalate	117817	87400	7.6	0.27	2.70E-07	390.57	86.51%
Diallate	2303164	720	4.49	14	3.80E-06	270.22	88.30%
Diaminotoluene (mixed isomers)	25376458	9.1	0.16	74820	7.43E-10	610.86	24.81%
Diazinon	333415	534	3.81	40	1.13E-07	304.35	88.25%
Diazomethane	334883	58	2	2549	3.37E-08	42.04	85.15%
Dibenzofuran	132649	8100	4.12	3.1	0.000213	168.2	88.56%
Dibutyl phthalate	84742	3400	4.5	11.2	1.81E-06	278.35	88.29%
Dicamba	1918009	5.5	2.21	8310	2.18E-09	221.04	86.33%
Dichloran	99309	5000	2.8	7	4.67E-08	207.02	87.79%
Dichloro-1,1,2-trifluoroethane	90454185	361	2.17		0.0955	152.93	96.22%
Dichlorobenzene (mixed isomers)	25321226	390	3.28	80	0.00355	441.01	91.37%
Dichlorobromomethane	75274	53	2	3032	0.00212	163.83	88.55%
Dichlorofluoromethane	75434	19	1.55	18800	0.0108	120.92	92.05%
Dichloromethane	75092	28	1.25	13000	0.00325	84.93	84.95%
Dichloropentafluoropropane	127564925	1220	3.14		0.502	202.94	96.80%
Dichlorophene	97234	670	4.26	30	1.15E-12	269.13	88.28%
Dichlorotrifluoroethane	34077877	361	2.17		0.0955	152.93	96.22%
Dichlorvos	62737	47	1.47	8000	5.74E-07	220.98	78.47%

Diclofop methyl	51338273	4900	4.62	0.8	1.97E-06	341.19	88.29%
Dicofol	115322	4900	5.02	0.8	2.42E-07	370.49	88.29%
Dicyclopentadiene	77736	720	3.16	26.47	0.0625	132.21	96.13%
Diepoxybutane	1464535	2	-0.28	1000000	3.54E-08	86.09	10.97%
Diethanolamine	111422	2	-1.43	1000000	3.87E-11	105.14	0.88%
Diethyl ethyl	38727558	338	3.6	105	6.03E-09	311.81	88.22%
Diethyl sulfate	64675	34	1.14	7000	6.14E-06	154.19	69.70%
Diflubenzuron	35367385	6760	3.88	0.08	4.60E-09	310.69	88.26%
Diglycidyl resorcinol ether	101906	111	1.23	2960	2.80E-10	222.24	72.51%
Dihydrosafrole	94586	470	3.58	56.87	1.22E-05	164.21	88.23%
Dimethipin	55290647	42	-0.17	4600	2.30E-11	210.27	13.64%
Dimethoate	60515	11	0.78	25000	1.05E-10	229.26	54.71%
Dimethyl chlorothiophosphate	2524030	43	1.39	4400	0.00152	160.56	82.65%
Dimethyl phthalate	131113	40	1.6	4000	1.97E-07	194.19	80.80%
Dimethyl sulfate	77781	16	0.16	28000	0.000004	126.13	25.04%
Dimethylamine	124403	435	-0.38	1630000	1.77E-05	45.08	10.42%
Dimethylamine dicamba	2300665	2.6	1.13	720000	5.55E-17	266.13	69.30%
Dinitrobutyl phenol	88857	124	3.56	52	4.56E-07	240.22	88.21%
Dinitrotoluene (mixed	25321146	200	2.18	270	9.26E-08	546.41	86.20%
Dinocap	39300453	2000	5.98	4	4.79E-09	364.4	88.26%
Dioxane	123911	2	-0.27	1000000	4.80E-06	88.11	11.58%
Diphenamid	957517	210	2.17	260	3.63E-11	239.32	86.15%
Diphenylamine	122394	600	3.5	53	3.39E-06	169.23	88.20%
Dipotassium endothall	2164070	330	1.89	110	3.62E-15	186.17	84.29%
Dipropyl isocinchomeronate	136458	822	3.57	20.8	9.09E-10	251.28	88.22%
Disodium cyanodithioimidocarbonate	138932	35	0.31	2740	0.000776	118.17	55.13%
