

ANALYSIS	CAS No.	MW	MW Ref	H <sup>+</sup>	H <sup>+</sup> Ref	Density (g/ml)	Density Ref	D <sub>20</sub>	D <sub>20</sub> Ref	D <sub>20</sub>	D <sub>20</sub> Ref	K <sub>oc</sub>	K <sub>oc</sub> Ref	S (mg/L)	S Ref
Acophate	30660-19-1	183.16	EPI	2.00E-11	not listed	1.35	CRC 87th edition					21.8	EPI (PCKOCWIN)	818000	Wauchope et al. (1991a)
Acetaldehyde	75-07-0	44.05	EPI	2.70E-03	Gaffney et al. (1987)	0.7834	CRC 87th edition	1.30E-01	USEPA 2001	1.40E-05	USEPA 2001	1.498	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Acetophenone	34256-82-0	136.17	EPI	9.10E-07	EPI (HenryWin)							176.1	EPI (PCKOCWIN)	21	Shiu et al. (1999)
Acetone	67-64-1	58.08	EPI	1.60E-03	Tari et al. (1985)	0.7845	CRC 87th edition	1.10E-01	USEPA 2001	1.10E-05	USEPA 2001	1.981	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Acetone Cyanohydrin	75-86-5	85.11	EPI	5.30E-04	EPI (HenryWin)	0.932	CRC 87th edition	8.60E-02	USEPA 2001	1.00E-05	USEPA 2001	1	EPI (PCKOCWIN)	1000000	Smiley (1981)
Acetonitrile	75-05-8	41.05	EPI	1.40E-03	Gaffney et al. (1987)	0.7857	CRC 87th edition	1.30E-01	USEPA 2001	1.40E-05	USEPA 2001	4.5	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Acetophenone	98-86-2	120.15	EPI	4.30E-04	Betterton (1991)	1.0281	CRC 87th edition	6.50E-02	USEPA 2001	8.70E-06	USEPA 2001	46.2	EPI (PCKOCWIN)	6130	Southworth and Keller (1986)
Acrolein	107-02-8	56.06	EPI	5.30E-03	Gaffney et al. (1987)	0.84	CRC 87th edition	1.10E-01	USEPA 2001	1.20E-05	USEPA 2001	2.763	EPI (PCKOCWIN)	212000	Seidell (1941)
Acrylamide	79-06-1	71.08	EPI	4.10E-08	not listed							10.46	EPI (PCKOCWIN)	540000	Yalkowsky and Dannenfelser (1992)
Acrylic Acid	79-10-7	72.06	EPI	1.50E-05	not listed	1.0511	CRC 87th edition	1.00E-01	USEPA 2001	1.20E-05	USEPA 2001	1.201	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Acrylonitrile	107-13-1	53.06	EPI	5.60E-03	Boock (1978)	0.8007	CRC 87th edition	1.10E-01	USEPA 2001	1.20E-05	USEPA 2001	8.3	EPI (PCKOCWIN)	74500	Yalkowsky and Dannenfelser (1992)
Adiponitrile	111-69-3	108.14	EPI	4.90E-08	not listed	0.9676	CRC 87th edition	7.10E-02	USEPA 2001	9.00E-06	USEPA 2001	96.05	EPI (PCKOCWIN)	80000	Smiley (1981)
Alachlor	15972-60-8	268.77	EPI	3.40E-07	Fendinger and Glettyff (1988)	1.133	CRC 87th edition					184.8	EPI (PCKOCWIN)	240	Chesters et al. (1989)
ALAR	1596-84-5	163.17	EPI	1.70E-08	not listed							10	EPI (PCKOCWIN)	100000	Tomlin (1994)
Aldicarb	116-06-3	190.26	EPI	5.90E-08	not listed	1.195	CRC 87th edition					32.49	EPI (PCKOCWIN)	6030	Bowman and Sans (1983a)
Aldicarb Sulfone	1646-88-4	222.26	EPI	1.40E-07	not listed							10	EPI (PCKOCWIN)	10000	Wauchope et al. (1991a)
Allyl Alcohol	309-00-2	364.92	EPI	1.80E-03	Altschuh et al. (1999)							105600	EPI (PCKOCWIN)	0.017	Yalkowsky and Dannenfelser (1992)
Aldin	74223-64-6	381.37	EPI	3.10E-12	EPI (HenryWin)							89.22	EPI (PCKOCWIN)	9500	Beyer et al. (1988)
Allyl Chloride	107-18-6	58.08	EPI	2.00E-04	Hine and Mookerjee (1975)	0.854	CRC 87th edition	1.10E-01	USEPA 2001	1.20E-05	USEPA 2001	1.325	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Aluminum	107-05-1	76.53	EPI	4.50E-01	not listed	0.9376	CRC 87th edition	9.40E-02	USEPA 2001	1.10E-05	USEPA 2001	43.79	EPI (PCKOCWIN)	3370	Dilling (1977)
Aluminum Phosphide	7429-90-5	30.01	EPI									0		0	CRC 85th edition, considered insoluble
Amdro	20859-73-8	57.96	EPI									634200000	EPI (PCKOCWIN)	0	CRC 85th edition, reacts in water and/or decomposes.
Amidrol	67486-29-4	494.49	EPI	9.00E-05	not listed							0.006	EPI (PCKOCWIN)	0.006	Tomlin (1994)
Aminophenol, m-	834-12-8	227.33	EPI	9.10E-08	EPI (HenryWin)							445	EPI (PCKOCWIN)	209	Yalkowsky and Dannenfelser (1992)
Aminophenol, p-	591-27-5	109.13	EPI	3.10E-08	EPI (HenryWin)							72.53	EPI (PCKOCWIN)	27000	Yalkowsky and Dannenfelser (1992)
Amitraz	123-30-8	109.13	EPI	3.90E-08	not listed	1.128	CRC 87th edition					72.53	EPI (PCKOCWIN)	6000	Dunn (1954)
Ammonia	33089-61-1	283.42	EPI	4.00E-04	Tomlin (1997)							643500	EPI (PCKOCWIN)	1	Shiu et al. (1990)
Ammonium Perchlorate	7664-41-7	17.03	EPI	6.60E-04	HLC from PHYPROP converted to H <sup>+</sup>							482000	EPI (PCKOCWIN)	482000	PHYSROP, measured at 24 degrees Celsius.
Ammonium Sulfamate	7790-98-9	117.49	EPI									245000	EPI (PCKOCWIN)	245000	CRC 85th edition, measured at 25 degrees Celsius.
Aniline	773-06-0	97.09	EPI												
Antimony	62-53-3	93.13	EPI	8.30E-05	Jayasinghe et al. (1992)	1.0217	CRC 87th edition	8.30E-02	USEPA 2001	1.00E-05	USEPA 2001	44.78	EPI (PCKOCWIN)	36000	Yalkowsky and Dannenfelser (1992)
Antimony (metallic)	7440-36-0	124.78	EPI											0	CRC 85th edition, assigned a water solubility value of 0
Antimony Pentoxide	1314-60-9													0	CRC 85th edition, measured at 20 degrees Celsius.
Antimony Potassium Tartrate	11071-15-1														
Antimony Tetroxide	1332-81-6	307.52	EPI												
Antimony Trioxide	1309-64-4	291.52	EPI												
Apollo	74115-24-5	303.15	EPI	1.60E-08	not listed							645400	EPI (PCKOCWIN)	1	Merck Index (1996)
Aramite	140-57-8	334.86	EPI	7.80E-06	EPI (HenryWin)	1.143	CRC 87th edition					20150	EPI (PCKOCWIN)	0.5902	EPI (WSKOWWIN)
Arsenic, inorganic	7440-38-2	77.95	EPI											0	CRC 85th edition, considered insoluble
Arsine	7784-42-1	77.95	EPI											957.6	Lange's (15th Ed.), measured at 20 degrees Celsius.
Assure	76578-14-8	372.81	EPI	4.30E-07	not listed							5423	EPI (PCKOCWIN)	0.4	Shiu et al. (1990)
Asulam	3337-71-1	230.24	EPI	7.00E-11	EPI (HenryWin)							41.58	EPI (PCKOCWIN)	5000	Yalkowsky and Dannenfelser (1992)
Atrazine	1912-24-9	215.69	EPI	9.60E-08	not listed							230.4	EPI (PCKOCWIN)	34.7	Ward and Weber (1988)
Avermectin B1	65195-55-3	875.12	EPI	5.40E-26	EPI (HenryWin)							1288	EPI (PCKOCWIN)	0.0003504	EPI (WSKOWWIN)
Azobenzene	103-33-3	182.23	EPI	5.50E-04	not listed	1.09	CHEMFINDER	3.40E-02	USEPA 2001	7.00E-06	USEPA 2001	1954	EPI (PCKOCWIN)	6.4	Talasila et al. (1969)
Barium	7440-39-3	137.33	EPI											0	CRC 85th edition, reacts in water and/or decomposes.
