

Physical and Chemical Properties

CAS No.	Chemical	Surrogate	VOC	Skin Abs. Factor	MCL (ug/L)	Solubility (mg/L-water)	H' (unitless)	Dia (cm^2/s)	Diw (cm^2/s)	Koc (L/kg)	Kd (L/kg)	Da	VF for Soils (m^3/kg)	Csat (mg/kg)
30560-19-1	Acephate		0	0.1									1.32E+09	
75-07-0	Acetaldehyde		1	0		1.00E+06	3.24E-03	1.24E-01	1.41E-05	1.81E+01	3.62E-02	9.98E-05	1.25E+04	2.09E+05
34256-82-1	Acetochlor		0	0.1									1.32E+09	
67-64-1	Acetone		1	0		1000000	0.00159	0.124	0.0000114	0.575	0.00115	9.9E-05	1.26E+04	104000
75-86-5	Acetone cyanohydrin		0	0.1									1.32E+09	
75-05-8	Acetonitrile		1	0		1000000	0.00082	0.128	0.000017	15.6	0.0312	2.9E-05	2.34E+04	194000
98-86-2	Acetophenone		1	0		6100	0.000451	0.06	0.0000087	30.9	0.0618	5.1E-06	5.54E+04	1740
50594-66-6	Acifluorfen		0	0.1									1.32E+09	
107-02-8	Acrolein		1	0		210000	0.00492	0.105	0.0000122	21.2	0.0424	0.00012	1.16E+04	47900
79-06-1	Acrylamide		0	0.1									1.32E+09	
79-10-7	Acrylic acid		0	0.1									1.32E+09	
107-13-1	Acrylonitrile		1	0		79000	0.00362	0.108	0.0000134	0.85	0.0017	0.00019	9.01E+03	8360
15972-60-8	Alachlor		0	0.1	2								1.32E+09	
1596-84-5	Alar		0	0.1									1.32E+09	
116-06-3	Aldicarb		0	0.1	1								1.32E+09	
1646-88-4	Aldicarb sulfone		0	0.1	1								1.32E+09	
309-00-2	Aldrin		0	0.1		1.80E-01	6.97E-03	1.32E-02	4.86E-06	4.87E+04	9.74E+01		1.32E+09	
5585-64-8	Allyl		0	0.1									1.32E+09	
107-18-6	Allyl alcohol		0	0.1									1.32E+09	
107-05-1	Allyl chloride		0	0.1									1.32E+09	
7429-90-5	Aluminum		0	0									1.32E+09	
20859-73-8	Aluminum phosphide		0	0									1.32E+09	
67485-29-4	Amdro		0	0.1									1.32E+09	
834-12-8	Ametryn		0	0.1									1.32E+09	
591-27-5	m-Aminophenol		0	0.1									1.32E+09	
504-24-5	4-Aminopyridine		0	0.1									1.32E+09	
33089-61-1	Amitraz		0	0.1									1.32E+09	
7664-41-7	Ammonia		0	0									1.32E+09	
7773-06-0	Ammonium sulfamate		0	0.1									1.32E+09	
62-53-3	Aniline		0	0.1									1.32E+09	
7440-36-0	Antimony and compounds		0	0	6						45		1.32E+09	
1314-60-9	Antimony pentoxide		0	0									1.32E+09	
28300-74-5	Antimony potassium tartrate		0	0									1.32E+09	
1332-81-6	Antimony tetroxide		0	0									1.32E+09	
1309-64-4	Antimony trioxide		0	0									1.32E+09	
74115-24-5	Apollo		0	0.1									1.32E+09	
140-57-8	Aramite		0	0.1									1.32E+09	
7440-38-2	Arsenic (noncancer endpoint)		0	0.03	50						2.90E+01		1.32E+09	
7440-38-2	Arsenic (cancer endpoint)		0	0.03	50						29		1.32E+09	
7784-42-1	Arsine		0	0.1									1.32E+09	
76578-12-6	Assure		0	0.1									1.32E+09	
3337-71-1	Asulam		0	0.1									1.32E+09	
1912-24-9	Atrazine		0	0.1	3								1.32E+09	
71751-41-2	Avermectin B1		0	0.1									1.32E+09	
103-33-3	Azobenzene		0	0.1									1.32E+09	
7440-39-3	Barium and compounds		0	0	2000						41		1.32E+09	
114-26-1	Baygon		0	0.1									1.32E+09	
43121-43-3	Bayleton		0	0.1									1.32E+09	
68359-37-5	Baythroid		0	0.1									1.32E+09	

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1861-40-1	Benefin		0	0.1									1.32E+09	
17804-35-2	Benomyl		0	0.1									1.32E+09	
25057-89-0	Bentazon		0	0.1									1.32E+09	
100-52-7	Benzaldehyde		0	0.1									1.32E+09	
71-43-2	Benzene		1	0	5	1750	0.228	0.088	0.0000098	61.7	0.123	0.00202	2.79E+03	897
108-98-5	Benzenethiol		1	0									1.32E+09	
92-87-5	Benzydine		0	0.1									1.32E+09	
65-85-0	Benzoic acid		0	0.1		3500	6.31E-05			0.6	0.0012		1.32E+09	
98-07-7	Benzotrithloride		0	0.1									1.32E+09	
100-51-6	Benzyl alcohol		0	0.1									1.32E+09	
100-44-7	Benzyl chloride		1	0		3300	0.00207	0.0666	0.0000078	50	0.1	1.8E-05	2.95E+04	1320
7440-41-7	Beryllium and compounds		0	0	4						790		1.32E+09	
141-66-2	Bidrin		0	0.1									1.32E+09	
82657-04-3	Biphenthrin (Talstar)		0	0.1									1.32E+09	
92-52-4	1,1-Biphenyl		1	0		7.5	0.0123	0.0404	0.0000082	7760	15.5	5.5E-07	1.69E+05	350
111-44-4	Bis(2-chloroethyl)ether		1	0		1.72E+04	7.38E-04	6.92E-02	7.53E-06	7.59E+01	1.52E-01	4.85E-06	5.69E+04	9.56E+03
108-60-1	Bis(2-chloroisopropyl)ether		1	0		1700	0.00463	0.0631	0.0000064	61	0.122	3.3E-05	2.20E+04	794
542-88-1	Bis(chloromethyl)ether		1	0		22000	0.0082	0.0887	0.0000094	1.2	0.0024	0.00035	6.73E+03	2390
108-60-1	Bis(2-chloro-1-methylethyl)ether		1	0		1.70E+03	4.63E-03	6.31E-02	6.40E-06	6.10E+01	1.22E-01	3.25E-05	2.20E+04	7.94E+02
117-81-7	Bis(2-ethylhexyl)phthalate (DEHP)		0	0.1	6	0.34	4.18E-06			111000	222		1.32E+09	
80-05-7	Bisphenol A		0	0.1									1.32E+09	
7440-42-8	Boron		0	0.1									1.32E+09	
7637-07-2	Boron trifluoride		0	0.1									1.32E+09	
15541-45-4	Bromate		0	0	10								1.32E+09	
108-86-1	Bromobenzene	Chlorobenzene	1	0		4.72E+02	1.52E-01	7.30E-02	8.70E-06	2.24E+02	4.48E-01	3.90E-04	6.35E+03	6.95E+02
75-27-4	Bromodichloromethane		1	0		6740	0.0656	0.0298	0.0000106	100	0.2	0.00014	1.05E+04	4800
75-25-2	Bromoform (tribromomethane)		0	0.1		3100	0.0219			126	0.252		1.32E+09	
74-83-9	Bromomethane		1	0		1.52E+04	2.56E-01	7.28E-02	1.21E-05	9.00E+00	1.80E-02	4.78E-03	1.81E+03	3.07E+03
101-55-3	4-Bromophenyl phenyl ether		0	0.1									1.32E+09	
2104-96-3	Bromophos		0	0.1									1.32E+09	
1689-84-5	Bromoxynil		0	0.1									1.32E+09	
1689-99-2	Bromoxynil octanoate		0	0.1									1.32E+09	
106-99-0	1,3-Butadiene		1	0		735	7.3	0.098	0.000011	120	0.24	0.017	9.62E+02	1600
71-36-3	1-Butanol		0	0.1		7.40E+04	3.61E-04			6.92E+00	1.38E-02		1.32E+09	
2008-41-5	Butylate		0	0.1									1.32E+09	
104-51-8	n-Butylbenzene		1	0		13.8	0.537	0.075	0.0000078	2830	5.66	0.00012	1.14E+04	237
135-98-8	sec-Butylbenzene		1	0		1.70E+01	7.67E-01	7.50E-02	7.80E-06	2.15E+03	4.30E+00	2.27E-04	8.32E+03	2.23E+02
98-06-6	tert-Butylbenzene		1	0		30	0.517	0.075	0.0000078	2150	4.3	0.00015	1.01E+04	393
85-68-7	Butyl benzyl phthalate		0	0.1		2.69	5.17E-05			13700	27.4		1.32E+09	
85-70-1	Butylphthalyl butylglycolate		0	0.1									1.32E+09	
75-60-5	Cacodylic acid		0	0.1									1.32E+09	
7440-43-9	Cadmium and compounds		0	0.001	5						75		1.32E+09	
105-60-2	Caprolactam		0	0.1									1.32E+09	
2425-06-1	Captafol		0	0.1									1.32E+09	
133-06-2	Captan		0	0.1									1.32E+09	
63-25-2	Carbaryl		0	0.1									1.32E+09	
86-74-8	Carbazole		0	0.1		7.48	6.3E-07			3390	6.78		1.32E+09	
1563-66-2	Carbofuran		0	0.1	40								1.32E+09	
75-15-0	Carbon disulfide		1	0		1.19E+03	1.24E+00	1.04E-01	1.00E-05	4.57E+01	9.14E-02	1.10E-02	1.19E+03	7.21E+02