Diuron	330541	350	2.68	42	5.04E-10	233.1	87.63%
Dodine	2439103	130	-0.88	630	9.01E-11	287.45	3.04%
D-trans-allethrin (D-trans-chrysanthemic acid of D-allethrine)	28057489	9490	4.78		6.12E-07		88.29%
Epichlorohydrin	106898	10	0.45	65900	3.04E-05	92.53	39.35%
Ethoprop	13194484	110	3.59	750	1.62E-07	242.34	88.22%
Ethyl acrylate	140885	22	1.32	15000	0.000339	100.12	76.99%
Ethyl chloroformate	541413	15	0.63	32060	0.00312	108.53	78.82%
Ethyl dipropylthiocarbamate	759944	200	3.21	375	1.59E-05	189.32	88.13%
Ethylbenzene	100414	190	3.15	169	0.00788	106.17	93.07%
Ethylene	74851	299	1.13	131	0.228	28.05	96.00%
Ethylene glycol	107211	2	-1.36	1000000	6.00E-08	62.07	1.04%
Ethylene oxide	75218	2	-0.3	1000000	0.000148	44.05	21.18%
Ethylene thiourea	96457	19	-0.66	20000	1.36E-11	102.16	4.93%
Ethylenebisdithiocarbamic acid, salts and esters (EBDCs)	N171	22	0.3	14530	5.33E-08	504.13	30.94%
Ethyleneimine (Aziridine)	151564	2	-0.28	1000000	1.21E-05	43.07	11.94%
Ethylidene dichloride	75343	40	1.79	5060	0.00562	98.96	90.60%

Famphur	52857	332	2.23	108.5	1.61E-08	325.34	86.42%
Fenarimol	60168889	1000	3.6	14	7.00E-09	331.2	88.22%
Fenbutatin oxide (Vendex)	13356086	48000	5.2	0.0127	0.028	1052.7	95.14%
Fenoxaprop ethyl	66441234	4600	4.95	0.9	1.96E-11	361.78	88.29%
Fenoxycarb	72490018	1600	4.3	6	4.30E-10	301.35	88.29%
Fenpropathrin	39515418	8000	5.7	0.33	7.64E-06	349.43	88.28%
Fenthion	55389	1400	4.09	7.5	1.46E-06	278.33	88.28%
Fenvalerate	51630581	34000	6.2	0.024	3.45E-08	419.91	88.21%
Ferbam (Tris(dimethylcarbamodithioato-S,S')iron)	14484641	300	-1.6	130	1.00E-24	416.49	0.60%
Fluazifop butyl	69806504	4400	4.5	1	2.08E-07	383.37	88.29%
Fluometuron	2164172	175	2.42	110	2.61E-09	232.21	87.08%
Fluorine	7782414	14	0.22	1.69	0.0245	38	92.68%
Fluorouracil (5-fluorouracil)	51218	26	-0.89	11100	1.66E-10	130.08	2.97%
Fluvalinate	69409945	80000	6.81	0.005	1.45E-08	502.93	87.95%
Folpet	133073	1860	2.85	1	3.81E-06	296.56	87.85%
Fomesafen	72178020	510	2.9	50	7.53E-13	438.77	87.89%
Formaldehyde	50000	3.6	0.35	400000	3.37E-07	30.03	33.30%
Freon 113	76131	260	3.16	170	0.526	187.38	96.81%
Glycol ethers	N230	2	-0.77	1000000	3.30E-07	76.1	3.91%
Heptachlor	76448	11000	6.1	0.18	0.000294	373.32	88.60%
Hexachloro-1,3-butadiene	87683	2300	4.78	3.2	0.0103	260.76	93.68%
Hexachlorobenzene	118741	16300	5.73	0.0062	0.0017	284.78	90.05%
Hexachlorocyclohexane	319846	2000	3.8	2	1.22E-05	290.83	88.27%
Hexachlorocyclopentadiene	77474	2000	5.04	1.8	0.027	272.77	95.30%
Hexachloroethane	67721	2188	4.14	50	0.00389	236.74	91.62%
Hexachloronaphthalene	1335871	160000	7.04	0.0015	0.000087	334.85	87.75%