Baygon	114-26-1	209.25	EPI	5.80E-08	not listed	1.12	CRC 87th edition					44.18	EPI (PCKOCWIN)	1860	Bowman and Sans (1983)
Bayleton	43121-43-3	283.76	EPI	3.30E-09	not listed	1.22	CRC 87th edition					5224	EPI (PCKOCWIN)	71.5	Wauchope et al. (1991a)
Baythroid	68359-37-5	434.3	EPI	6.10E-09	not listed							178600	EPI (PCKOCWIN)	0.003	Tomlin (1997)
Benefin	1861-40-1	335.29	EPI	1.20E-02	not listed	0.8775	CRC 87th edition	7.40E-02	USEPA 2001	9.50E-06	USEPA 2001	9682	EPI (PCKOCWIN)	0.1	Tomlin (1997)
Benomyl	17804-35-2	290.32	EPI	2.90E-09	USDA Pest. Prop. Database							519.9	EPI (PCKOCWIN)	3.8	Yalkowsky and Dannenfelser (1992)
Benetonaz	25057-89-0	240.28	EPI	8.90E-08	not listed							37.51	EPI (PCKOCWIN)	500	Shiu et al. (1990)
Benzoaldehyde	100-52-7	106.13	EPI	1.10E-03	Betterton and Hoffman (1988)	1.0401	CRC 87th edition	7.40E-02	USEPA 2001	9.50E-06	USEPA 2001	32.67	EPI (PCKOCWIN)	6570	Yalkowsky and Dannenfelser (1992)
Benzene	71-43-2	78.11	EPI	2.30E-01	MacKay et al. (1979)	0.8765	CRC 87th edition	9.00E-02	USEPA 2001	1.00E-05	USEPA 2001	185.5	EPI (PCKOCWIN)	1790	May et al. (1983)
Benzeneethiol	108-98-9	110.17	EPI	1.40E-02	not listed	0.0775	CRC 87th edition	7.30E-02	USEPA 2001	9.50E-06	USEPA 2001	268	EPI (PCKOCWIN)	835	Wikita et al. (1988)
Benzidine	92-87-5	184.24	EPI	2.90E-09	EPI (HenryWin)							2740	EPI (PCKOCWIN)	322	Yalkowsky and Dannenfelser (1992)
Benzoic Acid	65-85-0	122.12	EPI	1.60E-06	not listed	1.2659	CRC 87th edition					14.49	EPI (PCKOCWIN)	3400	Yalkowsky and Dannenfelser (1992)
Benzochloride	98-07-7	195.48	EPI	1.10E-02	EPI (HenryWin)	1.3723	CRC 87th edition	3.10E-02	USEPA 2001	7.70E-06	USEPA 2001	1181	EPI (WSKOWWIN)	21.72	EPI (WSKOWWIN)
Benzyl Alcohol	100-51-6	108.14	EPI	1.40E-05	Abraham et al. (1994)	1.0419	CRC 87th edition	7.30E-02	USEPA 2001	9.40E-06	USEPA 2001	15.66	EPI (PCKOCWIN)	42900	Yalkowsky and Dannenfelser (1992)
Benzyl Chloride	100-44-7	126.59	EPI	1.70E-02	not listed	1.1004	CRC 87th edition	6.30E-02	USEPA 2001	8.80E-06	USEPA 2001	517.8	EPI (PCKOCWIN)	20	Talian et al. (1986)
Beryllium and compounds	7440-41-7	9.01	EPI											0	Lange's (15th Ed.), considered insoluble
Bidrin	141-66-2	237.19	EPI	2.10E-09	Dupont (Pest. Prop. Database)	1.216	CRC 87th edition					386.2	EPI (PCKOCWIN)	1000000	Shiu et al. (1990)
Bifenox	42576-02-3	342.14	EPI	4.40E-06	not listed							3794	EPI (PCKOCWIN)	0.398	Wauchope et al. (1991a)
Biphenthrin	82657-04-3	422.88	EPI	4.10E-05	not listed	1.2	CRC 87th edition					3228000	EPI (PCKOCWIN)	0.1	Tomlin (1997)
Biphenyl, 1,1'-	92-52-4	154.21	EPI	1.30E-02	Shiu and MacKay (1997)	1.04	CRC 87th edition	4.70E-02	USEPA 2001	7.60E-06	USEPA 2001	6250	EPI (PCKOCWIN)	6.94	Pearlman et al. (1984)
Bis(2-chloroethoxy)methane	111-91-1	173.04	EPI	9.90E-06	EPI (HenryWin)							2.767	EPI (PCKOCWIN)	7800	Beilstein
Bis(2-chloroethyl)ether	111-44-4	143.01	EPI	7.00E-04	not listed	1.22	CRC 87th edition	5.70E-02	USEPA 2001	8.70E-06	USEPA 2001	14.95	EPI (PCKOCWIN)	17200	Veith et al. (1980)
Bis(2-chloro-1-methylethyl) ether	108-60-1	171.07	EPI	4.60E-03	not listed	1.103	CRC 87th edition	4.00E-02	USEPA 2001	7.40E-06	USEPA 2001	39.22	EPI (PCKOCWIN)	1700	Yalkowsky and Dannenfelser (1992)
Bis(2-ethylhexyl)phthalate	117-81-7	390.57	EPI	1.10E-05	not listed	0.981	CRC 87th edition					165400	EPI (PCKOCWIN)	0.27	Deloe et al. (1990)
Bis(chloromethyl)ether	542-88-1	114.96	EPI	8.40E-03	not listed	1.323	CRC 87th edition	7.60E-02	USEPA 2001	1.00E-05	USEPA 2001	4.395	EPI (PCKOCWIN)	22000	Mabeey et al. (1981)
Bisphenol A	80-05-7	228.29	EPI	3.70E-10	EPI (HenryWin)							175190	EPI (PCKOCWIN)	120	Dunn et al. (1987)
Boron And Borates Only	7440-42-8	13.84	EPI											0	CRC 85th edition, considered insoluble
Boron Trifluoride	7637-07-2	67.81	EPI											0	CRC 85th edition, considered insoluble
Bromate	15541														

Carbon Tetrachloride	56-23-5	153.82	EPI	1.10E+00	Leighton and Calo (1981)	1.594	CRC 87th edition	5.70E-02	USEPA 2001	9.80E-06	USEPA 2001	48.64	EPI (PCKOCWIN)	793	Horvath (1982)
Carbosulfan	55285-14-8	380.55	EPI	2.10E-05	not listed	1.056	CRC 87th edition					15020	EPI (PCKOCWIN)	0.3	Tomlin (1994)
5234-68-4	235.3	EPI	1.10E-08	not listed								79.96	EPI (PCKOCWIN)	198	Tomlin (1994)
Chloral Hydrate	302-17-0	165.4	EPI	4.50E-09	EPI (HenryWin)	1.9081	CRC 87th edition	5.40E-02	USEPA 2001	1.00E-05	USEPA 2001	1	EPI (PCKOCWIN)	3830000	Yalkowsky and Dannenfelser (1992)
Chloramben	133-90-4	206.03	EPI	1.60E-09	not listed							10.72	EPI (PCKOCWIN)	700	Martin and Worthing (1977)
Chloranil	118-75-2	245.88	EPI	1.30E-08	EPI (HenryWin)							10.8	EPI (PCKOCWIN)	250	Yalkowsky and Dannenfelser (1992)
Chlorodane	12789-03-6	409.78	EPI	2.00E-03	Warner et al. (1987)	1.6	CRC 87th edition					86650	EPI (PCKOCWIN)	0.056	Sanborn et al. (1976)
Chlorodecane (Kapone)	143-80-0	490.64	EPI	2.20E-06	not listed	1.61	CRC 87th edition					17520	EPI (PCKOCWIN)	2.7	Kilzer et al. (1979)
Chloromim, Ethyl-	90982-32-4	144.82	EPI	7.40E-02	not listed							78.19	EPI (PCKOCWIN)	1200	Tomlin (1997)
Chlorine	7782-50-5	70.91	EPI	4.80E-01	HLC from PHYPROP converted to H'								EPI (PCKOCWIN)	6300	PHYSPROP
Chlorine Dioxide	10049-04-4	67.45	EPI											112000	Lange's (15th Ed.), measured at 10 degrees Celsius.
Chlorite (Sodium Salt)	7758-19-2	90.44	EPI											640000	CRC 85th edition, measured at 17 degrees Celsius.
Chloro-1,1-difluoroethane, 1-	75-68-3	100.5	EPI	2.40E+00	Chang and Criddle (1995)	1.107	CRC 87th edition	8.00E-02	USEPA 2001	1.00E-05	USEPA 2001	48.64	EPI (PCKOCWIN)	1400	Chang and Criddle (1995)
Chloro-1,3-butadiene, 2-	125-99-6	80.54	EPI	2.30E-05	EPI (HenryWin)	0.956	CRC 87th edition	8.40E-02	USEPA 2001	1.00E-05	USEPA 2001	67.7	EPI (PCKOCWIN)	874.9	EPI (WSKOWWIN)
Chloro-2-methylamine HCl, 4-	3165-93-3	141.6	EPI	8.10E-05	EPI (HenryWin)			7.00E-02	USEPA 1987	8.20E-06	USEPA 1987	119.9	EPI (PCKOCWIN)	953.9	EPI (WSKOWWIN)
Chloro-2-methylamine, 4-	95-69-2	141.6	EPI	8.10E-05	EPI (HenryWin)			7.00E-02	USEPA 1987	8.20E-06	USEPA 1987	119.9	EPI (PCKOCWIN)	953.9	EPI (WSKOWWIN)
Chloroacetic Acid	79-11-8	94.5	EPI	3.90E-07	not listed	1.4043	CRC 87th edition					1.201	EPI (PCKOCWIN)	858000	Seidell (1941)
Chloroacetophenone, 2-	532-27-4	154.6	EPI	1.30E-04	EPI (HenryWin)	1.324	CRC 87th edition	5.20E-02	USEPA 2001	8.70E-06	USEPA 2001	89.26	EPI (PCKOCWIN)	1635	EPI (WSKOWWIN)
Chloroaniline, p-	106-47-6	127.57	EPI	1.70E-05	not listed	1.429	CRC 87th edition	7.70E-02	USEPA 2001	1.00E-05	USEPA 2001	72.53	EPI (PCKOCWIN)	3800	Kilzer et al. (1979)
Chlorobenzene	108-90-7	112.56	EPI	1.30E-01	Shiu and MacKay (1997)	1.1058	CRC 87th edition	7.20E-02	USEPA 2001	9.50E-06	USEPA 2001	268	EPI (PCKOCWIN)	498	Horvath (1982)
Chlorobenzilate	510-15-6	325.19	EPI	3.00E-06	not listed	1.2816	CRC 87th edition					1263	EPI (PCKOCWIN)	13	Furrer and Geiger (1977)
Chlorobenzotrifluoride, 4-	98-56-6	180.56	EPI	1.40E+00	EPI (HenryWin)	1.334	CRC 87th edition	0.038	USEPA 2001	8E-06	USEPA 2001	1912	EPI (PCKOCWIN)	46.06	EPI (WSKOWWIN)
Chlorobutane, 1-	109-69-3	92.57	EPI	6.80E-01	Leighton and Calo (1981)	0.8857	CRC 87th edition	7.80E-02	USEPA 2001	9.30E-06	USEPA 2001	80.77	EPI (PCKOCWIN)	1100	Riddick et al. (1986)
Chlorodifluoromethane	75-45-6	86.47	EPI	1.70E+00	Chang and Criddle (1995)	1.4969	CRC 87th edition	1.00E-01	USEPA 2001	1.30E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	2770	Horvath (1982)
Chloroform	67-66-3	119.38	EPI	1.50E-01	Gosselt (1987)	1.4788	CRC 87th edition	7.70E-02	USEPA 2001	1.10E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	7850	
Chloroformane	74-87-3	50.49	EPI	3.60E-01	Gosselt (1987)	0.911	CRC 87th edition	0.12	USEPA 2001	1.4E-05	USEPA 2001	14.3	EPI (PCKOCWIN)	5320	Horvath (1982)
Chloronaphthalene, Beta-	91-58-7	162.62	EPI	1.30E-02	Shiu and MacKay (1997)	1.1377	CRC 87th edition	0.045	USEPA 2001	7.7E-06	USEPA 2001	2976	EPI (PCKOCWIN)	11.7	MacKay and Shiu (1981)
Chloronitrobenzene, o-	88-73-3	157.56	EPI	3.80E-04	Altschuh et al. (1999)	1.368	CRC 87th edition	0.051	USEPA 2001	8.8E-06	USEPA 2001	315.5	EPI (PCKOCWIN)	441	Yalkowsky and Dannenfelser (1992)
Chloronitrobenzene, p-	100-00-0	157.56	EPI	2.00E-04	Altschuh et al. (1999)	1.2979	CRC 87th edition	0.05	USEPA 2001	8.5E-06	USEPA 2001	309	EPI (PCKOCWIN)	225	Yalkowsky and Dannenfelser (1992)
Chlorophenol, 2-	95-57-8	128.56	EPI	4.60E-04	Abraham et al. (1994)	1.2634	CRC 87th edition	0.066	USEPA 2001	9.5E-06	USEPA 2001	443.1	EPI (PCKOCWIN)	28500	Banerjee et al. (1980)
Chlorothalonil	1897-45-6	265.91	EPI	8.20E-05	Kawamoto and Urano (1989)	1.7	CRC 87th edition					2392	EPI (PCKOCWIN)	0.6	Worthing and Walker (1987)
Chlorotoluene, o-	95-49-8	126.59	EPI	1.50E-01	Leighton and Calo (1981)	1.0825	CRC 87th edition	6.30E-02	USEPA 2001	8.70E-06	USEPA 2001	443.1	EPI (PCKOCWIN)	374	Valvani et al. (1981)
Chlorotoluene, p-	106-43-4	126.59	EPI	1.80E-01	not listed	1.0697	CRC 87th edition	6.30E-02	USEPA 2001	8.70E-06	USEPA 2001	434	EPI (PCKOCWIN)	106	Yalkowsky and Dannenfelser (1992)
Chloropropane	101-21-3	74.08	EPI	9.8E-07	not listed	1.18	CRC 87th edition					207.9	EPI (PCKOCWIN)	89	Wauchope et al. (1992)
Chlorpyrifos	2921-88-2	350.59	EPI	0.00012	Rice and Chernyak (1995)							6829	EPI (PCKOCWIN)	112	
Chlorpyrifos Methyl	5598-13-0	322.53	EPI	1.50E-04	not listed							2008	EPI (PCKOCWIN)	4.76	Chiou et al. (1977)
Chlorsulfuron	64902-72-3	357.77	EPI	1.60E-13	not listed							239.2	EPI (PCKOCWIN)	28000	Beyer et al. (1988)
Chlorthiophos	60238-56-4	361.24	EPI	4.90E-05	EPI (HenryWin)							13200	EPI (PCKOCWIN)	0.05864	EPI (WSKOWWIN)
Chromium (III) (Insoluble Salts)	16065-83-1													0	CRC 85th edition, considered insoluble
Chromium VI (chromic acid mists)	18540-29-9													1690000	CRC 85th edition, measured at 25 degrees Celsius.