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56-23-5	Carbon tetrachloride		1	0	5	793	1.25	0.078	0.0000088	152	0.304	0.00404	1.97E+03	987
55285-14-8	Carbosulfan		0	0.1									1.32E+09	
5234-68-4	Carboxin		0	0.1									1.32E+09	
302-17-0	Chloral hydrate		0	0.1									1.32E+09	
133-90-4	Chloramben		0	0.1									1.32E+09	
118-75-2	Chloranil		0	0.1									1.32E+09	
12789-03-6	Chlordane		0	0.04	2	0.06	0.00199			51300	103		1.32E+09	
90982-32-4	Chlorimuron-ethyl		0	0.1									1.32E+09	
7782-50-5	Chlorine		0	0									1.32E+09	
10049-04-4	Chlorine dioxide		0	0									1.32E+09	
107-20-0	Chloroacetaldehyde		1	0									1.32E+09	
79-11-8	Chloroacetic acid		0	0.1									1.32E+09	
532-27-4	2-Chloroacetophenone	Chlorobenzene	1	0		466	1.52	0.072	0.0000068	330	0.66	0.00239	2.56E+03	1100
106-47-8	4-Chloroaniline		0	0.1		5300	1.36E-05			66.1	0.132		1.32E+09	
108-90-7	Chlorobenzene		1	0	100	4.72E+02	1.52E-01	7.30E-02	8.70E-06	2.24E+02	4.48E-01	3.90E-04	6.35E+03	6.95E+02
510-15-6	Chlorobenzilate		0	0.1									1.32E+09	
74-11-3	p-Chlorobenzoic acid		0	0.1									1.32E+09	
98-56-6	4-Chlorobenzotrifluoride		0	0.1									1.32E+09	
126-99-8	2-Chloro-1,3-butadiene		1	0		740	1.31	0.11	0.000011	50	0.1	0.0116	1.16E+03	477
109-69-3	1-Chlorobutane	2-Chloro-1,3-butadiene	1	0		740	1.31	0.11	0.000011	50	0.1	0.0116	1.16E+03	477
75-68-3	1-Chloro-1,1-difluoroethane	Dichlorodifluoromethane	1	0		2.80E+02	4.10E+00	8.00E-02	1.05E-05	5.80E+01	1.16E-01	1.40E-02	1.06E+03	3.40E+02
75-45-6	Chlorodifluoromethane	Dichlorodifluoromethane	1	0		280	4.1	0.08	0.0000105	58	0.116	0.014	1.06E+03	340
75-00-3	Chloroethane		1	0		5700	0.451	0.104	0.0000115	14.7	0.0294	0.00893	1.33E+03	1550
110-75-8	2-Chloroethyl vinyl ether		1	0									1.32E+09	
67-66-3	Chloroform		1	0		7920	0.15	0.104	0.00001	53	0.106	0.00182	2.94E+03	3530
74-87-3	Chloromethane		1	0		8200	0.984	0.109	0.0000065	35	0.07	0.0112	1.18E+03	4050
95-69-2	4-Chloro-2-methylaniline		0	0.1									1.32E+09	
3165-93-3	4-Chloro-2-methylaniline hydrochloride		0	0.1									1.32E+09	
91-58-7	beta-Chloronaphthalene		1	0		12	0.0127	0.0347	0.0000088	1550	3.1	2.4E-06	8.03E+04	113
88-73-3	o-Chloronitrobenzene	Nitrobenzene	1	0		2.10E+03	9.80E-04	7.60E-02	8.60E-06	6.46E+01	1.29E-01	8.02E-06	4.42E+04	1.02E+03
100-00-5	p-Chloronitrobenzene	Nitrobenzene	1	0		2100	0.00098	0.076	0.0000086	64.6	0.129	8E-06	4.42E+04	1020
95-57-8	2-Chlorophenol		1	0		22000	0.016	0.501	0.00000946	398	0.796	0.00017	9.69E+03	54800
75-29-6	2-Chloropropane	1,2-Dichloropropane	1	0		2.70E+03	9.43E-02	8.00E-02	1.00E-05	5.10E+01	1.02E-01	9.22E-04	4.12E+03	1.14E+03
1897-45-6	Chlorothalonil		0	0.1									1.32E+09	
95-49-8	o-Chlorotoluene	Chlorobenzene	1	0		470	0.144	0.072	0.00000865	160	0.32	0.00049	5.65E+03	511
101-21-3	Chlorpropham		0	0.1									1.32E+09	
2921-88-2	Chlorpyrifos		0	0.1									1.32E+09	
5598-13-0	Chlorpyrifos-methyl		0	0.1									1.32E+09	
64902-72-3	Chlorsulfuron		0	0.1									1.32E+09	
60238-56-4	Chlorthiophos		0	0.1									1.32E+09	
7440-47-3	Total Chromium (1:6 ratio Cr VI:Cr III)		0	0	100								1.32E+09	
16065-83-1	Chromium III		0	0	100						1.80E+06		1.32E+09	
18540-29-9	Chromium VI		0	0	100						19		1.32E+09	
7440-48-4	Cobalt		0	0							0.1		1.32E+09	
8007-45-2	Coke Oven Emissions		0	0									1.32E+09	
7440-50-8	Copper and compounds		0	0	1300								1.32E+09	
123-73-9	Crotonaldehyde	Methyl methacrylate	1	0		20	9.96	0.0914	0.0000102	840	1.68	0.00674	1.53E+03	140
98-82-8	Cumene (isopropylbenzene)		1	0		6.10E+01	4.92E+01	7.50E-02	7.10E-06	2.20E+02	4.40E-01	1.80E-02	9.33E+02	6.47E+02
21725-46-2	Cyanazine		0	0.1									1.32E+09	