Hexachlorophene	70304	5000	7.54	140	5.48E-13	406.91	86.79%
Hexamethylphosphoramide	680319	2	0.28	1000000	2.00E-08	179.2	30.02%
Hexazinone	51235042	14	1.85	33000	2.26E-12	252.32	83.92%
Hydramethylnon	67485294	73000	2.31	0.006	2.20E-06	494.49	86.67%
Hydrazine sulfate	10034932	15	-4.05	30303	8.72E-14	128.1	0.00%
Hydrochloric acid	7647010	14	0.54	823000	0.0245	36.45	92.87%
Hydrogen cyanide	74908	2	-0.25	1000000	0.000133	27.03	21.11%
Hydroquinone	123319	9.3	0.59	72000	4.73E-11	110.11	45.26%
Imazalil	35554440	250	3.82	180	2.59E-09	297.19	88.25%
Isobutyraldehyde	78842	8	0.74	89000	0.00018	72.11	56.54%
Isodrin	465736	45400	6.75	0.01415	0.000387	364.92	88.38%
Isofenphos	25311711	795	4.12	22.1	6.17E-08	345.4	88.28%
Isopropyl alcohol	67630	2	0.05	1000000	8.10E-06	60.1	21.07%
Isosafrole	120581	283	3.37	144.3	0.036	162.19	95.65%
Lactofen	77501634	15000	4.81	0.1	5.73E-10	461.78	88.28%
Lead	7439921	14	0.73	9581	0.0245	209.21	93.04%
Lead compounds	N420	14	0.73	9581	0.0245	209.21	93.04%
Lindane	58899	1290	3.72	7.3	5.14E-06	290.83	88.25%
Linuron	330552	1510	3.2	75	6.25E-09	249.1	88.10%

Malathion	121755	1800	2.36	143	4.89E-09	330.36	86.90%
Malonitrile	109773	6.6	-0.6	133000	1.27E-08	66.06	5.62%
Maneb	12427382	550	0.62	6	4.86E-09	295.37	46.78%
m-Cresol	108394	35	1.96	22700	8.56E-07	108.14	84.86%
m-Dinitrobenzene	99650	138	1.49	533	4.90E-08	168.11	78.86%
Mecoprop	93652	130	3.13	620	1.82E-08	214.65	88.06%
Mercury	7439976	14	0.62	0.06	0.008622	200.59	88.02%
Mercury compounds	N458	14	0.62	0.06	0.008622	200.59	88.02%
Merphos	150505	98000	7.67	0.0035	2.27E-05	298.51	86.22%
Methacrylonitrile	126987	16	0.68	25400	0.000247	67.09	55.42%
Metham sodium	137428	2.6	-2.62	722000	0.000177	129.18	15.32%
Methanol	67561	2	-0.77	1000000	4.55E-06	32.04	4.31%
Methazole	20354261	2630	3.22	1.5	2.29E-07	261.07	88.11%
Methiocarb	2032657	209	2.92	27	1.18E-09	225.31	87.91%
Methoxone (MCPA)	94746	130	3.25	630	1.33E-09	200.62	88.12%
Methoxone sodium salt	3653483	4.5	-1.29	270000	1.38E-08	222.61	1.21%
Methoxychlor	72435	63000	5.08	0.1	2.03E-07	345.66	88.24%
Methyl acrylate	96333	11	0.8	49400	0.000199	86.09	59.32%
Methyl ethyl ketone	78933	5	0.29	223000	5.69E-05	72.11	33.18%
Methyl hydrazine	60344	2	-1.05	1000000	3.03E-06	46.07	2.38%
Methyl iodide	74884	23	1.51	13800	0.00526	141.94	89.16%
Methyl isobutyl ketone	108101	19	1.31	19000	0.000138	100.16	75.62%
Methyl isothiocyanate	556616	6	0.94	7600	4.48E-05	73.12	62.63%
Methyl methacrylate	80626	22	1.38	15000	0.000319	100.12	78.16%
Methyl parathion	298000	5100	2.86	37.7	1.00E-07	263.21	87.85%
Methyl tert-butyl ether	1634044	11	0.94	51000	0.000587	88.15	68.92%
Methylene bromide	74953	25	1.7	11900	0.000822	173.84	84.48%