Chromium VI (particulates)	18540-29-9													1690000	CRC 85th edition, measured at 25 degrees Celsius.
Chromium, Total (1.6 ratio Cr VI : Cr III)	7440-47-3													0	CRC 85th edition, considered insoluble
Cobalt	7440-48-4	58.93	EPI											0	Lange's (15th Ed.), considered insoluble
Coke Oven Emissions	8007-45-2	78.11	EPI	2.30E-01	MacKay et al. (1979)			1.00E-01	USEPA 1987	1.20E-05	USEPA 1987	165.5	EPI (PCKOCWIN)	1790	May et al. (1983)
Copper	7440-50-8	63.55	EPI											0	CRC 85th edition, considered insoluble
Cresol, m-	109-39-4	108.14	EPI	0.000035	Altschuh et al. (1999)	1.0339	CRC 87th edition	0.073	USEPA 2001	9.3E-06	USEPA 2001	434	EPI (PCKOCWIN)	22700	Yalkowsky and Dannenfelser (1992)
Cresol, o-	95-48-7	108.14	EPI	0.000049	Gaffney et al. (1987)	1.0327	CRC 87th edition	0.073	USEPA 2001	9.3E-06	USEPA 2001	443.1	EPI (PCKOCWIN)	25900	Yalkowsky and Dannenfelser (1992)
Cresol, p-	106-44-5	108.14	EPI	0.000041	Gaffney et al. (1987)	1.0185	CRC 87th edition	0.072	USEPA 2001	9.2E-06	USEPA 2001	434	EPI (PCKOCWIN)	21500	Yalkowsky and Dannenfelser (1992)
Crutonaldehyde, trans-	123-73-9	70.09	EPI	0.000079	Hine and Mookerjee (1975)	0.8516	CRC 87th edition	0.096	USEPA 2001	1.1E-05	USEPA 2001	5.096	EPI (PCKOCWIN)	181000	Baxter (1979)
Cumene	98-82-8	120.2	EPI	4.70E-01	Sanemasa et al. (1982)	0.864	CRC 87th edition	0.06	USEPA 2001	7.9E-06	USEPA 2001	917.2	EPI (PCKOCWIN)	61.3	Sanemasa et al. (1982)
Cyanazine	2407-10-2	240.7	EPI	1.20E-10	USDA Pest. Prop. Database	5.1	CRC 87th edition	0.08	USEPA 2001	9.1E-06	USEPA 2001	165.5	EPI (PCKOCWIN)	170	Wauchope et al. (1991a)
Cyclohexane	110-82-7	84.16	EPI	6.1	Book (1976)	0.7739	CRC 87th edition	0.08	USEPA 2001	9.1E-06	USEPA 2001	165.5	EPI (PCKOCWIN)	165.5	McAuliffe (1966)
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	513.09	EPI	4.4E-10	EPI (HenryWin)							3380	EPI (PCKOCWIN)	0.05496	EPI (WSKOWWIN)
Cyclohexanone	108-94-1	98.15	EPI	3.70E-04	Hawthorne et al. (1985)	0.9478	CRC 87th edition	0.077	USEPA 2001	9.4E-06	USEPA 2001	15.15	EPI (PCKOCWIN)	25000	Yalkowsky and Dannenfelser (1992)
Cyclohexylamine	108-91-8	99.18	EPI	1.70E-04	Altschuh et al. (1999)	0.8191	CRC 87th edition	0.071	USEPA 2001	8.5E-06	USEPA 2001	49.37	EPI (PCKOCWIN)	1000000	Merck Index (1996)
Cyhalothrin/karate	68086-85-8	449.86	EPI	not listed								476000	EPI (PCKOCWIN)	0.005	USDA Pest. Prop. Database
Cypermethrin	52315-07-8	416.31	EPI	1.70E-05	not listed	1.25	CRC 87th edition					108000	EPI (PCKOCWIN)	0.004	Wauchope et al. (1991a)
Cyromazine	66215-27-8	166.19	EPI	2.30E-12	not listed							21.04	EPI (PCKOCWIN)	13000	Tomlin (1997)
<b>Cyanides</b>															
Calcium Cyanide	592-01-8	92.11	EPI											0	CRC 85th edition, considered insoluble
Copper Cyanide	544-92-3	89.56	EPI											0	
Cyanide (CN-)	57-12-5	27.03	EPI											0	
Cyanogen	460-19-5	52.04	EPI	2.20E-01	HLC from Yaw's converted to H'	0.9537	CRC 87th edition	0.12	USEPA 2001	1.4E-05	USEPA 2001			10510	Lange's (15th Ed.), measured at 20 degrees Celsius
Cyanogen Bromide	506-68-3	105.92	EPI			2.015	CRC 87th edition	0.098	USEPA 2001	1.4E-05	USEPA 2001				
Cyanogen Chloride	506-77-4	81.47	EPI	7.90E-02	HLC from Yaw's converted to H'	1.186	CRC 87th edition	0.12	USEPA 2001	1.4E-05	USEPA 2001			60000	
Hydrogen Cyanide	74-90-8	27.03	EPI	5.40E-03	HLC from PHYPROP converted to H'	0.6876	CRC 87th edition	1.70E-01	USEPA 2001	1.70E-05	USEPA 2001			1000000	PHYSPROP, measured at 25 degrees Celsius.
Potassium Cyanide	151-50-8	85.12	EPI											699000	CRC 85th edition, measured at 20 degrees Celsius.
Potassium Silver Cyanide	506-61-6	199	EPI											250000	Lange's (15th Ed.), measured at 30 degrees Celsius.
Silver Cyanide	506-64-9	133.89	EPI											0.011	CRC 85th edition
Sodium Cyanide	143-33-9	49.01	EPI											582000	CRC 85th edition, measured at 20 degrees Celsius.
Thiocyanate	463-56-9	59.09	EPI	6.00E-03	EPI (HenryWin)			1.30E-01	USEPA 1987	1.50E-05	USEPA 1987	4.5	EPI (PCKOCWIN)	43610	EPI (WSKOWWIN)
Zinc Cyanide	55721-1	117.43	EPI											590	Lange's (15th Ed.), measured at 18 degrees Celsius.
Dachal	1861-32-1	331.97	EPI	8.90E-05	not listed										

Dichloroethane, 1,1-	75-34-3	98.96	EPI	2.30E-01	Gossett (1987)	1.1757	CRC 87th edition	0.084	USEPA 2001	1.1E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	5040	
Dichloroethane, 1,2-	107-06-2	98.96	EPI	4.80E-02	Leighton and Calo (1981)	1.2454	CRC 87th edition	0.086	USEPA 2001	1.1E-05	USEPA 2001	43.79	EPI (PCKOCWIN)	5100	Kuhn and Sander (1981)
Dichloroethylene, 1,1-	75-35-4	96.94	EPI	1.1E-00	Gossett (1987)	1.213	CRC 87th edition	0.086	USEPA 2001	1.1E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	5100	
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0	96.94	EPI	0.17	Gossett (1987)			0.09	USEPA 1987	1.1E-05	USEPA 1987	43.79	EPI (PCKOCWIN)	3500	
Dichloroethylene, 1,2-cis-	156-59-2	96.94	EPI	0.17	Gossett (1987)	1.2837	CRC 87th edition	0.088	USEPA 2001	1.1E-05	USEPA 2001	43.79	EPI (PCKOCWIN)	3500	Yalkowsky and Dannenfelser (1992)
Dichloroethylene, 1,2-trans-	156-60-5	96.94	EPI	0.38	Gossett (1987)	1.2565	CRC 87th edition	0.088	USEPA 2001	1.1E-05	USEPA 2001	43.79	EPI (PCKOCWIN)	3500	
Dichlorophenol, 2,4-	120-83-2	163	EPI	9.0E-05	not listed			0.064	USEPA 1987	7.4E-06	USEPA 1987	717.6	EPI (PCKOCWIN)	4500	
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	221.04	EPI	1.40E-06	not listed							26.41	EPI (PCKOCWIN)	677	
Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6	248.1	EPI	2.40E-07	EPI (HenryWin)							100.1	EPI (PCKOCWIN)	46	
Dichloropropane, 1,2-	78-57-5	112.99	EPI	1.20E-01	Warner et al. (1987)			0.081	USEPA 1987	9.5E-06	USEPA 1987	67.7	EPI (PCKOCWIN)	2800	
Dichloropropane, 1,3-	142-28-9	112.99	EPI	4.00E-02	Leighton and Calo (1981)	1.1785	CRC 87th edition	0.074	USEPA 2001	9.8E-06	USEPA 2001	80.77	EPI (PCKOCWIN)	2750	
Dichloropropanol, 2-	116-23-9	128.99	EPI	1.50E-07	EPI (HenryWin)	1.3607	CRC 87th edition					3.957	EPI (PCKOCWIN)	64220	EPI (WSKOWWIN)
Dichloropropanol, 1,3-	542-75-6	110.97	EPI	1.50E-01	Warner et al. (1987)			8.20E-02	USEPA 1987	9.60E-06	USEPA 1987	80.77	EPI (PCKOCWIN)	2800	
Dichloros	62-73-5	220.98	EPI	2.30E-05	not listed							40.2	EPI (PCKOCWIN)	9000	
Dicyclopentadiene	77-73-6	132.21	EPI	2.60E+00	EPI (HenryWin)	1.415	CRC 87th edition	0.073	USEPA 1987	8.6E-06	USEPA 1987	1800	EPI (PCKOCWIN)	51.88	
Dieldrin	60-57-1	380.91	EPI	4.10E-04	Altschuh et al. (1999)	1.75	CRC 87th edition					10600	EPI (PCKOCWIN)	0.25	
Diesel Engine Exhaust	NA														
Diethyl Phthalate	84-66-2	222.24	EPI	2.50E-05	not listed	1.232	CRC 87th edition					126.2	EPI (PCKOCWIN)	1080	Howard et al. (1985)
Diethylene Glycol Monoethyl Ether	112-34-5	162.23	EPI	1.80E-09	EPI (HenryWin)	0.9553	CRC 87th edition					19	EPI (PCKOCWIN)	1000000	Dow Chem. Co. (1981)
Diethylene Glycol Dimethyl Ether	111-90-0	134.18	EPI	9.10E-10	EPI (HenryWin)	0.9885	CRC 87th edition					1	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Diethylformamide	617-84-5	101.15	EPI	5.30E-06	EPI (HenryWin)	0.908	CRC 87th edition					9.001	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Diethylstilbestrol	56-53-1	268.36	EPI	2.40E-10	EPI (HenryWin)							569200	EPI (PCKOCWIN)	12	Yalkowsky and Dannenfelser (1992)
Difenzoquat	43222-48-6	360.43	EPI									117700	EPI (PCKOCWIN)	1492	EPI (WSKOWWIN)