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74-90-8	Cyanide and compounds		1	0	200	1000000	0.00533	0.177	0.0000182	17.4	0.0348	0.00024	8.11E+03	205000
460-19-5	Cyanogen		1	0		8.50E+03	2.05E-01	9.60E-02	1.00E-05	2.60E+01	5.20E-02	3.46E-03	2.13E+03	2.50E+03
506-68-3	Cyanogen bromide		1	0		8500	0.205	0.096	0.00001	26	0.052	0.00346	2.13E+03	2500
506-77-4	Cyanogen chloride		1	0		8500	0.205	0.096	0.00001	26	0.052	0.00346	2.13E+03	2500
110-82-7	Cyclohexane		1	0		5.50E+01	8.20E+00	8.00E-02	9.00E-06	1.60E+02	3.20E-01	1.31E-02	1.09E+03	1.42E+02
108-94-1	Cyclohexanone		0	0.1									1.32E+09	
108-91-8	Cyclohexylamine		0	0.1									1.32E+09	
68085-85-8	Cyhalothrin/Karate		0	0.1									1.32E+09	
52315-07-8	Cypermethrin		0	0.1									1.32E+09	
66215-27-8	Cyromazine		0	0.1									1.32E+09	
1861-32-1	Dacthal		0	0.1									1.32E+09	
75-99-0	Dalapon		0	0.1	200								1.32E+09	
39515-41-8	Danitol		0	0.1									1.32E+09	
72-54-8	DDD		0	0.03		9.00E-02	1.64E-04			4.58E+04	9.16E+01		1.32E+09	
72-55-9	DDE		0	0.03		0.12	0.000861			86400	173		1.32E+09	
50-29-3	DDT		0	0.03		0.025	0.000332			678000	1360		1.32E+09	
1163-19-5	Decabromodiphenyl ether		0	0.1									1.32E+09	
8065-48-3	Demeton		0	0.1									1.32E+09	
2303-16-4	Diallate		0	0.1									1.32E+09	
333-41-5	Diazinon		0	0.1									1.32E+09	
132-64-9	Dibenzofuran		1	0		3.1	0.000533	0.0601	0.00001	7760	15.5	3.7E-08	6.52E+05	145
106-37-6	1,4-Dibromobenzene		0	0.1									1.32E+09	
124-48-1	Dibromochloromethane		1	0		2.60E+03	3.21E-02	9.60E-02	1.00E-05	4.68E+02	9.36E-01	5.48E-05	1.69E+04	7.58E+03
96-12-8	1,2-Dibromo-3-chloropropane		1	0	0.2	1200	0.00603	0.0212	0.000007	28.3	0.0566	2.5E-05	2.53E+04	325
106-93-4	1,2-Dibromoethane		1	0	0.05	3400	0.0131	0.0733	0.00000806	28.1	0.0562	0.00018	9.24E+03	922
84-74-2	Dibutyl phthalate		0	0.1		1.12E+01	3.85E-08			1.57E+03	3.14E+00		1.32E+09	
1918-00-9	Dicamba		0	0.1									1.32E+09	
95-50-1	1,2-Dichlorobenzene		1	0	600	156	0.0779	0.069	0.0000079	379	0.758	0.00012	1.16E+04	373
541-73-1	1,3-Dichlorobenzene		1	0		1.56E+02	7.79E-02	6.90E-02	7.90E-06	3.79E+02	7.58E-01	1.17E-04	1.16E+04	3.73E+02
106-46-7	1,4-Dichlorobenzene		1	0	75	73.8	0.0996	0.069	0.0000079	616	1.23	9.3E-05	1.30E+04	282
91-94-1	3,3-Dichlorobenzidine		0	0.1		3.11	1.6E-07			724	1.45		1.32E+09	
90-98-2	4,4'-Dichlorobenzophenone		0	0.1									1.32E+09	
764-41-0	1,4-Dichloro-2-butene		1	0		2800	0.0106	0.0725	0.00000812	48	0.096	0.0001	1.24E+04	1090
75-71-8	Dichlorodifluoromethane		1	0		280	4.1	0.08	0.0000105	58	0.116	0.014	1.06E+03	340
75-34-3	1,1-Dichloroethane		1	0		5.06E+03	2.30E-01	7.42E-02	1.05E-05	5.30E+01	1.06E-01	1.92E-03	2.86E+03	2.33E+03
107-06-2	1,2-Dichloroethane		1	0	5	8520	0.0401	0.104	0.0000099	38	0.076	0.00064	4.93E+03	2860
75-35-4	1,1-Dichloroethylene		1	0	7	2250	1.07	0.09	0.0000104	65	0.13	0.00723	1.47E+03	1550
156-59-2	1,2-Dichloroethylene (cis)		1	0	70	3.50E+03	1.67E-01	7.36E-02	1.13E-05	3.55E+01	7.10E-02	1.85E-03	2.91E+03	1.20E+03
156-60-5	1,2-Dichloroethylene (trans)		1	0	100	6300	0.385	0.0707	0.0000119	38	0.076	0.00352	2.11E+03	2520
540-59-0	1,2-Dichloroethylene (total)		1	0									1.32E+09	
120-83-2	2,4-Dichlorophenol		0	0.1		4.50E+03	1.30E-04			1.47E+02	2.94E-01		1.32E+09	
94-82-6	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)		0	0.1									1.32E+09	
94-75-7	2,4-Dichlorophenoxyacetic Acid (2,4-D)		0	0.05	70								1.32E+09	
78-87-5	1,2-Dichloropropane		1	0	5	2.80E+03	1.15E-01	7.82E-02	8.73E-06	4.70E+01	9.40E-02	1.15E-03	3.69E+03	1.13E+03
542-75-6	1,3-Dichloropropene		1	0		2800	0.726	0.0626	0.00001	27.1	0.0542	0.00591	1.63E+03	1110
616-23-9	2,3-Dichloropropanol		0	0.1									1.32E+09	
62-73-7	Dichlorvos		0	0.1									1.32E+09	
115-32-2	Dicofol		0	0.1									1.32E+09	
77-73-6	Dicyclopentadiene		1	0		1800	0.439	0.0667	0.00001	570	1.14	0.00042	6.11E+03	6480