Metiram	9006422	22	0.3	14530	5.33E-08	504.13	30.94%
Metribuzin	21087649	95	1.7	1050	1.17E-10	214.29	82.23%
Mevinphos	7786347	200	0.13	600000	6.39E-11	224.15	23.59%
Michlers Ketone	90948	162	3.87	400	4.91E-10	268.36	88.26%
Molinate	2212671	83	3.21	970	4.10E-06	187.31	88.11%
Monuron	150685	110	1.94	230	5.72E-10	198.65	84.71%
Mustard gas	505602	120	2.41	684	2.75E-05	159.08	87.10%
m-Xylene	108383	178	3.2	161	0.00718	106.17	92.88%
Myclobutanil	88671890	286	2.94	142	4.28E-09	274.76	87.93%
N,N-Dimethylaniline	121697	80	2.31	1450	5.68E-05	121.18	86.83%
N,N-Dimethylformamide	68122	2	-1.01	1000000	7.39E-08	73.1	2.28%
Nabam	142596	5.3	-4.24	200000	1.60E-18	256.34	0.00%
Naled	300765	3500	1.38	1.5	6.51E-05	380.79	76.86%
Naphthalene	91203	1500	3.3	31	0.00044	128.18	88.73%
n-Butyl alcohol	71363	10	0.88	63200	8.81E-06	74.12	59.50%
n-Hexane	110543	1300	3.9	9.5	1.8	86.18	96.89%
Nickel	7440020	14	-0.57	421600	0.0245	58.71	92.51%
Nickel compounds	N495	14	-0.57	421600	0.0245	58.71	92.51%
Nicotine and salts	N503	2	1.17	1000000	3.00E-09	162.24	70.63%
Nitrapyrin	1929824	321	3.41	72	2.03E-05	230.91	88.21%
Nitric acid	7697372	14	0.21	90900	0.0245	63.01	92.67%

Nitrilotriacetic acid	139139	280	-3.81	59060	1.30E-10	191.14	0.01%
Nitrobenzene	98953	150	1.85	2090	0.000024	123.11	83.98%
Nitrofen	1836755	4400	4.64	1	2.55E-07	284.1	88.29%
Nitrogen mustard	51752	25	0.91	12000	8.48E-08	156.06	60.68%
Nitroglycerin	55630	468	1.62	1380	9.87E-08	227.09	81.11%
Nitrosornicotine	16543558	2	0.32	1000000	1.69E-10	177.21	31.87%
N-methyl-2-pyrrolidone	872504	2	-0.38	1000000	4.46E-08	99.13	8.95%
N-methylolacrylamide	924425	1	-1.81	1000000	9.45E-12	101.11	0.37%
N-Nitrosodiethylamine	55185	7.5	0.48	106000	3.63E-06	102.14	39.82%
N-Nitrosodimethylamine	62759	2	-0.57	1000000	1.82E-06	74.08	6.15%
N-Nitrosodi-n-butylamine	924163	86	2.63	1270	1.32E-05	158.25	87.57%
N-Nitrosodi-n-propylamine	621647	24	1.36	13000	5.38E-06	130.19	76.06%
N-Nitrosodiphenylamine	86306	620	3.13	35	1.21E-06	198.23	88.06%
N-Nitrosomethylvinylamine	4549400	15	-0.28	30000	3.60E-06	86.09	11.26%
N-Nitrosomorpholine	59892	2	-0.44	1000000	2.45E-08	116.12	7.89%
N-Nitroso-N-ethylurea	759739	24	0.23	13000	1.32E-10	117.11	27.78%
N-Nitroso-N-methylurea	684935	23	-0.03	14400	9.91E-11	103.08	17.79%
N-Nitrosopiperidine	100754	9	0.36	76500	8.44E-07	114.15	33.81%
Norflurazon	27314132	1905	2.3	33.7	3.43E-10	303.67	86.69%
o-Anisidine hydrochloride	134292	104	-1.28	845000	1.04E-14	159.62	1.24%
o-Cresol	95487	47	1.95	25900	1.20E-06	108.14	84.79%
Octachloronaphthalene	2234131	780000	8.24	0.00008	0.000102	403.74	80.72%
o-Dinitrobenzene	528290	296	1.69	133	8.39E-08	168.11	82.10%