Diflubenzuron	35367-39-5	310.69	EPI	1.9E-07	not listed							1959	EPI (PCKOCWIN)	0.08	Tomlin (1997)
Dihydroethane, 1,1-	75-37-6	85.05	EPI	8.30E-01	Hine and Mookerjee (1975)	0.896	CRC 87th edition	1.00E-01	USEPA 2001	1.20E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	3200	Horvath (1982)
Diisopropyl Ether	108-20-3	102.18	EPI	9.30E-02	not listed	0.7192	CRC 87th edition	6.50E-02	USEPA 2001	7.80E-06	USEPA 2001	10.5	EPI (PCKOCWIN)	8900	Heitmann et al. (1987)
Diisopropyl Methylphosphonate	1445-75-6	180.19	EPI	1.80E-03	not listed			6.00E-02	USEPA 1987	7.00E-06	USEPA 1987	31.28	EPI (PCKOCWIN)	1500	Rosenblatt et al. (1975)
Dimethipin	55290-64-7	210.26	EPI	9.40E-10	not listed							27.41	EPI (PCKOCWIN)	4600	Tomlin (1994)
Dimethoate	60-51-5	223.25	EPI	4.30E-09	not listed	1.277	CRC 87th edition					23.52	EPI (PCKOCWIN)	25000	Martin and Worthing (1977)
Dimethylbenzidine, 3,3'-	119-90-4	244.3	EPI	1.19E-09	EPI (HenryWin)							44	EPI (PCKOCWIN)	60	Yalkowsky and Dannenfelser (1992)
Dimethyl methylphosphonate	756-79-6	124.08	EPI	5.10E-05	EPI (HenryWin)	1.1684	CRC 87th edition	6.70E-02	USEPA 2001	9.20E-06	USEPA 2001	3.848	EPI (PCKOCWIN)	1000000	Bennett et al. (1984)
Dimethylaniline HCl, 2,4-	21436-96-4	121.18	EPI	1.00E-04	EPI (HenryWin)			7.80E-02	USEPA 1987	9.10E-06	USEPA 1987	119.9	EPI (PCKOCWIN)	3652	EPI (WSKOWWIN)
Dimethylaniline, 2,4-	95-68-1	121.18	EPI	1.00E-04	EPI (HenryWin)	0.9723	CRC 87th edition	6.30E-02	USEPA 2001	8.40E-06	USEPA 2001	119.9	EPI (PCKOCWIN)	3652	EPI (WSKOWWIN)
Dimethylaniline, N,N-	121-69-7	121.18	EPI	2.30E-03	not listed	0.9557	CRC 87th edition	0.063	USEPA 2001	8.3E-06	USEPA 2001	77.08	EPI (PCKOCWIN)	1450	Huyskens et al. (1975)
Dimethylbenzidine, 3,3'-	119-93-7	212.3	EPI	9.30E-09	EPI (HenryWin)							7489	EPI (PCKOCWIN)	3000	Yalkowsky and Dannenfelser (1992)
Dimethylformamide	68-12-2	73.1	EPI	3.00E-06	Tait et al. (1985)	0.9445	CRC 87th edition					2.411	EPI (PCKOCWIN)	1000000	not given
Dimethylphenol, 2,4-	105-67-9	122.17	EPI	3.90E-05	Abraham et al. (1994)	0.965	CRC 87th edition	6.20E-02	USEPA 2001	8.30E-06	USEPA 2001	717.6	EPI (PCKOCWIN)	7870	Banerjee et al. (1980)
Dimethylphenol, 2,6-	975-26-1	122.17	EPI	2.70E-04	Hawthorne et al. (1985)			0.077	USEPA 1987	9E-06	USEPA 1987	732.5	EPI (PCKOCWIN)	6050	Yalkowsky and Dannenfelser (1992)
Dimethylphenol, 3,4-	95-65-8	122.17	EPI	1.70E-05	Abraham et al. (1994)	0.983	CRC 87th edition	0.063	USEPA 2001	8.4E-06	USEPA 2001	717.6	EPI (PCKOCWIN)	4760	Yalkowsky and Dannenfelser (1992)
Dimethylphthalate	120-61-6	194.19	EPI	not listed		1.075	CRC 87th edition					35.33	EPI (PCKOCWIN)	19	Tomlin (1982)
Dinitro-o-cresol, 4,6-	534-52-1	198.14	EPI	5.70E-05	Warner et al. (1987)			0.056	USEPA 1987	6.5E-06	USEPA 1987	601.5	EPI (PCKOCWIN)	198	Schwarzenbach et al. (1988)
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	266.26	EPI	1.40E-09	EPI (HenryWin)							14030	EPI (PCKOCWIN)	15	Yalkowsky and Dannenfelser (1992)
Dinitrobenzene, 1,2-	528-29-0	168.11	EPI	1.50E-05	EPI (HenryWin)	1.3119	CRC 87th edition	0.045	USEPA 2001	8.3E-06	USEPA 2001	224.6	EPI (PCKOCWIN)	500	Dehn (1917)
Dinitrobenzene, 1,3-	99-65-0	168.11	EPI	2.00E-06	Altschuh et al. (1999)	1.5751	CRC 87th edition					220.1	EPI (PCKOCWIN)	533	Spanggaard et al. (1980)
Dinitrobenzene, 1,4-	100-25-6	168.11	EPI	1.50E-05	EPI (HenryWin)	1.625	CRC 87th edition	4.90E-02	USEPA 2001	9.40E-06	USEPA 2001	220.1	EPI (PCKOCWIN)	69	Yalkowsky and Dannenfelser (1992)
Dinitrophenol, 2,4-	51-25-5	184.11	EPI	0.0000035	Tremo et al. (1993)	1.683	CRC 87th edition					363.8	EPI (PCKOCWIN)	2790	Schwarzenbach et al. (1988)
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	182.14	EPI	0.000016	EPI (HenryWin)			0.059	USEPA 1987	6.9E-06	USEPA 1987	371.4	EPI (PCKOCWIN)	270	Seidell (1941)
Dinitrotoluene, 2,4-	121-14-2	182.14	EPI	2.20E-06	Altschuh et al. (1999)	1.3208	CRC 87th edition					363.8	EPI (PCKOCWIN)	270	Spanggaard et al. (1980)
Dinitrotoluene, 2,6-	606-20-2	182.14	EPI	3.10E-05	not listed			0.037	USEPA 2001	7.8E-06	USEPA 2001	371.4	EPI (PCKOCWIN)	352.4	EPI (WSKOWWIN)
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	197.15	EPI	6.60E-09	EPI (HenryWin)							100.5	EPI (PCKOCWIN)	1223	EPI (WSKOWWIN)
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	197.15	EPI	6.60E-09	EPI (HenryWin)							100.5	EPI (PCKOCWIN)	1223	EPI (WSKOWWIN)
Dinoseb	88-85-7	240.22	EPI	1.90E-05	not listed	1.265	CRC 87th edition					3544	EPI (PCKOCWIN)	52	WSSA (1983)
Dioxane, 1,4-	123-91-1	88.11	EPI	2.00E-04	Park et al. (1987)	1.0337	CRC 87th edition	0.087	USEPA 2001	1.1E-05	USEPA 2001	1	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Diphenamid	957-51-7	239.32	EPI	1.5E-09	not listed	1.17	CRC 87th edition					15450	EPI (PCKOCWIN)	260	Tomlin (1994)
Diphenyl Sulfone	127-63-9	218.27	EPI	0.00001	EPI (HenryWin)	1.252	CRC 87th edition					2993	EPI (PCKOCWIN)	313.6	EPI (WSKOWWIN)
Diphenylamine	123-39-4	189.23	EPI	1.40E-04	not listed	1.158	CRC 87th edition	4.20E-02	USEPA 2001	7.60E-06	USEPA 2001	1987	EPI (PCKOCWIN)	53	Yalkowsky and Dannenfelser (1992)
Diphenylhydrazine, 1,2-	122-66-7	184.24	EPI	1.8E-07	EPI (HenryWin)	1.158	CRC 87th edition					3481	EPI (PCKOCWIN)	221	Kuhne et al. (1995)
Diquat	85-00-7	344.05	EPI	5.8E-12	EPI (HenryWin)	1.24	CRC 87th edition					1933	EPI (PCKOCWIN)	708000	Shiu et al. (1990)
Direct Black 38	1937-37-7	737.77	EPI	3.4E-38	EPI (HenryWin)							77330000	EPI (PCKOCWIN)	0.00001802	EPI (WSKOWWIN)
Direct Blue 6	2602-46-2	821.67	EPI	6.7E-42	EPI (HenryWin)							221700000	EPI (PCKOCWIN)	31.44	EPI (WSKOWWIN)
Direct Brown 95	16071-86-6	760.11	EPI									1081900	EPI (PCKOCWIN)	1000000	EPI (WSKOWWIN)
Diafotton	298-04-4	274.39	EPI	8.80E-05	not listed	1.144	CRC 87th edition					816.5	EPI (PCKOCWIN)	16.3	Bowman and Sans (1983a)
Dithiane, 1,4-	505-29-3	120.23	EPI	2.40E-05	EPI (HenryWin)			0.078	USEPA 1987	9.1E-06	USEPA 1987	165.5	EPI (PCKOCWIN)	6584	EPI (WSKOWWIN)
Duron	330-54-1	233.1	EPI	2.1E-08	not listed							136	EPI (PCKOCWIN)	42	Tomlin (1994)
Doxine	2439-10-3	267.45	EPI	2.5E-17	EPI (HenryWin)							15460	EPI (PCKOCWIN)	630	Gunther et al. (1986)
Dioxins															
Hexachlorodibenzo-p-dioxin	34465-46-8	390.87	EPI	2.30E-04	not listed							416700	EPI (PCKOCWIN)	0.000004	Fischer et al. (1992)
Hexachlorodibenzo-p-dioxin, Mixture	NA	390.87	EPI	1.00E-03	EPI (HenryWin)							416700	EPI (PCKOCWIN)	0.00002645	EPI (WSKOWWIN)
HpCDD, 2,3,7,8-	37871-00-4	425.31	EPI	7.20E-03	not listed							703300	EPI (PCKOCWIN)	0.00000141	Friesen et al. (1990b)
OCDD	3268-87-9	459.76	EPI	2.80E-04	not listed							1187000	EPI (PCKOCWIN)	0.0000004	Yalkowsky and Dannenfelser (1992)
PeCDD, 2,3,7,8-	36089-22-9	356.42	EPI	0.00009	not listed							257300	EPI (PCKOCWIN)	0.00012	Fischer et al. (1992)
TCDD, 2,3,7,8-	1746-01-6	321.98	EPI	2.00E-03</											

Express	101200-48-0	395.39	EPI	4.2E-12	Tomlin (1997)					67.77	EPI (PCKOCWIN)	50	Tomlin (1997)
Fenamiphos	22224-92-6	303.36	EPI	4.9E-08	not listed	1.15	CRC 87th edition			225.1	EPI (PCKOCWIN)	329	Yalkowsky and Dannenfeiser (1992)
Fluorobenzene	39515-41-8	349.43	EPI	not listed	not listed					2971.0	EPI (PCKOCWIN)	0.0141	Tomlin (1994)
Flumetrolon	2184-17-2	232.21	EPI	7.40E-08	not listed					362.5	EPI (PCKOCWIN)	110	USDA Pest. Prop. Database
Fluorine (Soluble Fluoride)	7782-41-4	38	EPI									0	CRC 85th edition, reacts in water and/or decomposes.