Physical and Chemical Properties

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60-57-1	Dieldrin		0	0.1		2.00E-01	6.19E-04			2.55E+04	5.10E+01		1.32E+09	
N/A	Diesel emissions		0	0.1									1.32E+09	
112-34-5	Diethylene glycol, monobutyl ether		0	0.1									1.32E+09	
111-90-0	Diethylene glycol, monoethyl ether		0	0.1									1.32E+09	
617-84-5	Diethylformamide		0	0.1									1.32E+09	
103-23-1	Di(2-ethylhexyl)adipate		0	0.1	400								1.32E+09	
84-66-2	Diethyl phthalate		0	0.1		1.08E+03	1.85E-05			8.22E+01	1.64E-01		1.32E+09	
56-53-1	Diethylstilbestrol		0	0.1									1.32E+09	
43222-48-6	Difenzoquat (Avenge)		0	0.1									1.32E+09	
35367-38-5	Diffubenzuron		0	0.1									1.32E+09	
75-37-6	1,1-Difluoroethane		1	0									1.32E+09	
28553-12-0	Diisononyl phthalate		0	0.1									1.32E+09	
1445-75-6	Diisopropyl methylphosphonate		0	0.1									1.32E+09	
55290-64-7	Dimethipin		0	0.1									1.32E+09	
60-51-5	Dimethoate		0	0.1									1.32E+09	
119-90-4	3,3'-Dimethoxybenzidine		0	0.1									1.32E+09	
124-40-3	Dimethylamine		1	0		1000000	0.0037	0.119	0.0000131	2.2	0.0044	0.0002	8.85E+03	114000
121-69-7	N,N-Dimethylaniline		0	0.1									1.32E+09	
95-68-1	2,4-Dimethylaniline		0	0.1									1.32E+09	
21436-96-4	2,4-Dimethylaniline hydrochloride		0	0.1									1.32E+09	
119-93-7	3,3'-Dimethylbenzidine		0	0.1									1.32E+09	
57-14-7	1,1-Dimethylhydrazine		0	0.1									1.32E+09	
540-73-8	1,2-Dimethylhydrazine		0	0.1									1.32E+09	
68-12-2	N,N-Dimethylformamide		0	0.1									1.32E+09	
122-09-8	Dimethylphenethylamine		0	0.1									1.32E+09	
105-67-9	2,4-Dimethylphenol		0	0.1		7870	0.000082			209	0.418		1.32E+09	
576-26-1	2,6-Dimethylphenol		0	0.1									1.32E+09	
95-65-8	3,4-Dimethylphenol		0	0.1									1.32E+09	
131-11-3	Dimethyl phthalate		0	0.1									1.32E+09	
120-61-6	Dimethyl terephthalate		0	0.1									1.32E+09	
131-89-5	4,6-Dinitro-o-cyclohexyl phenol		0	0.1									1.32E+09	
534-52-1	4,6-Dinitro-2-methylphenol		0	0.1									1.32E+09	
528-29-0	1,2-Dinitrobenzene		0	0.1									1.32E+09	
99-65-0	1,3-Dinitrobenzene		0	0.1									1.32E+09	
100-25-4	1,4-Dinitrobenzene		0	0.1									1.32E+09	
51-28-5	2,4-Dinitrophenol		0	0.1		2790	1.82E-05			0.01	0.00002		1.32E+09	
25321-14-6	Dinitrotoluene mixture		0	0.1									1.32E+09	
121-14-2	2,4-Dinitrotoluene		0	0.1		270	3.8E-06			95.5	0.191		1.32E+09	
606-20-2	2,6-Dinitrotoluene		0	0.1		182	3.06E-05			69.2	0.138		1.32E+09	
88-85-7	Dinoseb		0	0.1	7								1.32E+09	
117-84-0	di-n-Octyl phthalate		0	0.1		0.02	0.00274			83200000	166000		1.32E+09	
123-91-1	1,4-Dioxane		0	0.1									1.32E+09	
1746-01-6	Dioxin (2,3,7,8-TCDD)		0	0.03									1.32E+09	
957-51-7	Diphenamid		0	0.1									1.32E+09	
122-39-4	Diphenylamine		0	0.1									1.32E+09	
74-31-7	N,N-Diphenyl-1,4 benzenediamine (DPPD)		0	0.1									1.32E+09	
122-66-7	1,2-Diphenylhydrazine		0	0.1									1.32E+09	
127-63-9	Diphenyl sulfone		0	0.1									1.32E+09	
85-00-7	Diquat		0	0.1	20								1.32E+09	

Physical and Chemical Properties

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1937-37-7	Direct black 38		0	0.1									1.32E+09	
2602-46-2	Direct blue 6		0	0.1									1.32E+09	
16071-86-6	Direct brown 95		0	0.1									1.32E+09	
298-04-4	Disulfoton		0	0.1									1.32E+09	
505-29-3	1,4-Dithiane		0	0.1									1.32E+09	
330-54-1	Diuron		0	0.1									1.32E+09	
2439-10-3	Dodine		0	0.1									1.32E+09	
7429-91-6	Dysprosium		0	0									1.32E+09	
115-29-7	Endosulfan		0	0.1		5.10E-01	4.59E-04			2.04E+03	4.08E+00		1.32E+09	
145-73-3	Endothall		0	0.1	100								1.32E+09	
72-20-8	Endrin		0	0.1	2	0.25	0.000308			10800	21.6		1.32E+09	
106-89-8	Epichlorohydrin		1	0		6.00E+04	1.31E-03	8.77E-02	9.80E-06	3.50E+00	7.00E-03	4.95E-05	1.78E+04	7.27E+03
106-88-7	1,2-Epoxybutane		0	0.1									1.32E+09	
759-94-4	EPTC (S-Ethyl dipropylthiocarbamate)		0	0.1									1.32E+09	
16672-87-0	Ethephon (2-chloroethyl phosphonic acid)		0	0.1									1.32E+09	
563-12-2	Ethion		0	0.1									1.32E+09	
110-80-5	2-Ethoxyethanol		0	0.1									1.32E+09	
111-15-9	2-Ethoxyethanol acetate		0	0.1									1.32E+09	
141-78-6	Ethyl acetate		1	0		80000	0.00574	0.0732	0.00000966	59.4	0.119	4.8E-05	1.81E+04	36600
140-88-5	Ethyl acrylate	Methyl methacrylate	1	0		20	9.84	0.0914	0.0000086	840	1.68	0.00667	1.53E+03	140
100-41-4	Ethylbenzene		1	0	700	1.69E+02	3.23E-01	7.50E-02	7.80E-06	2.04E+02	4.08E-01	9.06E-04	4.16E+03	2.34E+02
75-00-3	Ethyl chloride		1	0		5700	0.451	0.104	0.0000115	14.7	0.0294	0.00893	1.33E+03	1550
109-78-4	Ethylene cyanohydrin		0	0.1									1.32E+09	
107-15-3	Ethylene diamine		0	0.1									1.32E+09	
107-21-1	Ethylene glycol		0	0.1									1.32E+09	
111-76-2	Ethylene glycol, monobutyl ether		0	0.1									1.32E+09	
75-21-8	Ethylene oxide		1	0		1.00E+06	3.10E-03	1.25E-01	1.45E-05	2.20E+00	4.40E-03	1.77E-04	9.41E+03	1.14E+05
96-45-7	Ethylene thiourea (ETU)		0	0.1									1.32E+09	
60-29-7	Ethyl ether	Bis(2-chloroethyl)ether	1	0		10000	0.000533	0.07	0.0000093	14	0.028	1.1E-05	3.81E+04	1840
97-63-2	Ethyl methacrylate	Methyl methacrylate	1	0		2.00E+01	9.96E+00	9.14E-02	8.60E-06	8.40E+02	1.68E+00	6.74E-03	1.53E+03	1.40E+02
2104-64-5	Ethyl p-nitrophenyl phenylphosphorothioate		0	0.1									1.32E+09	
84-72-0	Ethylphthalyl ethyl glycolate		0	0.1									1.32E+09	
101200-48-0	Express		0	0.1									1.32E+09	
22224-92-6	Fenamiphos		0	0.1									1.32E+09	
2164-17-2	Fluometuron		0	0.1									1.32E+09	
16984-48-8	Fluoride		0	0.1	4000								1.32E+09	
59756-60-4	Fluoridone		0	0.1									1.32E+09	
7782-41-4	Fluorine		0	0.1									1.32E+09	
56425-91-3	Flurprimidol		0	0.1									1.32E+09	
66332-96-5	Flutolanil		0	0.1									1.32E+09	
69409-94-5	Fluvalinate		0	0.1									1.32E+09	
133-07-3	Folpet		0	0.1									1.32E+09	
72178-02-0	Fomesafen		0	0.1									1.32E+09	
944-22-9	Fonofos		0	0.1									1.32E+09	
50-00-0	Formaldehyde		0	0.1									1.32E+09	
64-18-6	Formic Acid		0	0.1									1.32E+09	
39148-24-8	Fosetyl-al		0	0.1									1.32E+09	
76-13-1	Freon 113		1	0		1.10E+03	2.14E+01	2.88E-02	8.07E-06	1.60E+02	3.20E-01	6.31E-03	1.58E+03	5.55E+03
110-00-9	Furan		1	0		10000	0.221	0.104	0.0000122	12.3	0.0246	0.00554	1.68E+03	2150