Oryzalin (4-(dipropylamino)-3,5-dinitrobenzenesulfonamide)	19044883	2600	2.73	2.5	1.91E-09	346.36	87.70%
o-Toluidine	95534	100	1.32	16600	1.98E-06	107.16	75.03%
o-Toluidine hydrochloride	636215	31	1.62	8292	2.10E-06	143.62	81.11%
Oxadiazon	19666309	1480	4.8	0.7	7.27E-08	345.23	88.29%
Oxydemeton methyl	301122	2	-0.74	1000000	1.62E-13	246.29	4.14%
Oxyfluorfen	42874033	14300	4.73	0.116	1.18E-06	361.71	88.29%
o-Xylene	95476	93	3.12	178	0.00518	106.17	92.14%
p-Anisidine	104949	22	0.95	15400	6.60E-08	123.16	62.40%
Paraldehyde	123637	7.3	0.67	112000	1.71E-05	132.16	49.75%
Paraquat dichloride	1910425	2.7	-2.71	700000	3.22E-13	257.16	0.05%
Parathion	56382	1900	3.83	11	2.98E-07	291.26	88.25%
p-Chloroaniline	106478	410	1.83	3900	1.16E-06	127.57	83.72%
p-Chloro-o-toluidine	95692	100	2.27	953.9	1.99E-06	141.6	86.59%
p-Chlorophenyl isocyanate	104121	306	3.24	125.7	0.000172	153.57	88.36%
p-Cresidine	120718	55	1.74	2810	1.24E-07	137.18	82.73%

p-Cresol	106445	940	1.94	21500	0.000001	108.14	84.71%
p-Dinitrobenzene	100254	430	1.46	69	8.39E-08	168.11	78.26%
Pebulate	1114712	631	3.83	100	0.000237	203.35	88.58%
Pendimethalin	40487421	8880	5.18	0.275	8.56E-07	281.31	88.29%
Pentachlorobenzene	608935	8800	5.17	0.831	0.000703	250.34	89.16%
Pentachloroethane	76017	146	3.22	480	0.00194	202.3	90.24%
Pentachlorophenol	87865	2400	5.12	14	2.45E-08	266.34	88.29%
Pentobarbital sodium	57330	330	2	513	8.44E-13	248.26	85.15%
Perchloromethyl mercaptan	594423	475	3.47	56.32	0.000241	185.89	88.52%
Permethrin	52645531	63100	6.5	0.006	1.87E-06	391.3	88.11%
Peroxyacetic acid	79210	2	-1.07	1000000	2.14E-06	76.05	2.20%
Phenanthrene	85018	8300	4.46	1.15	4.23E-05	178.24	88.34%
Phenol	108952	160	1.46	82800	3.33E-07	94.11	78.26%
Phenothrin	26002802	56000	7.54	0.0097	6.80E-06	350.46	86.76%
Phenytoin	57410	650	2.47	32	1.02E-11	252.28	87.21%
Phosphorus (yellow or	7723140	14	-0.27	204800	0.0244	34	92.53%
Picloram	1918021	21	0.3	430	5.33E-14	241.46	30.94%
Piperonyl butoxide	51036	1010	4.75	14.3	8.89E-11	338.45	88.29%
Pirimiphos methyl	29232937	1300	4.2	8.6	7.01E-07	305.34	88.28%
p-Nitroaniline	100016	76	1.39	728	1.26E-09	138.13	76.74%
p-Nitrosodiphenylamine	156105	910	3.16	17.3	1.10E-08	198.23	88.08%
Polybrominated biphenyls	N575	363	6.39	0.011	4.29E-06	627.59	88.20%
Polychlorinated biphenyls	1336363	48000	7.1	0.7	0.000415	291.99	88.01%
Polycyclic aromatic compounds	N590	2130000	6.13	0.00162	4.57E-07	252.32	86.52%
Potassium dimethyldithiocarbamate	128030	57	1.67	29000	0.000684	149.27	83.83%
Potassium N-methyldithiocarbamate	137417	43	0.48	440000	0.000177	107.19	45.60%
p-Phenylenediamine	106503	13	-0.3	37000	6.73E-10	108.14	10.54%