Fluridone	59756-60-4	329.32	EPI	3.30E-07	not listed					110400	EPI (PCKOCWIN)	12	Shu et al. (1990)
Flurprimidol	56428-91-3	312.29	EPI	5.40E-08	not listed					864.1	EPI (PCKOCWIN)	114	Tomlin (1994)
Flutolanil	66333-98-5	323.32	EPI	1.30E-07	not listed					5368	EPI (PCKOCWIN)	6.53	Tomlin (1997)
Fluvinate	69409-94-5	502.32	EPI	6.90E-07	EPI (HenryWin)					729500	EPI (PCKOCWIN)	0.005	Wauchope et al. (1991a)
Folpet	133-07-3	296.56	EPI	3.10E-06	not listed					143.9	EPI (PCKOCWIN)	1	Furer and Geiger (1977)
Fomesafen	72178-02-0	438.76	EPI	3.10E-11	EPI (HenryWin)	1.28	CRC 87th edition			11010	EPI (PCKOCWIN)	50	
Fonofos	944-22-9	246.32	EPI	2.90E-04	not listed	1.16	CRC 87th edition			836.3	EPI (PCKOCWIN)	15.7	Yalkowsky and Dannenfeiser (1992)
Formaldehyde	50-00-0	30.03	EPI	1.40E-05	Betterton and Hoffman (1988)	0.815	CRC 87th edition	0.17	USEPA 2001	1.7E-05	USEPA 2001	1	Pickrell et al. (1983)
Formic Acid	64-19-6	46.03	EPI	6.80E-06	Gaffney et al. (1987)	1.22	CRC 87th edition			1	EPI (PCKOCWIN)	100000	Riddick et al. (1986)
Fosetyl-AL	39148-24-8	354.11	EPI							5316	EPI (PCKOCWIN)	120000	EPI (WSKOWWIN)
Furazolidone	67-45-8	225.16	EPI	1.3E-09	EPI (HenryWin)					828.2	EPI (PCKOCWIN)	40	Merck Index (1996)
Furfural	98-01-1	96.09	EPI	0.00014	not listed	1.1694	CRC 87th edition	0.085	USEPA 2001	1.1E-05	USEPA 2001	17.71	Yalkowsky and Dannenfeiser (1992)
Furium	531-82-8	253.23	EPI	5.4E-14	EPI (HenryWin)					488	EPI (PCKOCWIN)	267.8	EPI (WSKOWWIN)
Furmeicyclox	60568-05-0	251.33	EPI	2.80E-07	EPI (HenryWin)					1550	EPI (PCKOCWIN)	0.3	Worthing and Walker (1987)
Furans													
Furan	110-00-9	68.08	EPI	2.20E-01	not listed	0.9514	CRC 87th edition	0.1	USEPA 2001	1.2E-05	USEPA 2001	89.71	Valvani et al. (1981)
HpCDF, 2,3,7,8-	38998-75-3	409.31	EPI	2.60E-04	EPI (HenryWin)					389300	EPI (PCKOCWIN)	0.0000135	Fletcher and MacKay (1993)
HxCDF, 2,3,7,8-	55684-94-1	374.87	EPI	3.50E-04	EPI (HenryWin)					235500	EPI (PCKOCWIN)	0.0001138	EPI (WSKOWWIN)
TCDF	39301-02-0	443.76	EPI	7.70E-05	not listed					657800	EPI (PCKOCWIN)	0.00000116	Doucette and Andren (1988)
PCDF, 1,2,3,7,8-	57117-41-6	340.42	EPI	4.70E-07	EPI (HenryWin)					136700	EPI (PCKOCWIN)	0.000235	Friesen et al. (1990b)
PCDF, 2,3,4,7,8-	57117-31-4	340.42	EPI	4.70E-04	EPI (HenryWin)					136700	EPI (PCKOCWIN)	0.000235	Friesen et al. (1990b)
TCDF, 2,3,7,8-	51207-31-9	305.98	EPI	6.30E-04	EPI (HenryWin)					80970	EPI (PCKOCWIN)	0.000692	Friesen and Webster (1990)
Glufoisinate, Ammonium	77182-82-2	198.16	EPI	1.00E-22	EPI (HenryWin)					60.02	EPI (PCKOCWIN)	1370000	Tomlin (1997)
Glycidyl	765-34-4	72.06	EPI	3.20E-05	EPI (HenryWin)	1.1403	CRC 87th edition	0.11	USEPA 2001	1.3E-05	USEPA 2001	1000000	IARC (1976)
Glyoxal	1071-83-6	107.13	EPI	1.70E-17	EPI (HenryWin)					18.79	EPI (PCKOCWIN)	12000	Worthing and Walker (1987)
Goal	42874-03-3	361.71	EPI	3.40E-05	not listed	1.35	CRC 87th edition			46840	EPI (PCKOCWIN)	0.116	Tomlin (1994)
Haloxop, Methyl	69806-40-2	375.73	EPI	1.30E-05	not listed					17800	EPI (PCKOCWIN)	9.3	Shu et al. (1990)
Harmony	79277-27-3	387.39	EPI	1.70E-12	EPI (HenryWin)					37.53	EPI (PCKOCWIN)	230	Tomlin (1997)
Heptachlor	76-44-8	373.32	EPI	1.20E-02	Altschuh et al. (1999)	1.57	CRC 87th edition			92410	EPI (PCKOCWIN)	0.18	Biggar and Riggs (1974)
Heptachlor Epoxide	1024-57-3	389.32	EPI	0.00086	Altschuh et al. (1999)					5260	EPI (PCKOCWIN)	0.2	Biggar and Riggs (1974)
Hexabromobenzene	87-82-1	551.49	EPI	0.0011	EPI (HenryWin)					3380	EPI (PCKOCWIN)	0.00016	Opperhuizen (1986)
Hexachlorobenzene	118-74-1	284.78	EPI	7.00E-02	Warner et al. (1987)	2.044	CRC 87th edition			3380	EPI (PCKOCWIN)	0.0062	Farmer et al. (1976)
Hexachlorobutadiene	87-68-3	260.76	EPI	4.20E-01	Warner et al. (1987)	1.556	CRC 87th edition			993.5	EPI (PCKOCWIN)	3.2	Banerjee et al. (1980)
Hexachlorocyclohexane, Alpha-	319-84-6	290.83	EPI	5.00E-04	Altschuh et al. (1999)					3380	EPI (PCKOCWIN)	8	Chem. Inspect. Test Inst. (1992)
Hexachlorocyclohexane, Beta-	319-85-7	290.83	EPI	1.80E-05	Altschuh et al. (1999)	1.89	CRC 87th edition			3380	EPI (PCKOCWIN)	8	Chem. Inspect. Test Inst. (1992)
Hexachlorocyclohexane, Gamma-(Lindane)	58-89-9	290.83	EPI	2.10E-04	Altschuh et al. (1999)					3380	EPI (PCKOCWIN)	8	Chem. Inspect. Test Inst. (1992)
Hexachlorocyclohexane, Technical	608-73-1	290.83	EPI	1.80E-05	not listed					3380	EPI (PCKOCWIN)	8	Chem. Inspect. Test Inst. (1992)
Hexachlorocyclopentadiene	77-47-4	272.77	EPI	1.10E+00	Wolfe et al. (1982)	1.7019	CRC 87th edition			1867	EPI (PCKOCWIN)	1.8	Callahan et al. (1979)
Hexachloroethane	67-72-1	236.74	EPI	1.60E-01	Munz and Roberts (1987)	2.091	CRC 87th edition			224.7	EPI (PCKOCWIN)	50	Horvath et al. (1999)
Hexachlorophene	70-30-4	406.91	EPI	2.20E-11	EPI (HenryWin)					630500	EPI (PCKOCWIN)	140	Yalkowsky and Dannenfeiser (1992)
Hexachloro-1,3,5-Trihoro-1,3,5-triazine (RX)	121-82-4	222.12	EPI	8.60E-06	not listed	1.82	CRC 87th edition			195.4	EPI (PCKOCWIN)	58.7	Yalkowsky and Dannenfeiser (1992)
Hexamethylene Dithiocyanate, 1,6-	822-06-0	168.2	EPI	2.00E-03	EPI (HenryWin)	1.0528	CRC 87th edition	4.00E-02	USEPA 2001	7.20E-06	USEPA 2001	5864	EPI (WSKOWWIN)
Hexane, N-	110-54-3	86.18	EPI	7.40E+01	not listed	0.6606	CRC 87th edition	7.30E-02	USEPA 2001	8.20E-06	USEPA 2001	149	McAuliffe (1966)
Hexanedioic Acid	124-04-9	146.14	EPI	1.90E-10	not listed	1.36	CRC 87th edition			21.48	EPI (PCKOCWIN)	30800	Yalkowsky and Dannenfeiser (1992)
Hexazinone	51235-04-2	252.32	EPI	9.20E-11	not listed	1.25	CRC 87th edition			614.3	EPI (PCKOCWIN)	30000	Tomlin (1997)
Hydrazine	302-01-2	32.05	EPI							1000000	EPI (PCKOCWIN)	3.05	Lange's (15th Ed.), Perry's (7th Ed.), estimated based on miscilli
Hydrazine Sulfate	10034-93-2	128.1	EPI							30550	EPI (PCKOCWIN)	1	Perry's (7th Ed.), measured at 22 degrees Celsius.
Hydrogen Chloride	7647-01-0	35.45	EPI							720000	EPI (PCKOCWIN)	0	Lange's (15th Ed.), measured at 20 degrees Celsius.
Hydrogen Sulfide	7783-06-4	34.08	EPI							5132	EPI (PCKOCWIN)	0	Lange's (15th Ed.), measured at 25 degrees Celsius.
Hydroquinone	123-31-9	110.11	EPI	1.90E-09	not listed	1.33	CRC 87th edition			434	EPI (PCKOCWIN)	72000	Granger and Nelson (1921)
Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68831-49-2												
Imazail	35554-44-0	297.19	EPI	1.10E-07	not listed	1.243	CRC 87th edition			1938	EPI (PCKOCWIN)	180	Tomlin (1994)
Imaziquin	81335-37-7	311.34	EPI	2.8E-16	EPI (HenryWin)					4929	EPI (PCKOCWIN)	90	Tomlin (1997)
Iprodione	36734-19-7	330.17	EPI	5.1E-09	not listed					140.7	EPI (PCKOCWIN)	13.9	Wauchope et al. (1991a)
Iron	7439-89-6	55.85	EPI							0		0	Lange's (15th Ed.), considered insoluble
Isobutyl Alcohol	78-83-1	74.12	EPI	4.00E-04	Snider and Dawson (1985)	0.8018	CRC 87th edition	0.09	USEPA 2001	0.00001	USEPA 2001	2.048	Valvani et al. (1981)
Isochlorone	78-59-1	138.21	EPI	2.70E-04	not listed	0.9255	CRC 87th edition	0.053	USEPA 2001	7.5E-06	USEPA 2001	58.32	Parrish (1983)
Isopropalin	33820-53-0	309.37	EPI	4.50E-03	not listed					6700	EPI (PCKOCWIN)	0.11	Probst et al. (1975)
Isopropyl Methyl Phosphonic Acid	1832-54-8	138.1	EPI	2.80E-07	EPI (HenryWin)					5.523	EPI (PCKOCWIN)	50420	EPI (WSKOWWIN)
Isosabzen	82558-50-7	332.4	EPI	5.20E-08	not listed					2927	EPI (PCKOCWIN)	1.42	Tomlin (1994)
Kerb	23869-58-5	256.13	EPI	0.000004	not listed					1687	EPI (PCKOCWIN)	15	Yalkowsky and Dannenfeiser (1992)
Lactofen	77501-63-4	461.78	EPI	2.3E-08	EPI (HenryWin)					25440	EPI (PCKOCWIN)	0.1	Reddy et al. (1994)
Linuron	330-55-2	249.1	EPI	2.60E-07	not listed					349.8	EPI (PCKOCWIN)	75	USDA Pest. Prop. Database
Lithium	7439-93-2	6.94	EPI							0		0	CRC 85th edition, reacts in water and/or decomposes.
Lithium Perchlorate	7791-03-9									587000	EPI (PCKOCWIN)	0	CRC 85th edition, measured at 25 degrees Celsius.
Londax	83055-99-6	410.4	EPI	1.5E-13	not listed					33.25	EPI (PCKOCWIN)	120	Wauchope et al. (1991a)
Lead Compounds													
Lead and Compounds	7439-92-1	207.2	EPI							0		0	CRC 85th edition, assigned a water solubility value of 0
Tetraethyl Lead	78-00-2	323.45	EPI	2.30E+01	Feldhake and Stevens (1963)	1.653	CRC 87th edition			757.6	EPI (PCKOCWIN)	0.29	Feldhake and Stevens (1963)
Malathion	121-75-5	330.35	EPI	2.00E-07	Fendinger and Gletofley (1990)	1.2076	CRC 87th edition			30.5	EPI (PCKOCWIN)	143	Bowman and Sans (1983)
Maleic Anhydride	108-31-6	98.06	EPI	0.00016	EPI (HenryWin)	1.374	CRC 87th edition	0.088	USEPA 2001	1.1E-05	USEPA 2001	1	EPI (WSKOWWIN)
Maleic Hydroxide	123-33-1	112.09	EPI	1.1E-09	not listed					10.35	EPI (PCKOCWIN)	4510	Tomlin (1994)
Malononitrile	109-77-3	86.06	EPI	5.20E-07	EPI (HenryWin)	1.191	CRC 87th edition	0.082	USEPA 2001	1.4E-05	USEPA 2001	15.31	Hughes (1981)
Mancozeb	8018-01-7	212.36	EPI	2.30E-05	EPI (HenryWin)					10	EPI (PCKOCWIN)	6.2	USDA Pest. Prop. Database
Maneb	12427-38-2	212.36	EPI	2.30E-05	EPI (HenryWin)					10	EPI (PCKOCWIN)	6.2	USDA Pest. Prop. Database
Manganese (Diet)	7439-96-5	54.94	EPI							0		0	Lange's (15th Ed.), reacts in water and/or decomposes.