Physical and Chemical Properties

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67-45-8	Furazolidone		0	0.1									1.32E+09	
98-01-1	Furfural		0	0.1									1.32E+09	
531-82-8	Furium		0	0.1									1.32E+09	
60568-05-0	Furmecycloz		0	0.1									1.32E+09	
77182-82-2	Glufosinate-ammonium		0	0.1									1.32E+09	
765-34-4	Glycidaldehyde		0	0.1									1.32E+09	
1071-83-6	Glyphosate		0	0.1	700								1.32E+09	
69806-40-2	Haloxypop-methyl		0	0.1									1.32E+09	
79277-27-3	Harmony		0	0.1									1.32E+09	
76-44-8	Heptachlor		0	0.1	0.4	0.18	0.0447			9530	19.1		1.32E+09	
1024-57-3	Heptachlor epoxide		0	0.1	0.2	2.00E-01	3.90E-04			8.32E+04	1.66E+02		1.32E+09	
87-82-1	Hexabromobenzene		0	0.1									1.32E+09	
118-74-1	Hexachlorobenzene		0	0.1	1	6.2	0.0541			80000	160		1.32E+09	
87-68-3	Hexachlorobutadiene		0	0.1		3.23E+00	3.34E-01			5.37E+04	1.07E+02		1.32E+09	
319-84-6	HCH (alpha)		0	0.04		2	0.000435			1760	3.52		1.32E+09	
319-85-7	HCH (beta)		0	0.04		0.24	3.05E-05			2140	4.28		1.32E+09	
58-89-9	HCH (gamma) Lindane		0	0.04	0.2	6.80E+00	5.74E-04			1.35E+03	2.70E+00		1.32E+09	
608-73-1	HCH-technical		0	0.04									1.32E+09	
77-47-4	Hexachlorocyclopentadiene		0	0.1	50	1.8	1.11			200000	400		1.32E+09	
19408-74-3	Hexachlorodibenzo-p-dioxin mixture (HxCDD)		0	0.1									1.32E+09	
67-72-1	Hexachloroethane		0	0.1		50	0.159			1780	3.56		1.32E+09	
70-30-4	Hexachlorophene		0	0.1									1.32E+09	
121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine		0	0.1									1.32E+09	
822-06-0	1,6-Hexamethylene diisocyanate		0	0.1									1.32E+09	
110-54-3	n-Hexane		1	0		18	5	0.2	0.00000777	890	1.78	0.00813	1.39E+03	115
591-78-6	2-Hexanone		0	0.1									1.32E+09	
51235-04-2	Hexazinone		0	0.1									1.32E+09	
2691-41-0	HMX		0	0.1									1.32E+09	
302-01-2	Hydrazine, hydrazine sulfate		0	0.1									1.32E+09	
60-34-4	Hydrazine, monomethyl		0	0.1									1.32E+09	
57-14-7	Hydrazine, dimethyl		0	0.1									1.32E+09	
7647-01-0	Hydrogen chloride		0	0									1.32E+09	
7783-06-4	Hydrogen sulfide		0	0									1.32E+09	
123-31-9	p-Hydroquinone		0	0.1									1.32E+09	
35554-44-0	Imazalil		0	0.1									1.32E+09	
81335-37-7	Imazaquin		0	0.1									1.32E+09	
36734-19-7	Iprodione		0	0.1									1.32E+09	
7439-89-6	Iron		0	0							3.10E+00		1.32E+09	
78-83-1	Isobutanol		1	0		85000	0.000492	0.086	0.0000093	61.7	0.123	4.8E-06	5.73E+04	40000
78-59-1	Isophorone		0	0.1		12000	0.000272			46.8	0.0936		1.32E+09	
33820-53-0	Isopropalin		0	0.1									1.32E+09	
1832-54-8	Isopropyl methyl phosphonic acid		0	0.1									1.32E+09	
82558-50-7	Isoxaben		0	0.1									1.32E+09	
143-50-0	Kepone		0	0.1									1.32E+09	
77501-63-4	Lactofen		0	0.1									1.32E+09	
7439-92-1	Lead		0	0							6		1.32E+09	
78-00-2	Lead (tetraethyl)		0	0.1									1.32E+09	
330-55-2	Linuron		0	0.1									1.32E+09	
7439-93-2	Lithium		0	0									1.32E+09	

Physical and Chemical Properties

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83055-99-6	Londax		0	0.1									1.32E+09	
121-75-5	Malathion		0	0.1									1.32E+09	
108-31-6	Maleic anhydride		0	0.1									1.32E+09	
123-33-1	Maleic hydrazide		1	0		6.00E+03	2.71E-01	8.98E-02	1.11E-05	4.15E+01	8.30E-02	3.15E-03	2.23E+03	2.40E+03
109-77-3	Malononitrile		0	0.1									1.32E+09	
8018-01-7	Mancozeb		0	0.1									1.32E+09	
12427-38-2	Maneb		0	0.1									1.32E+09	
7439-96-5	Manganese (non-food)		0	0							4.9		1.32E+09	
7439-96-5	Manganese (food)		0	0							4.9		1.32E+09	
950-10-7	Mephosfolan		0	0.1									1.32E+09	
24307-26-4	Mepiquat		0	0.1									1.32E+09	
149-30-4	2-Mercaptobenzothiazole		0	0.1									1.32E+09	
7487-94-7	Mercury and compounds		0	0	2		4.67E-01				5.20E+01		1.32E+09	
7439-97-6	Mercury (elemental)		0	0	2						52		1.32E+09	
22967-92-6	Mercury (methyl)		0	0.1									1.32E+09	
150-50-5	Merphos		0	0.1									1.32E+09	
78-48-8	Merphos oxide		0	0.1									1.32E+09	
57837-19-1	Metalaxyl		0	0.1									1.32E+09	
126-98-7	Methacrylonitrile	Acrylonitrile	1	0		7.90E+04	3.61E-03	1.10E-01	1.34E-05	8.50E-01	1.70E-03	1.95E-04	8.97E+03	8.36E+03
10265-92-6	Methamidophos		0	0.1									1.32E+09	
67-56-1	Methanol		0	0.1									1.32E+09	
950-37-8	Methidathion		0	0.1									1.32E+09	
16752-77-5	Methomyl		1	0		170000	1.56	0.0693	0.00001	14.8	0.0296	0.0117	1.16E+03	81500
72-43-5	Methoxychlor		0	0.1	40	0.05	0.000648			80000	160		1.32E+09	
109-86-4	2-Methoxyethanol		0	0.1									1.32E+09	
110-49-6	2-Methoxyethanol acetate		0	0.1									1.32E+09	
99-59-2	2-Methoxy-5-nitroaniline		0	0.1									1.32E+09	
79-20-9	Methyl acetate	Acetone	1	0		1.00E+06	8.45E-04	1.03E-01	1.00E-05	2.20E+00	4.40E-03	4.04E-05	1.97E+04	1.13E+05
96-33-3	Methyl acrylate	Methyl methacrylate	1	0		60	9.84	0.0914	0.0000086	840	1.68	0.00667	1.53E+03	419
95-53-4	2-Methylaniline (o-toluidine)		0	0.1									1.32E+09	
636-21-5	2-Methylaniline hydrochloride		0	0.1									1.32E+09	
79-22-1	Methyl chlorocarbonate		0	0.1									1.32E+09	
94-74-6	2-Methyl-4-chlorophenoxyacetic acid		0	0.1									1.32E+09	
94-81-5	4-(2-Methyl-4-chlorophenoxy) butyric acid (MCPB)		0	0.1									1.32E+09	
93-65-2	2-(2-Methyl-4-chlorophenoxy) propionic acid		0	0.1									1.32E+09	
16484-77-8	2-(2-Methyl-1,4-chlorophenoxy) propionic acid (MCP)		0	0.1									1.32E+09	
108-87-2	Methylcyclohexane		1	0		1.40E+01	1.76E+01	7.00E-02	9.00E-06	2.19E+03	4.38E+00	3.87E-03	2.01E+03	2.31E+02
101-77-9	4,4'-Methylenebisbenzeneamine		0	0.1									1.32E+09	
101-14-4	4,4'-Methylene bis(2-chloroaniline)		0	0.1									1.32E+09	
101-61-1	4,4'-Methylene bis(N,N'-dimethyl)aniline		0	0.1									1.32E+09	
74-95-3	Methylene bromide		1	0		11700	0.0369	0.096	0.00001	25	0.05	0.00071	4.69E+03	3010
75-09-2	Methylene chloride		1	0	5	13200	0.0898	0.101	0.0000117	10	0.02	0.00266	2.43E+03	2330
101-68-8	4,4'-Methylenediphenyl isocyanate		0	0.1									1.32E+09	
78-93-3	Methyl ethyl ketone		1	0		268000	0.00112	0.0895	0.0000098	4.5	0.009	4.1E-05	1.95E+04	34100
60-34-4	Methyl hydrazine		0	0.1									1.32E+09	
108-10-1	Methyl isobutyl ketone		1	0		1.90E+04	5.74E-03	7.50E-02	7.80E-06	1.34E+02	2.68E-01	2.47E-05	2.52E+04	1.72E+04
74-93-1	Methyl mercaptan		0	0.1									1.32E+09	
80-62-6	Methyl methacrylate		1	0		15000	0.0139	0.077	0.0000086	13.1	0.0262	0.00031	7.15E+03	2720
91-57-6	2-Methylnaphthalene		1	0									1.32E+09	