Profenofos	41198087	700	4.68	28	2.21E-08	373.64	88.29%
Prometryn	7287196	708	3.51	33	1.32E-08	241.36	88.20%
Pronamide	23950585	200	3.43	15	9.77E-09	256.13	88.18%
Propachlor	1918167	263	2.18	700	9.15E-08	211.69	86.20%
Propane sultone	1120714	5.8	-0.28	170700	2.36E-06	122.14	11.16%
Propanil	709988	275	3.07	152	1.71E-08	218.08	88.03%
Propargite	2312358	6400	5	0.5	4.15E-08	350.48	88.29%
Propargyl alcohol	107197	2	-0.38	1000000	1.15E-06	56.06	9.04%
Propetamphos	31218834	330	3.82	110	4.81E-08	281.31	88.25%
Propiconazole	60207901	330	3.72	110	4.12E-09	342.23	88.24%
Propionaldehyde	123386	4	0.59	306000	7.34E-05	58.08	47.42%
Propoxur	114261	47	1.52	1860	1.43E-09	209.25	79.43%
Propylene (Propene)	115071	240	1.77	200	0.196	42.08	96.34%
Propylene oxide	75569	2.9	0.03	590000	6.96E-05	58.08	24.16%
Propyleneimine	75558	2	0.13	1000000	8.42E-06	57.1	24.09%
p-Xylene	106423	260	3.15	162	0.0069	106.17	92.78%
Pyridine	110861	14	0.65	1000000	0.000011	79.1	48.60%

Quinoline	91225	320	2.03	6110	1.67E-06	129.16	85.36%
Quinone	106514	26	0.2	11100	0.000479	108.1	45.71%
Quintozene	82688	26600	4.64	0.44	4.42E-05	295.34	88.33%
Quizalofop-ethyl	76578148	8500	4.28	0.3	1.06E-08	372.81	88.28%
Resmethrin	10453868	26000	7.11	0.0379	1.33E-07	338.45	87.72%
S,S,S-tributyltrithiophosphate	78488	2800	5.7	2.3	2.94E-07	314.51	88.28%
Saccharin (manufacturing)	81072	46	0.91	4000	1.23E-09	183.19	60.68%
Safrole	94597	310	3.45	121	9.07E-06	162.19	88.20%
sec-Butyl alcohol	78922	5.6	0.61	181000	9.06E-06	74.12	46.54%
Selenium	7782492	14	0.24	2063	0.00974	78.96	88.17%
Selenium compounds	N725	14	0.24	2063	0.00974	78.96	88.17%
Sethoxydim	74051802	740	4.38	25	2.16E-11	327.49	88.29%
Simazine	122349	120	2.18	6.2	9.42E-10	201.66	86.20%
Sodium dicamba	1982690	3.8	-0.9	360000	7.55E-09	243.02	2.91%
Sodium dimethyldithiocarbamate	128041	2	-2.41	1000000	0.000388	143.21	28.19%
Sodium fluoroacetate	62748	1.2	-3.78	1110000	1.09E-06	100.03	0.12%
Sodium o-phenylphenoxide	132274	2	0.59	1000000	0.000428	192.19	55.72%
Sodium pentachlorophenate	131522	4	2.05	330000	3.10E-17	288.32	85.48%
Styrene	100425	920	2.95	310	0.00275	104.15	90.75%
Styrene oxide	96093	53	1.61	3000	1.58E-05	120.15	81.01%
Sulfuric acid	7664939	6.1	-2.2	1000000	7.65E-12	98.08	0.15%
Sulfuryl fluoride (Vikane)	2699798	110	0.41	750	0.000974	102.06	60.43%
Sulprofos	35400432	8300	5.48	0.31	1.64E-06	322.45	88.28%
Tebuthiuron	34014181	617	1.79	2500	1.20E-10	228.32	83.30%
Temephos	3383968	9000	5.96	0.27	1.96E-09	466.47	88.26%
Terbacil	5902512	48	1.89	710	1.20E-10	216.67	84.29%
tert-Butyl alcohol	75650	2	0.35	1000000	9.05E-06	74.12	33.70%
Tetrachloroethylene	127184	230	3.4	200	0.0177	165.83	94.68%