Manganese (Water)	7439-96-5	54.94	EPI							0		0	Lange's (15th Ed.), reacts in water and/or decomposes.
MCPA	94-74-6	200.62	EPI	5.4E-08	not listed					29.41	EPI (PCKOCWIN)	630	Yalkowsky and Dannenfeiser (1992)
MCPB	94-81-5	228.68	EPI	1.10E-07	not listed					100.1	EPI (PCKOCWIN)	48	Yalkowsky and Dannenfeiser (1992)
MCPP	93-65-2	214.65	EPI										



Methoxychlor	72-43-5	345.66	EPI	6.30E-06	Altschuh et al. (1999)	1.41	CRC 87th edition			42550	EPI (PCKOCWIN)	0.1	Richardson and Miller (1960)
Methoxyethanol Acetate, 2-	110-49-6	118.13	EPI	0.00001	EPI (HenryWin)	1.0074	CRC 87th edition	0.066	USEPA 2001	8.7E-06	USEPA 2001	1.135	Yalkowsky and Dannenfelser (1992)
Methoxyethanol, 2-	109-65-4	76.1	EPI	1.30E-05	Johanson and Dynesius (1988)	0.9647	CRC 87th edition	0.095	USEPA 2001	1.1E-05	USEPA 2001	1	Dow Chem. Co. (1981)
Methyl Acetate	79-20-9	74.08	EPI	4.70E-03	Buttery et al. (1969)	0.9342	CRC 87th edition	0.096	USEPA 2001	1.1E-05	USEPA 2001	3.324	EPI (PCKOCWIN)
Methyl Acrylate	96-33-3	86.09	EPI	8.10E-03	not listed	0.9535	CRC 87th edition	0.086	USEPA 2001	0.00001	USEPA 2001	6.423	EPI (PCKOCWIN)
Methyl Ethyl Ketone (2-Butanone)	78-93-3	72.11	EPI	2.30E-03	Snider and Dawson (1985)	0.7999	CRC 87th edition	9.10E-02	USEPA 2001	1.00E-05	USEPA 2001	3.827	EPI (PCKOCWIN)
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	100.16	EPI	5.60E-03	not listed	0.7965	CRC 87th edition	0.07	USEPA 2001	8.3E-06	USEPA 2001	10.91	EPI (PCKOCWIN)
Methyl Methacrylate	96-62-6	100.12	EPI	1.40E-02	not listed	0.9377	CRC 87th edition	7.50E-02	USEPA 2001	9.20E-06	USEPA 2001	16.14	EPI (PCKOCWIN)
Methyl Parathion	208-00-0	263.21	EPI	4.10E-06	Metcalfe et al. (1980)	1.358	CRC 87th edition	1.358	USEPA 2001	3.7E-06	USEPA 2001	622.9	EPI (PCKOCWIN)
Methyl Styrene (Mixed Isomers)	25013-15-4	118.18	EPI	3.20E-01	not listed	0.079	USEPA 1987	0.079	USEPA 1987	9.2E-06	USEPA 1987	817.2	EPI (PCKOCWIN)
Methyl tert-Butyl Ether (MTBE)	1634-04-4	88.15	EPI	2.40E-02	Hine and Mookerjee (1975)	0.7353	CRC 87th edition	7.50E-02	USEPA 2001	8.60E-06	USEPA 2001	5.258	EPI (PCKOCWIN)
Methyl-5-Nitroaniline, 2-	99-55-8	152.15	EPI	7.90E-07	EPI (HenryWin)			0.084	USEPA 1987	9.8E-06	USEPA 1987	74.04	EPI (PCKOCWIN)
Methylaniline Hydrochloride, 2-	636-21-5	107.16	EPI	0.000081	Altschuh et al. (1999)							48.64	EPI (PCKOCWIN)
Methylselenic acid	124-89-3	139.87	EPI										26600
Methylene Chloride	75-09-2	84.93	EPI	0.13	Leighton and Calo (1981)	1.3266	CRC 87th edition	0.1	USEPA 2001	1.3E-05	USEPA 2001	23.74	EPI (PCKOCWIN)
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	267.16	EPI	4.70E-10	EPI (HenryWin)							13530	EPI (PCKOCWIN)
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	254.38	EPI	4.90E-06	EPI (HenryWin)					14660	EPI (PCKOCWIN)	4.14	EPI (WSKOWWIN)
Methylenedibenzeneamine, 4,4'-	101-77-9	198.27	EPI	6.50E-10	EPI (HenryWin)					4990	EPI (PCKOCWIN)	1000	Moore (1978)
Methylenediphenyl Disocyanate	101-68-8	250.26	EPI	3.70E-05	EPI (HenryWin)	1.197	CRC 87th edition			376200	EPI (PCKOCWIN)	0.8288	EPI (WSKOWWIN)
Methylstyrene, Alpha-	98-83-9	118.18	EPI	1.00E-01	not listed	0.9106	CRC 87th edition	0.063	USEPA 2001	8.2E-06	USEPA 2001	817.2	EPI (PCKOCWIN)
Metolachlor	51218-45-2	283.8	EPI	3.70E-07	Chesters et al. (1989)	1.12	CRC 87th edition			291.6	EPI (PCKOCWIN)	530	Wauchope et al. (1992)
Metribuzin	21087-64-9	214.29	EPI	4.80E-09	not listed	1.31	CRC 87th edition			1196	EPI (PCKOCWIN)	1050	Tomlin (1994)
Mirex	2385-85-5	545.55	EPI	3.30E-02	Yin and Hassett (1986)					472900	EPI (PCKOCWIN)	0.085	Yalkowsky and Dannenfelser (1992)
Miscelane	2212-67-1	167.3	EPI	1.70E-04	Sagebiel et al. (1992)	1.063	CRC 87th edition	3.20E-02	USEPA 2001	6.80E-06	USEPA 2001	970	Wauchope et al. (1991a)
Molybdenum	7439-98-7	95.94	EPI							286.3	EPI (PCKOCWIN)	0	CRC 85th edition, considered insoluble
Monochloramine	10599-90-3	51.48	EPI										
Monomethylamine	100-61-8	107.16	EPI	3.60E-04	Abraham et al. (1994)	0.9891	CRC 87th edition	0.072	USEPA 2001	9.1E-06	USEPA 2001	65.01	EPI (PCKOCWIN)
<b>Mercury Compounds</b>													
Mercuric Chloride	7487-94-7	271.5	EPI										73100
Mercuric Sulfide	1344-48-5	232.65	EPI										0
Mercury (elemental)	7439-97-6	200.59	EPI	4.70E-01	SSL	13.5336	CRC 88th edition	0.071	USEPA 2001	0.00003	USEPA 2001	0.06	PHYSPROP, measured at 25 degrees Celsius.
Mercury, Inorganic Salts	NA	200.59	Chemfinder										0.06
Methyl Mercury	22967-92-6	215.63	EPI										0.06
Phenylmercuric Acetate	62-38-4	336.74	EPI	2.30E-08	not listed					171.8	EPI (PCKOCWIN)	4370	Tomlin (1994)
N,N-Diphenyl-1,4-benzenediamine	74-31-7	260.34	EPI	8.40E-09	EPI (HenryWin)					128800	EPI (PCKOCWIN)	0.353	EPI (WSKOWWIN)
Naled	300-76-5	380.79	EPI	2.70E-03	not listed	1.96	CRC 87th edition			96.03	EPI (PCKOCWIN)	1.5	USDA Pest. Prop. Database
Napropamide	15299-99-7	271.36	EPI	3.40E-08	not listed					11520	EPI (PCKOCWIN)	73	Yalkowsky and Dannenfelser (1992)
Nickel Refinery Dust	NA												
Nickel Soluble Salts	7440-02-0	58.69	EPI										0
Nickel Sulfide	12038-72-2												0
Nitrate	14797-55-8	62	EPI										
Nitrite	14797-65-0	47.01	EPI										
Nitroaniline, 3-	99-09-2	138.13	EPI	3.20E-07	Abraham et al. (1994)	0.9011	CRC 87th edition			51.64	EPI (PCKOCWIN)	1200	Seidell (1941)
Nitroaniline, 4-	100-01-6	138.13	EPI	5.20E-08	Altschuh et al. (1999)	1.424	CRC 87th edition			51.64	EPI (PCKOCWIN)	728	Gross and Saylor (1931)
Nitrobenzene	98-95-3	123.11	EPI	9.80E-04	Warner et al. (1987)	1.2037	CRC 87th edition			150.8	EPI (PCKOCWIN)	2090	Banerjee et al. (1980)
Nitrofurantoin	67-20-9	238.16	EPI	6.40E-11	EPI (HenryWin)			0.068	USEPA 2001	9.4E-06	USEPA 2001	70.5	Yalkowsky and Dannenfelser (1992)
Nitrofurazone	59-87-0	198.14	EPI	1.3E-11	EPI (HenryWin)					375.7	EPI (PCKOCWIN)	210	Beilstein
Nitroglycerin	55-63-0	227.09	EPI	0.000004	not listed	1.5931	CRC 87th edition			130.8	EPI (PCKOCWIN)	1380	Seidell (1941)
Nitroguanidine	556-88-7	104.07	EPI	1.80E-10	EPI (HenryWin)					25.44	EPI (PCKOCWIN)	4400	Yalkowsky and Dannenfelser (1992)
Nitromethane	75-52-5	81.04	EPI	1.20E-03	Garfinery et al. (1987)	1.1371	CRC 87th edition	1.20E-01	USEPA 2001	1.40E-05	USEPA 2001	8.181	Riddick et al. (1986)
Nitropropane, 2-	79-46-9	89.09	EPI	4.90E-03	not listed	0.9821	CRC 87th edition	8.50E-02	USEPA 2001	1.00E-05	USEPA 2001	24.95	EPI (PCKOCWIN)
Nitrosodi-N-butylamine, N-	924-16-3	158.25	EPI	5.40E-04	Mirvish et al. (1976)			7.60E-06	USEPA 1987	7.60E-06	USEPA 1987	1651	EPI (PCKOCWIN)
Nitroso-di-N-propylamine, N-	621-64-7	130.19	EPI	2.20E-04	Mirvish et al. (1976)	0.9163	CRC 87th edition	5.80E-02	USEPA 2001	7.80E-06	USEPA 2001	485.3	EPI (PCKOCWIN)
Nitroso-N-ethylurea, N-	759-73-9	117.11	EPI	5.40E-09	EPI (HenryWin)					35.85	EPI (PCKOCWIN)	13000	Mirvish et al. (1976)
Nitrosodimethanamine, N-	1116-54-7	134.14	EPI	9.30E-15	EPI (HenryWin)							1000000	IARC (1978)
Nitrosodiphenylamine, N-	55-18-5	102.14	EPI	1.50E-04	Mirvish et al. (1976)	0.9422	CRC 87th edition	7.40E-02	USEPA 2001	9.10E-06	USEPA 2001	142.7	EPI (PCKOCWIN)
Nitrosodimethylamine, N-	62-75-9	74.08	EPI	7.40E-05	Mirvish et al. (1976)	1.0048	CRC 87th edition	9.90E-02	USEPA 2001	1.20E-05	USEPA 2001	38.21	EPI (PCKOCWIN)
Nitrosodiphenylamine, N-	86-30-6	198.23	EPI	4.90E-05	EPI (HenryWin)			0.056	USEPA 1987	6.5E-06	USEPA 1987	6154	EPI (PCKOCWIN)
Nitrosodimethylamine, N-	10995-95-6	88.11	EPI	1.70E-05	not listed			9.60E-02	USEPA 1987	1.10E-05	USEPA 1987	73.83	EPI (PCKOCWIN)
Nitrosopyrrolidine, N-	930-55-2	100.12	EPI	2.00E-06	Mirvish et al. (1976)	1.085	CRC 87th edition			158.5	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Nitrotoouene, m-	99-08-1	137.14	EPI	3.80E-04	Altschuh et al. (1999)	1.1581	CRC 87th edition	5.90E-02	USEPA 2001	8.70E-06	USEPA 2001	309	EPI (PCKOCWIN)
Nitrotoouene, o-	88-72-2	137.14	EPI	5.10E-04	Altschuh et al. (1999)	1.1611	CRC 87th edition	0.059	USEPA 2001	8.7E-06	USEPA 2001	315.5	EPI (PCKOCWIN)