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99-55-8	2-Methyl-5-nitroaniline		0	0.1									1.32E+09	
298-00-0	Methyl parathion		0	0.1									1.32E+09	
95-48-7	2-Methylphenol		0	0.1		2.60E+04	4.92E-05			9.12E+01	1.82E-01		1.32E+09	
108-39-4	3-Methylphenol		0	0.1									1.32E+09	
106-44-5	4-Methylphenol		0	0.1									1.32E+09	
993-13-5	Methyl phosphonic acid		0	0.1									1.32E+09	
25013-15-4	Methyl styrene (mixture)	Styrene	1	0		300	0.0943	0.0712	0.000008	360	0.72	0.00015	1.01E+04	683
98-83-9	Methyl styrene (alpha)	Styrene	1	0		300	0.0943	0.0712	0.000008	360	0.72	0.00015	1.01E+04	683
1634-04-4	Methyl tertbutyl ether (MTBE)		1	0		1.50E+05	2.41E-02	8.00E-02	1.00E-05	6.00E+00	1.20E-02	7.10E-04	4.70E+03	2.11E+04
51218-45-2	Metolacolor (Dual)		0	0.1									1.32E+09	
21087-64-9	Metribuzin		0	0.1									1.32E+09	
2385-85-5	Mirex		0	0.1									1.32E+09	
2212-67-1	Molinate		0	0.1									1.32E+09	
7439-98-7	Molybdenum		0	0									1.32E+09	
10599-90-3	Monochloramine		0	0.1									1.32E+09	
300-76-5	Naled		0	0.1									1.32E+09	
15299-99-7	Napropamide		0	0.1									1.32E+09	
7440-02-0	Nickel and compounds		0	0							6.50E+01		1.32E+09	
N/A	Nickel refinery dust		0	0									1.32E+09	
12035-72-2	Nickel subsulfide		0	0									1.32E+09	
1929-82-4	Nitrapyrin		0	0.1									1.32E+09	
14797-55-8	Nitrate		0	0	10000								1.32E+09	
10102-43-9	Nitric Oxide		0	0									1.32E+09	
14797-65-0	Nitrite		0	0	1000								1.32E+09	
88-74-4	2-Nitroaniline		0	0.1									1.32E+09	
98-95-3	Nitrobenzene		1	0		2100	0.00098	0.076	0.0000086	64.6	0.129	8E-06	4.42E+04	1020
67-20-9	Nitrofurantoin		0	0.1									1.32E+09	
59-87-0	Nitrofurazone		0	0.1									1.32E+09	
55-63-0	Nitroglycerin		0	0.1									1.32E+09	
556-88-7	Nitroguanidine		0	0.1									1.32E+09	
100-02-7	4-Nitrophenol		0	0.1									1.32E+09	
79-46-9	2-Nitropropane		1	0									1.32E+09	
924-16-3	N-Nitrosodi-n-butylamine		1	0		1.30E+03	1.31E-02	5.80E-02	9.72E-06	2.57E+02	5.14E-01	2.40E-05	2.56E+04	2.14E+03
1116-54-7	N-Nitrosodiethanolamine		0	0.1									1.32E+09	
55-18-5	N-Nitrosodiethylamine		0	0.1									1.32E+09	
62-75-9	N-Nitrosodimethylamine		0	0.1									1.32E+09	
86-30-6	N-Nitrosodiphenylamine		0	0.1		35.1	0.000205			1290	2.58		1.32E+09	
621-64-7	N-Nitroso di-n-propylamine		0	0.1		9890	9.23E-05			24	0.048		1.32E+09	
759-73-9	N-Nitroso-N-ethylurea		0	0.1									1.32E+09	
10595-95-6	N-Nitroso-N-methylethylamine		0	0.1									1.32E+09	
930-55-2	N-Nitrosopyrrolidine		0	0.1									1.32E+09	
99-08-1	m-Nitrotoluene		1	0		2.10E+03	9.80E-04	7.60E-02	8.60E-06	6.46E+01	1.29E-01	8.02E-06	4.42E+04	1.02E+03
88-72-2	o-Nitrotoluene		1	0		2100	0.00098	0.076	0.0000086	64.6	0.129	8E-06	4.42E+04	1020
99-99-0	p-Nitrotoluene		1	0		2100	0.00098	0.076	0.0000086	64.6	0.129	8E-06	4.42E+04	1020
27314-13-2	Norflurazon		0	0.1									1.32E+09	
85509-19-9	NuStar		0	0.1									1.32E+09	
32536-52-0	Octabromodiphenyl ether		0	0.1									1.32E+09	
152-16-9	Octamethylpyrophosphoramidate		0	0.1									1.32E+09	
19044-88-3	Oryzalin		0	0.1									1.32E+09	

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19666-30-9	Oxadiazon		0	0.1									1.32E+09	
23135-22-0	Oxamyl		0	0.1	200								1.32E+09	
42874-03-3	Oxyfluorfen		0	0.1									1.32E+09	
76738-62-0	Paclobutrazol		0	0.1									1.32E+09	
4685-14-7	Paraquat		0	0.1									1.32E+09	
56-38-2	Parathion		0	0.1									1.32E+09	
1114-71-2	Pebulate		0	0.1									1.32E+09	
40487-42-1	Pendimethalin		0	0.1									1.32E+09	
87-84-3	Pentabromo-6-chloro cyclohexane		0	0.1									1.32E+09	
32534-81-9	Pentabromodiphenyl ether		0	0.1									1.32E+09	
608-93-5	Pentachlorobenzene		0	0.1									1.32E+09	
82-68-8	Pentachloronitrobenzene		0	0.1									1.32E+09	
87-86-5	Pentachlorophenol		0	0.25	1	1950	0.000001			592	1.18		1.32E+09	
7601-90-3	Perchlorate		0	0									1.32E+09	
52645-53-1	Permethrin		0	0.1									1.32E+09	
13684-63-4	Phenmedipham		0	0.1									1.32E+09	
108-95-2	Phenol		0	0.1		8.28E+04	1.63E-05			2.88E+01	5.76E-02		1.32E+09	
92-84-2	Phenothiazine		0	0.1									1.32E+09	
108-45-2	m-Phenylenediamine		0	0.1									1.32E+09	
95-54-5	o-Phenylenediamine		0	0.1									1.32E+09	
106-50-3	p-Phenylenediamine		0	0.1									1.32E+09	
62-38-4	Phenylmercuric acetate		0	0.1									1.32E+09	
90-43-7	2-Phenylphenol		0	0.1									1.32E+09	
298-02-2	Phorate		0	0.1									1.32E+09	
732-11-6	Phosmet		0	0.1									1.32E+09	
7803-51-2	Phosphine		0	0.1									1.32E+09	
7664-38-2	Phosphoric acid		0	0									1.32E+09	
7723-14-0	Phosphorus (white)		0	0									1.32E+09	
100-21-0	p-Phthalic acid		0	0.1									1.32E+09	
85-44-9	Phthalic anhydride		0	0.1									1.32E+09	
1918-02-1	Picloram		0	0.1	500								1.32E+09	
23505-41-1	Pirimiphos-methyl		0	0.1									1.32E+09	
59536-65-1	Polybrominated biphenyls		0	0.1									1.32E+09	
1336-36-3	Polychlorinated biphenyls (PCBs)		0	0.14	0.5					309000	618		1.32E+09	
12674-11-2	Aroclor 1016		0	0.14	0.5					3.09E+05	6.18E+02		1.32E+09	
11104-28-2	Aroclor 1221		0	0.14	0.5					309000	618		1.32E+09	
11141-16-5	Aroclor 1232		0	0.14	0.5					309000	618		1.32E+09	
53469-21-9	Aroclor 1242		0	0.14	0.5					3.09E+05	6.18E+02		1.32E+09	
12672-29-6	Aroclor 1248		0	0.14	0.5					309000	618		1.32E+09	
11097-69-1	Aroclor 1254		0	0.14	0.5					309000	618		1.32E+09	
11096-82-5	Aroclor 1260		0	0.14	0.5					3.09E+05	6.18E+02		1.32E+09	
61788-33-8	Polychlorinated terphenyls		0	0.1									1.32E+09	
83-32-9	Acenaphthene		1	0		4.24	0.00636	0.0421	0.00000769	4900	9.8	4.7E-07	1.82E+05	125
120-12-7	Anthracene		1	0		4.34E-02	2.67E-03	3.24E-02	7.74E-06	2.35E+04	4.70E+01	3.20E-08	7.00E+05	6.12E+00
56-55-3	Benz[a]anthracene		0	0.13		0.0094	0.000137			358000	716		1.32E+09	
205-99-2	Benzo[b]fluoranthene		0	0.13		0.0015	0.00455			1230000	2460		1.32E+09	
207-08-9	Benzo[k]fluoranthene		0	0.13		8.00E-04	3.40E-05			1.23E+06	2.46E+03		1.32E+09	
50-32-8	Benzo[a]pyrene		0	0.13	0.2	0	4.63E-05			969000	1940		1.32E+09	
218-01-9	Chrysene		0	0.13		0.0016	0.00388	0.0248	0.00000621	398000	796		1.32E+09	