Tetrachlorvinphos	961115	1200	3.53	11	1.84E-09	365.97	88.21%
Tetracycline hydrochloride	64755	4.7	-3.7	249000	1.26E-31	444.43	0.01%
Tetramethrin	7696120	3100	4.73	1.83	8.34E-09	331.42	88.29%
Thiabendazole	148798	1738	2.47	50	2.12E-11	201.25	87.21%
Thioacetamide	62555	5.9	-0.26	163000	6.44E-06	75.13	11.94%
Thiobencarb	28249776	1840	3.4	28	2.67E-07	257.78	88.17%
Thiodicarb	59669260	620	1.7	35	9.33E-07	354.47	82.24%
Thiophanate ethyl	23564069	322	2.08	5.47	5.18E-13	370.45	85.67%
Thiophanate-methyl	23564058	154	1.4	438.9	2.94E-13	342.4	76.97%
Thiosemicarbazide	79196	28	-1.67	10020	6.60E-10	91.14	0.51%
Thiourea	62566	6.4	-1.08	142000	1.98E-09	76.12	1.94%
Thiram	137268	670	1.73	30	1.82E-07	240.43	82.61%
Toluene	108883	110	2.73	526	0.00664	92.14	92.56%
Toxaphene	8001352	210000	5.9	0.55	0.000006	448.26	88.10%
trans-1,3-Dichloropropene	10061026	67	2.03	1994	0.000871	110.97	87.00%
trans-1,4-Dichloro-2-butene	110576	110	2.6	850	0.000664	125	88.45%

Triadimefon	43121433	417	2.77	71.5	8.11E-11	293.76	87.75%
Triallate	2303175	2239	4.6	4	1.93E-05	304.67	88.32%
Triaziquone	68768	3.7	-0.13	394100	9.25E-16	231.26	14.74%
Tribenuron methyl	101200480	510	-0.44	50	1.02E-13	395.4	7.89%
Tributyltin fluoride	1983104	15000	4.39	1.945	0.83	309.04	96.81%
Tributyltin methacrylate	2155706	16400	4.14	1.27	0.048	375.14	95.88%
Trichlorfon	52686	79	0.51	120000	1.70E-11	257.44	41.20%
Trichloroethylene	79016	87	2.42	1100	0.00985	131.39	93.27%
Triclopyr triethylammonium salt	57213691	160	1.5	299	7.23E-15	355.67	79.05%
Triethylamine	121448	9.2	1.45	73670	0.000149	101.19	78.76%
Trifluralin	1582098	7080	5.34	0.184	0.000103	335.29	88.43%
Triforine	26644462	670	2.2	30	3.82E-09	434.97	86.29%
Triphenyltin chloride	639587	4380	4.19	0.9941	6.23E-05	385.46	88.36%
Triphenyltin hydroxide	76879	7200	3.53	0.4	4.26E-07	367.02	88.20%
Tris(2,3-dibromopropyl)-phosphate	126727	1400	4.29	8	2.18E-05	697.62	88.32%
Trypan blue	72571	20	-0.12	0.0835	1.00E-24	960.82	15.03%
Urethane (Ethyl carbamate)	51796	3.3	-0.15	480000	6.43E-08	89.1	14.19%
Vinclozolin	50471448	2600	3.1	2.6	1.74E-08	286.12	88.04%
Vinyl acetate	108054	19	0.73	20000	0.000511	86.09	61.67%
Vinyl bromide	593602	38	1.57	5679	0.0256	106.95	94.32%
Vinyl chloride	75014	30	1.62	8800	0.0278	62.5	94.54%
Vinylidene chloride (1,1-dichloroethylene)	75354	63	2.13	2250	0.0261	96.94	94.94%
Warfarin and salts	N874	920	2.6	17	2.77E-09	308.34	87.49%
Xylene (mixed isomers)	1330207	336	3.16	106	0.00663	106.17	92.69%
Zinc (fume or dust)	7440666	14	-0.47	343700	0.0245	65.37	92.51%
Zinc compounds	N982	14	-0.47	343700	0.0245	65.37	92.51%
Zineb	12122677	1200	1.3	10	2.72E-09	275.73	74.49%