Nitrotoouene, p-	99-99-0	137.14	EPI	2.30E-04	Altschuh et al. (1999)	1.1038	CRC 87th edition	0.057	USEPA 2001	8.4E-06	USEPA 2001	309	EPI (PCKOCWIN)
Norfurazone	27314-13-2	303.67	EPI	1.40E-08	not listed					5674	EPI (PCKOCWIN)	33.7	Tomlin (1997)
Nustar	85509-19-9	315.4	EPI	2.10E-05	EPI (HenryWin)					1766000	EPI (PCKOCWIN)	54	Tomlin (1997)
Octabromodiphenyl Ether	32395-52-0	801.38	EPI	1.00E-05	EPI (HenryWin)					143400	EPI (PCKOCWIN)	1.107E-08	EPI (WSKOWWIN)
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2991-41-0	298.16	EPI	3.50E-08	EPI (HenryWin)					1853	EPI (PCKOCWIN)	9438	EPI (WSKOWWIN)
Oxamethylphosphoramide	152-16-9	286.25	EPI	2.60E-15	EPI (HenryWin)	1.09	CRC 87th edition			799.9	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)
Oryzalin	19044-88-3	346.36	EPI	7.80E-08	EPI (HenryWin)					1219	EPI (PCKOCWIN)	2.5	USDA Pest. Prop. Database
Oxadiazon	19666-30-9	345.23	EPI	0.000003	not listed					3500	EPI (PCKOCWIN)	0.7	
Oxamyl	23135-22-0	219.26	EPI	9.7E-09	not listed	0.97	CRC 87th edition			10	EPI (PCKOCWIN)	280000	Tomlin (1994)
Pachlobutrazol	78738-62-0	293.8	EPI	3.40E-09	not listed	1.22	CRC 87th edition			12290	EPI (PCKOCWIN)	26	Tomlin (1994)
Paraquat Dichloride	1910-42-5	257.16	EPI	1.30E-11	EPI (HenryWin)					1405	EPI (PCKOCWIN)	620000	Wauchope et al. (1992)
Parathion	56-38-2	291.26	EPI	1.20E-05	Tomlin (1997)	1.2681	CRC 87th edition			1779	EPI (PCKOCWIN)	11	Tomlin (1997)
Peblulate	1114-71-2	203.35	EPI	9.70E-03	not listed	0.9458	CRC 87th edition			475.3	EPI (PCKOCWIN)	100	USDA Pest. Prop. Database
Pendimethalin	40487-42-1	281.31	EPI	3.50E-05	Fendinger and Gloffetty (1990)	1.19	CRC 87th edition			2622	EPI (PCKOCWIN)	0.275	Humburg et al. (1989)
Pentabromodiphenyl Ether	32534-81-9	564.69	EPI	1.40E-04	EPI (HenryWin)					30450	EPI (PCKOCWIN)	0.000394	EPI (WSKOWWIN)
Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	608-93-5	250.34	EPI	0.029	Ten Hulscher et al. (1992)	2.28	Flemming et al 2000 (IRIS Profile)			2002	EPI (PCKOCWIN)	0.831	Yalkowsky and Dannenfelser (1992)
Pentachloroethane	76-01-7	202.3	EPI	7.90E-02	EPI (HenryWin)	1.6796	CRC 87th edition			154.4	EPI (PCKOCWIN)	480	EPI (WSKOWWIN)
Pentachloronitrobenzene	82-68-8	295.34	EPI	0.0018	not listed	1.718	CRC 87th edition			2408	EPI (PCKOCWIN)	0.44	Yalkowsky and Dannenfelser (1992)
Pentachlorophenol	87-96-5	266.34	EPI	0.000001	Hellman (1987)	1.978	CRC 87th edition			3380			

Phthalic Acid, P-	1001-20	166.13	EPI	1.60E-11	EPI (HenryWin)					71.57	EPI (PCKOCWIN)	15	Yalkowsky and Dannenfelser (1992)
Phthalic Anhydride	85-44-9	148.12	EPI	6.70E-07	not listed	1.527	CRC 87th edition			10.84	EPI (PCKOCWIN)	6200	Towle et al. (1968)
Phthalic Anhydride	1918-02-1	241.46	EPI	2.20E-12	not listed					18.1	EPI (PCKOCWIN)	430	Tomlin (1994)
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	199.12	EPI	7.60E-13	EPI (HenryWin)			0.056	USEPA 1987	6.5E-06	USEPA 1987	1400	Yalkowsky and Dannenfelser (1992)
Pinimic Acid, Methyl	29232-93-7	305.33	EPI	2.90E-05	not listed	1.17	CRC 87th edition			138.4	EPI (PCKOCWIN)	8.6	Tomlin (1994)
Polybrominated Biphenyls	59536-65-1		EPI		EPI (HenryWin)						EPI (PCKOCWIN)		EPI (WSKOWWIN)
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	512.53	EPI	5.40E-10	EPI (HenryWin)					10000000000	EPI (PCKOCWIN)	6.938E-07	EPI (WSKOWWIN)
Potassium Perchlorate	7778-74-7	138.85	EPI									25800	CRC 85th edition, measured at 25 degrees Celsius.
Prochloraz	67747-09-5	376.67	EPI	6.70E-07	not listed					2683	EPI (PCKOCWIN)	34	Wauchope et al. (1991a)
Profluralin	26399-36-0	347.3	EPI	1.30E-02	not listed					18250	EPI (PCKOCWIN)	0.1	Yalkowsky and Dannenfelser (1992)
Prometon	1610-18-0	225.3	EPI	1.30E-07	not listed					156.5	EPI (PCKOCWIN)	750	Tomlin (1994)
Prometryn	7287-19-6	241.36	EPI	5.40E-07	not listed	1.157	CRC 87th edition			688.2	EPI (PCKOCWIN)	33	Wauchope et al. (1991a)
Propachlor	1918-16-7	211.69	EPI	3.70E-06	not listed	1.242	CRC 87th edition			284.7	EPI (PCKOCWIN)	700	Yalkowsky and Dannenfelser (1992)
Propiconazole	709-98-8	218.08	EPI	0.000007	not listed	1.25	CRC 87th edition			197.2	EPI (PCKOCWIN)	152	USDA Pest. Prop. Database
Propipate	2312-35-8	350.48	EPI	1.70E-06	not listed	1.1	CRC 87th edition			138200	EPI (PCKOCWIN)	0.5	Wauchope et al. (1991a)
Propargyl Alcohol	107-19-7	56.06	EPI	4.70E-05	not listed	0.9478	CRC 87th edition	0.12	USEPA 2001	1.325	USEPA 2001	1000000	Yalkowsky and Dannenfelser (1992)
Propazine	139-40-2	229.71	EPI	1.90E-07	not listed	1.162	CRC 87th edition			356.2	EPI (PCKOCWIN)	8.6	Yalkowsky and Dannenfelser (1992)
Propim	122-42-9	179.22	EPI	1.60E-06	EPI (HenryWin)	1.09	CRC 87th edition			128.4	EPI (PCKOCWIN)	179	Yalkowsky and Dannenfelser (1992)
Propionazole	60207-90-1	342.23	EPI	1.70E-07	not listed	1.27	CRC 87th edition			5564	EPI (PCKOCWIN)	110	Shiu et al. (1990)
Propylene Glycol	57-55-6	76.1	EPI	5.40E-09	EPI (HenryWin)	1.0361	CRC 87th edition			1	EPI (PCKOCWIN)	1000000	
Propylene Glycol Dinitrate	6423-43-4	166.09	EPI	3.90E-05	EPI (HenryWin)			6.30E-02	USEPA 1987	7.30E-06	USEPA 1987	67.7	EPI (WSKOWWIN)
Propylene Glycol Monomethyl Ether	1569-02-4	104.15	EPI	1.00E-06	EPI (HenryWin)					1	EPI (PCKOCWIN)	366200	EPI (WSKOWWIN)
Propylene Glycol Monomethyl Ether	107-98-2	90.12	EPI	3.80E-05	Johanson and Dynesius (1988)	0.962	CRC 87th edition	0.83E-02	USEPA 2001	1.00E-05	USEPA 2001	1	EPI (PCKOCWIN)
Propylene Oxide	75-56-9	58.08	EPI	2.80E-03	not listed			0.130	USEPA 1987	1.5E-05	USEPA 1987	59000	Dow Chem. Co. (1981)
Pursulf	81336-77-5	283.34	EPI	4.35E-15	EPI (HenryWin)					1389	EPI (PCKOCWIN)	1400	Tomlin (1994)
Pyridin	51630-58-1	419.91	EPI	0.000014	not listed	1.15	CRC 87th edition			441500	EPI (PCKOCWIN)	0.002	Tomlin (1997)
Pyridine	110-86-1	79.1	EPI	0.00045	Hawthorne et al. (1985)	0.9819	CRC 87th edition	0.093	USEPA 2001	1.1E-05	USEPA 2001	1000000	Goe (1978)
<b>Polychlorinated Biphenyls (PCBs)</b>													
Aroclor 1016	12674-11-2	257.55	EPI	8.20E-03	Brunner et al. (1990)					27110	EPI (PCKOCWIN)	0.27	Chiou et al. (1983)
Aroclor 1221	11104-29-2	188.66	EPI	9.30E-03	Burkhard et al. (1985a)			0.058	USEPA 1987	6.7E-06	USEPA 1987	10330	Chiou et al. (1983)
Aroclor 1232	11141-16-5	188.66	EPI	9.30E-03	Burkhard et al. (1985a)			5.80E-02	USEPA 1987	6.70E-06	USEPA 1987	10330	Chiou et al. (1983)
Aroclor 1242	53469-21-9	291.99	EPI	1.40E-02	Burkhard et al. (1985a)					44820	EPI (PCKOCWIN)	0.277	Yalkowsky and Dannenfelser (1992)
Aroclor 1248	12672-29-6	291.99	EPI	1.80E-02	Burkhard et al. (1985a)					43900	EPI (PCKOCWIN)	0.05316	EPI (WSKOWWIN)
Aroclor 1254	11097-69-1	326.44	EPI	1.20E-02	Burkhard et al. (1985a)					75640	EPI (PCKOCWIN)	0.0034	Ozretich et al. (1995)
Aroclor 1260	11096-80-6	335.33	EPI	1.40E-02	Burkhard et al. (1985a)					266800	EPI (PCKOCWIN)	0.0002842	EPI (WSKOWWIN)
Heptachlorobiphenyl, 2,2',3,3',4,4',5'- (PCB 170)	35065-30-6	395.33	EPI	3.70E-04	Brunner, S et al. (1990) (25 deg C)					211100	EPI (PCKOCWIN)	0.00347	Yalkowsky, SH and Dannenfelser, RM (1992) (20 deg C)
Heptachlorobiphenyl, 2,2',3,3',4,4',5,5'- (PCB 180)	35065-29-3	395.33	EPI	4.10E-04	Brunner, S et al. (1990) (25 deg C)					206800	EPI (PCKOCWIN)	0.00385	Yalkowsky, SH and Dannenfelser, RM (1992) (20 deg C)
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	395.33	EPI	5.60E-03	EPI (HenryWin)					206800	EPI (PCKOCWIN)	0.000753	Patil, GS (1991) (25 deg C)
Hexachlorobiphenyl, 2,3,4,4',5,5'- (PCB 167)	52963-72-6	360.88	EPI	6.60E-03	EPI (HenryWin)					122500	EPI (PCKOCWIN)	0.00223	Patil, GS (1991) (25 deg C)
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	360.88	EPI	0.0066	EPI (HenryWin)					125100	EPI (PCKOCWIN)	0.001641	EPI (WSKOWWIN)
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	360.88	EPI	0.0066	EPI (HenryWin)					125100	EPI (PCKOCWIN)	0.00533	Yalkowsky, SH and Dannenfelser, RM (1992) (20 deg C)
Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 168)	32774-16-6	360.88	EPI	0.0066	EPI (HenryWin)					122500	EPI (PCKOCWIN)	0.00051	Patil (1991)