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53-70-3	Dibenz[ah]anthracene		0	0.13		2.49E-03	6.03E-07			1.79E+06	3.58E+03		1.32E+09	
206-44-0	Fluoranthene		0	0.13		0.206	0.00066			49100	98.2		1.32E+09	
86-73-7	Fluorene		1	0		1.98	0.00261	0.0608	0.00000788	7900	15.8	1.7E-07	3.00E+05	94.1
193-39-5	Indeno[1,2,3-cd]pyrene		0	0.13		2.20E-05	6.56E-05			3.47E+06	6.94E+03		1.32E+09	
91-20-3	Naphthalene		1	0		31	0.0198	0.059	0.0000075	1190	2.38	8.4E-06	4.33E+04	225
129-00-0	Pyrene		1	0		0.135	0.000451	0.0272	0.00000724	68000	136	1.7E-09	3.06E+06	55.1
67747-09-5	Prochloraz		0	0.1									1.32E+09	
26399-36-0	Profluralin		0	0.1									1.32E+09	
1610-18-0	Prometon		0	0.1									1.32E+09	
7287-19-6	Prometryn		0	0.1									1.32E+09	
23950-58-5	Pronamide		0	0.1									1.32E+09	
1918-16-7	Propachlor		0	0.1									1.32E+09	
709-98-8	Propanil		0	0.1									1.32E+09	
2312-35-8	Propargite		0	0.1									1.32E+09	
107-19-7	Propargyl alcohol		0	0.1									1.32E+09	
139-40-2	Propazine		0	0.1									1.32E+09	
122-42-9	Propham		0	0.1									1.32E+09	
60207-90-1	Propiconazole		0	0.1									1.32E+09	
98-82-8	iso-Propylbenzene		1	0		6.10E+01	4.92E+01	7.50E-02	7.10E-06	2.20E+02	4.40E-01	1.80E-02	9.33E+02	6.47E+02
103-65-1	n-Propylbenzene	n-Butylbenzene	1	0		13.8	0.537	0.075	0.0000078	2830	5.66	0.00012	1.14E+04	237
57-55-6	Propylene glycol		0	0.1									1.32E+09	
111-35-3	Propylene glycol, monoethyl ether		0	0.1									1.32E+09	
107-98-2	Propylene glycol, monomethyl ether		0	0.1									1.32E+09	
75-56-9	Propylene oxide		1	0		476000	0.0035	0.119	0.0000129	24.7	0.0494	8.7E-05	1.34E+04	118000
81335-77-5	Pursuit		0	0.1									1.32E+09	
51630-58-1	Pydrin		0	0.1									1.32E+09	
110-86-1	Pyridine		0	0.1									1.32E+09	
13593-03-8	Quinalphos		0	0.1									1.32E+09	
91-22-5	Quinoline		0	0.1									1.32E+09	
121-82-4	RDX (Cyclonite)		0	0.1									1.32E+09	
10453-86-8	Resmethrin		0	0.1									1.32E+09	
299-84-3	Ronnel		0	0.1									1.32E+09	
83-79-4	Rotenone		0	0.1									1.32E+09	
78587-05-0	Savey		0	0.1									1.32E+09	
7783-00-8	Selenious Acid		0	0.1									1.32E+09	
7782-49-2	Selenium		0	0	50						5		1.32E+09	
630-10-4	Selenourea		0	0.1									1.32E+09	
74051-80-2	Sethoxydim		0	0.1									1.32E+09	
7440-22-4	Silver and compounds		0	0							8.3		1.32E+09	
122-34-9	Simazine		0	0.1	4								1.32E+09	
26628-22-8	Sodium azide		0	0									1.32E+09	
148-18-5	Sodium diethyldithiocarbamate		0	0.1									1.32E+09	
62-74-8	Sodium fluoroacetate		0	0.1									1.32E+09	
13718-26-8	Sodium metavanadate		0	0.1									1.32E+09	
7440-24-6	Strontium, stable		0	0									1.32E+09	
57-24-9	Strychnine		0	0.1									1.32E+09	
100-42-5	Styrene		1	0	100	310	0.113	0.071	0.000008	912	1.82	7.4E-05	1.46E+04	1730
80-07-9	1,1'-Sulfonylbis (4-chlorobenzene)		0	0									1.32E+09	
88671-89-0	Systhane		0	0.1									1.32E+09	

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1746-01-6	2,3,7,8-TCDD (dioxin)		0	0.03	0.00003								1.32E+09	
34014-18-1	Tebuthiuron		0	0.1									1.32E+09	
3383-96-8	Temephos		0	0.1									1.32E+09	
5902-51-2	Terbacil		0	0.1									1.32E+09	
13071-79-9	Terbufos		0	0.1									1.32E+09	
886-50-0	Terbutryn		0	0.1									1.32E+09	
95-94-3	1,2,4,5-Tetrachlorobenzene		0	0.1									1.32E+09	
630-20-6	1,1,1,2-Tetrachloroethane		1	0		2970	0.0141	0.071	0.0000079	79	0.158	9E-05	1.32E+04	1710
79-34-5	1,1,2,2-Tetrachloroethane		1	0		2.97E+03	1.41E-02	7.10E-02	7.90E-06	7.90E+01	1.58E-01	9.03E-05	1.32E+04	1.71E+03
127-18-4	Tetrachloroethylene (PCE)		1	0	5	200	0.754	0.072	0.0000082	265	0.53	0.00154	3.20E+03	366
58-90-2	2,3,4,6-Tetrachlorophenol		0	0.1						280	0.56		1.32E+09	
5216-25-1	p,a,a,a-Tetrachlorotoluene		0	0.1									1.32E+09	
811-97-2	1,1,1,2-Tetrafluoroethane		1	0									1.32E+09	
961-11-5	Tetrachlorovinphos		0	0.1									1.32E+09	
3689-24-5	Tetraethyldithiopyrophosphate		0	0.1									1.32E+09	
109-99-9	Tetrahydrofuran		0	0.1									1.32E+09	
7446-18-6	Thallium and compounds		0	0	0.5						71		1.32E+09	
28249-77-6	Thiobencarb		0	0.1									1.32E+09	
463-56-9	Thiocyanate		0	0.1									1.32E+09	
39196-18-4	Thiofanox		0	0.1									1.32E+09	
23564-05-8	Thiophanate-methyl		0	0.1									1.32E+09	
137-26-8	Thiram		0	0.1									1.32E+09	
7440-31-5	Tin and compounds		0	0									1.32E+09	
7440-32-6	Titanium		0	0.1									1.32E+09	
13463-67-7	Titanium dioxide		0	0.1									1.32E+09	
108-88-3	Toluene		1	0	1000	526	0.272	0.087	0.0000086	140	0.28	0.00124	3.56E+03	521
95-80-7	Toluene-2,4-diamine		0	0.1									1.32E+09	
95-70-5	Toluene-2,5-diamine		0	0.1									1.32E+09	
823-40-5	Toluene-2,6-diamine		0	0.1									1.32E+09	
106-49-0	p-Toluidine		0	0.1									1.32E+09	
8001-35-2	Toxaphene		0	0.1	3	0.74	0.000246			95800	192		1.32E+09	
66841-25-6	Tralometrin		0	0.1									1.32E+09	
2303-17-5	Triallate		0	0.1									1.32E+09	
82097-50-5	Triasulfuron		0	0.1									1.32E+09	
615-54-3	1,2,4-Tribromobenzene		0	0.1									1.32E+09	
56-35-9	Tributyltin oxide (TBTO)		0	0.1									1.32E+09	
634-93-5	2,4,6-Trichloroaniline		0	0.1									1.32E+09	
33663-50-2	2,4,6-Trichloroaniline hydrochloride		0	0.1									1.32E+09	
120-82-1	1,2,4-Trichlorobenzene		1	0	70	3.00E+02	5.82E-02	3.00E-02	8.23E-06	1.66E+03	3.32E+00	8.99E-06	4.18E+04	3.02E+03
71-55-6	1,1,1-Trichloroethane		1	0	200	1330	0.705	0.078	0.0000088	135	0.27	0.00273	2.40E+03	1390
79-00-5	1,1,2-Trichloroethane		1	0	3	4420	0.0374	0.078	0.0000088	75	0.15	0.00027	7.60E+03	2460
79-01-6	Trichloroethylene (TCE)		1	0	5	1.10E+03	4.22E-01	7.90E-02	9.10E-06	9.43E+01	1.89E-01	2.32E-03	2.60E+03	8.19E+02
75-69-4	Trichlorofluoromethane		1	0		1100	3.98	0.087	0.000013	160	0.32	0.00994	1.26E+03	1980
95-95-4	2,4,5-Trichlorophenol		0	0.1		1200	0.000178			1600	3.19		1.32E+09	
88-06-2	2,4,6-Trichlorophenol		0	0.1		8.00E+02	3.19E-04			3.81E+02	7.62E-01		1.32E+09	
93-76-5	2,4,5-Trichlorophenoxyacetic Acid		0	0.1									1.32E+09	
93-72-1	2-(2,4,5-Trichlorophenoxy) propionic acid		0	0.1	50								1.32E+09	
598-77-6	1,1,2-Trichloropropane		1	0		2.70E+03	1.19E+00	3.96E-02	9.32E-06	5.10E+01	1.02E-01	3.88E-03	2.01E+03	1.70E+03
96-18-4	1,2,3-Trichloropropane		1	0		2700	1.15	0.071	0.0000079	51	0.102	0.0068	1.52E+03	1670

Physical and Chemical Properties

CAS No.	Chemical	Surrogate	VOC	Skin Abs. Factor	MCL (ug/L)	Solubility (mg/L-water)	H' (unitless)	Dia (cm^2/s)	Diw (cm^2/s)	Koc (L/kg)	Kd (L/kg)	Da	VF for Soils (m^3/kg)	Csat (mg/kg)
96-19-5	1,2,3-Trichloropropene	1,2,3-Trichloropropane	1	0		2700	1.15	0.071	0.0000079	51	0.102	0.0068	1.52E+03	1670
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		1	0		1.10E+03	2.14E+01	2.88E-02	8.07E-06	1.60E+02	3.20E-01	6.31E-03	1.58E+03	5.55E+03
58138-08-2	Tridiphane		0	0.1									1.32E+09	
121-44-8	Triethylamine	Dimethylamine	1	0		1000000	0.00369	0.12	0.0000131	2.2	0.0044	0.0002	8.81E+03	114000
1582-09-8	Trifluralin		0	0.1									1.32E+09	
552-30-7	Trimellitic Anhydride (TMAN)		0	0.1									1.32E+09	
95-63-6	1,2,4-Trimethylbenzene		1	0		57	0.234	0.075	0.0000071	3720	7.44	4E-05	1.97E+04	1280
108-67-8	1,3,5-Trimethylbenzene		1	0		4.80E+01	3.16E-01	7.50E-02	7.10E-06	8.19E+02	1.64E+00	2.42E-04	8.05E+03	2.44E+02
512-56-1	Trimethyl phosphate		0	0.1									1.32E+09	
99-35-4	1,3,5-Trinitrobenzene		0	0.1									1.32E+09	
479-45-8	Trinitrophenylmethylnitramine		0	0.1									1.32E+09	
118-96-7	2,4,6-Trinitrotoluene		0	0.1									1.32E+09	
791-28-6	Triphenylphosphine oxide		0	0.1									1.32E+09	
115-96-8	Tris(2-chloroethyl) phosphate		0	0.1									1.32E+09	
N/A	Uranium, soluble salts (provisional)		0	0	30						0.4		1.32E+09	
N/A	Uranium, soluble salts (IRIS)		0	0	30						0.4		1.32E+09	
7440-62-2	Vanadium and compounds		0	0							1.00E+03		1.32E+09	
1929-77-7	Vernam		0	0.1									1.32E+09	
50471-44-8	Vinclozolin		0	0.1									1.32E+09	
108-05-4	Vinyl acetate		1	0		2.00E+04	2.10E-02	8.50E-02	9.20E-06	5.25E+00	1.05E-02	6.81E-04	4.80E+03	2.71E+03
593-60-2	Vinyl bromide	Bromomethane	1	0		17500	0.255	0.1	0.000012	126	0.252	0.00146	3.27E+03	15800
75-01-4	Vinyl chloride (child/adult)		1	0	2	2760	1.11	0.106	0.0000123	18.6	0.0372	0.0145	1.04E+03	1150
75-01-4	Vinyl chloride (adult)		1	0	2	2.76E+03	1.11E+00	1.06E-01	1.23E-06	1.86E+01	3.72E-02	1.45E-02	1.04E+03	1.15E+03
81-81-2	Warfarin		0	0.1									1.32E+09	
1330-20-7	Xylenes		1	0.1	10000	161	0.301	0.07	0.0000078	196	0.392	0.00082	4.38E+03	214
108-38-3	m-Xylene		1	0.1	10000	1.61E+02	3.01E-01	7.00E-02	7.80E-06	1.96E+02	3.92E-01	8.19E-04	4.38E+03	2.14E+02
95-47-6	o-Xylene		1	0.1	10000	178	0.213	0.087	0.00001	241	0.482	0.00061	5.09E+03	282
95-47-6	p-Xylene		1	0.1	10000	185	0.314	0.0769	0.00000844	311	0.622	0.00062	5.04E+03	375
7440-66-6	Zinc		0	0							6.20E+01		1.32E+09	
1314-84-7	Zinc phosphide		0	0									1.32E+09	
12122-67-7	Zineb		0	0.1									1.32E+09	