Pentachlorobiphenyl, 2',3,4,4',5'- (PCB 123)	65510-44-3	326.44	EPI	7.80E-03	EPI (HenryWin)					75640	EPI (PCKOCWIN)	0.016	Yalkowsky, SH and Dannenfelser, RM (1992) (20 deg C)
Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 118)	31508-00-6	326.44	EPI	1.20E-02	not listed					74100	EPI (PCKOCWIN)	0.0134	Yalkowsky and Dannenfelser (1992)
Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 105)	32599-14-4	326.44	EPI	5.40E-02	not listed					75640	EPI (PCKOCWIN)	0.0034	Ozretich et al. (1995)
Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 114)	74472-37-0	326.44	EPI	7.80E-03	EPI (HenryWin)					75640	EPI (PCKOCWIN)	0.016	Yalkowsky, SH and Dannenfelser, RM (1992) (20 deg C)
Pentachlorobiphenyl, 3,3',4,4',5'- (PCB 126)	57465-28-8	326.44	EPI	7.80E-03	EPI (HenryWin)					74100	EPI (PCKOCWIN)	0.009394	EPI (WSKOWWIN)
Polychlorinated Biphenyls (high risk)	1336-36-3	291.99	EPI	1.40E-02	Burkhard et al. (1985a)					44820	EPI (PCKOCWIN)	0.277	Yalkowsky and Dannenfelser (1992)
Polychlorinated Biphenyls (low risk)	1336-36-3	291.99	EPI	1.40E-02	Burkhard et al. (1985a)					44820	EPI (PCKOCWIN)	0.277	Yalkowsky and Dannenfelser (1992)
Polychlorinated Biphenyls (lowest risk)	1336-36-3	291.99	EPI	1.40E-02	Burkhard et al. (1985a)					44820	EPI (PCKOCWIN)	0.277	Yalkowsky and Dannenfelser (1992)
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32599-13-3	291.99	EPI	5.90E-04	Dunnivant et al. (1988)					44820	EPI (PCKOCWIN)	0.000569	Yalkowsky and Dannenfelser (1992)
Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	291.99	EPI	9.10E-03	EPI (HenryWin)					44820	EPI (PCKOCWIN)	0.05316	EPI (WSKOWWIN)
<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>													
Acenaphthene	83-32-9	154.21	EPI	7.40E-03	Bamford et al. (1999)	1.222	CRC 87th edition	0.051	USEPA 2001	8.3E-06	USEPA 2001	6123	Miller et al. (1985)
Anthracene	120-12-7	178.24	EPI	2.30E-03	Alexee et al. (1996)	1.28	CRC 87th edition	0.039	USEPA 2001	7.9E-06	USEPA 2001	29400	May et al. (1983)
Benzo[a]anthracene	56-55-3	228.3	EPI	4.90E-04	Bamford et al. (1999)					231300	EPI (PCKOCWIN)	0.0094	May et al. (1978)
Benzo[b]fluoranthene	50-32-8	252.32	EPI	1.90E-05	Ten Hulscher et al. (1992)					786800	EPI (PCKOCWIN)	0.00162	May et al. (1983)
Benzo[k]fluoranthene	205-99-2	252.32	EPI	2.70E-05	Ten Hulscher et al. (1992)					803100	EPI (PCKOCWIN)	0.0015	Yalkowsky and Dannenfelser (1992)
Benzo[e]fluoranthene	207-08-9	252.32	EPI	0.000024	Ten Hulscher et al. (1992)					786800	EPI (PCKOCWIN)	0.0008	Pearlman et al. (1984)
Chrysene	218-01-9	228.3	EPI	0.00021	Bamford et al. (1999)	1.274	CRC 87th edition			236100	EPI (PCKOCWIN)	0.002	Miller et al. (1985)
Dibenz[a,h]anthracene	53-70-3	278.36	EPI	5.00E-06	EPI (HenryWin)					2622000	EPI (PCKOCWIN)	0.00103	Shaw (1989)
Fluoranthene	206-44-0	202.26	EPI	3.60E-04	Ten Hulscher et al. (1992)	1.252	CRC 87th edition			70850	EPI (PCKOCWIN)	0.26	MacKay and Shiu (1977)
Fluorene	86-73-7	166.22	EPI	3.90E-03	Shiu and MacKay (1997)	1.203	CRC 87th edition	4.40E-02	USEPA 2001	7.90E-06	USEPA 2001	11290	Wauchope and Getzen (1972)
Indeno[1,2,3-cd]pyrene	193-39-5	276.34	EPI	1.40E-05	Ten Hulscher et al. (1992)					2676000	EPI (PCKOCWIN)	0.00019	Pearlman et al. (1984)
Methylanthralene, 1-	90-12-0	142.2	EPI	2.10E-02	Altschuh et al. (1999)	1.0202	CRC 87th edition	5.30E-02	USEPA 2001	7.80E-06	USEPA 2001	3038	Volkmann et al. (1984)
Methylanthralene, 2-	91-57-6	142.2	EPI	2.10E-02	Altschuh et al. (1999)	1.0058	CRC 87th edition	5.20E-02	USEPA 2001	7.80E-06	USEPA 2001	2976	Yalkowsky and Dannenfelser (1992)
Naphthalene	91-20-3	128.18	EPI	1.80E-02	Shiu and MacKay (1997)	1.0253	CRC 87th edition	6.00E-02	USEPA 2001	8.40E-06	USEPA 2001	1837	Pearlman et al. (1984)
Pyrene	129-00-0	202.26	EPI	4.90E-04	Shiu and MacKay (1997)	1.271	CRC 87th edition	2.80E-02	USEPA 2001	7.20E-06	USEPA 2001	69410	EPI (PCKOCWIN)
Quinalphos	13593-03-8	298.3	EPI	2.30E-06	not listed					1857	EPI (PCKOCWIN)	22	Yalkowsky and Dannenfelser (1992)
Quinoline	91-22-5	129.16	EPI	6.80E-05	not listed	1.0977	CRC 87th edition	0.062	USEPA 2001	8.7E-06	USEPA 2001	1837	Smith et al. (1978)
Refractory Ceramic Fibers	NA												
Resmethrin	10453-86-8	338.45	EPI	5.40E-06	not listed					423300	EPI (PCKOCWIN)	0.3	Tomlin (1997)
Ronnel	299-84-3	321.54	EPI	1.30E-03	not listed	1.44	CRC 87th edition			2008	EPI (PCKOCWIN)	1	Suntio et al. (1988)
Rotenone	83-79-4	394.43	EPI	4.60E-12	EPI (HenryWin)					346500	EPI (PCKOCWIN)	0.2	Augustijn-Beckers et al. (1994)
Savay	78587-05-0	352.88	EPI	9.70E-07	not listed					4075	EPI (PCKOCWIN)	0.5	Tomlin (1994)
Selenious Acid	7783-00-8	129.97	EPI									900000	Perry's (7th Ed.), measured at 0 degrees Celsius.
Selenium	7782-49-2	80.98	EPI									0	CRC 85th edition, considered insoluble
Selenourea	630-10-4	123.02	EPI							19.78	EPI (PCKOCWIN)	1000000	EPI (WSKOWWIN)

Terbacil	5002-51-2	216.67	EPI	4.9E-09	not listed	1.34	CRC 87th edition			77.84	EPI (PCKOCWIN)	710	Tomlin (1997)		
Terbufos	13071-79-9	288.42	EPI	9.80E-04	not listed	1.105	CRC 87th edition			979.2	EPI (PCKOCWIN)	5.07	Felsol and Dahm (1979)		
Tetrahydrofuran	886-89-0	241.36	EPI	4.70E-07	not listed	1.115	CRC 87th edition			635.3	EPI (PCKOCWIN)	26	Yalkowsky and Dannenfelser (1992)		
Tetrachlorobenzene, 1,2,4,5-	95-94-3	215.89	EPI	0.041	Oliver (1985)	1.858	CRC 87th edition			1186	EPI (PCKOCWIN)	0.595	Yalkowsky and Valvani (1980)		
Tetrachloroethane, 1,1,1,2-	630-20-6	167.85	EPI	0.099	not listed	1.5406	CRC 87th edition	0.048	USEPA 2001	9.1E-06	USEPA 2001	96.63	EPI (PCKOCWIN)	1070	Horvath et al. (1999)
Tetrachloroethane, 1,1,2,2-	79-34-5	167.85	EPI	1.50E-02	Leighton and Calo (1981)	1.5953	CRC 87th edition	0.049	USEPA 2001	9.3E-06	USEPA 2001	106.8	EPI (PCKOCWIN)	2870	Stephen and Stephen (1963)
Tetrachloroethylene	127-18-4	165.83	EPI	7.20E-01	Gossart (1987)	1.623	CRC 87th edition	0.05	USEPA 2001	9.5E-06	USEPA 2001	106.8	EPI (PCKOCWIN)	206	Horvath et al. (1999)
Tetrachlorophenol, 2,3,4,6-	58-98-2	231.89	EPI	2.90E-04	not listed					2602	EPI (PCKOCWIN)	23	Chem. Res. Pap. Natl. Inst. (1992)		
Tetraethyloctane, $\alpha$ -alpha, alpha, alpha-	5216-25-1	223.92	EPI	9.90E-05	EPI (HenryWin)	1.4463	CRC 87th edition			1912	EPI (PCKOCWIN)	4.039	EPI (WSKOWWIN)		
Tetraethyl Dithiopyrophosphate	3689-24-5	322.31	EPI	9.80E-05	not listed	1.196	CRC 87th edition			3864	EPI (PCKOCWIN)	30	Yalkowsky and Dannenfelser (1992)		
Tetrafluoroethane, 1,1,1,2-	811-97-2	102.03	EPI	2	Chang and Criddle (1995)	1.2072	CRC 87th edition	0.082	USEPA 2001	1.1E-05	USEPA 2001	96.63	EPI (PCKOCWIN)	767.8	EPI (WSKOWWIN)
Tetryl (Trinitrophenylmethyltriamine)	479-45-8	287.15	EPI	1.10E-07	EPI (HenryWin)	1.57	CRC 87th edition			2141	EPI (PCKOCWIN)	74	EPI (WSKOWWIN)		
Thallium (I) Nitrate	10102-45-1	266.39	EPI									95500	CRC 85th edition, measured at 20 degrees Celsius.		
Thallium (Soluble Salts)	7440-28-0	204.38	EPI									0	CRC 85th edition, considered insoluble		
Thallium Acetate	563-68-8	263.43	EPI									46900	CRC 85th edition, measured at 20 degrees Celsius.		
Thallium Carbonate	6533-73-9	468.78	EPI									3300	CRC 85th edition, measured at 20 degrees Celsius.		
Thallium Chloride	7791-12-0	239.84	EPI									54700	CRC 85th edition, measured at 25 degrees Celsius.		
Thallium Sulfate	7446-18-6	504.82	EPI									2676	EPI (PCKOCWIN)		
Thiobercarn	28249-77-6	257.78	EPI									97.57	EPI (PCKOCWIN)		
Thiofanox	39196-18-4	218.32	EPI	1.10E-05	not listed	1.16	CRC 87th edition					5200	Yalkowsky and Dannenfelser (1992)		
Thiophanate, Methyl	23564-05-8	342.39	EPI	1.20E-11	EPI (HenryWin)					14.32	EPI (PCKOCWIN)	438.9	EPI (WSKOWWIN)		
Thiram	137-26-8	240.42	EPI	1.20E-05	not listed					10	EPI (PCKOCWIN)	30	Yalkowsky and Dannenfelser (1992)		
Tin	7440-31-5	120.73	EPI									0	Lange's (15th Ed.), Assigned a water solubility value of 0		
Toluene	108-88-3	92.14	EPI	2.70E-01	MacKay et al. (1979)	0.8623	CRC 87th edition	7.80E-02	USEPA 2001	9.20E-06	USEPA 2001	268	EPI (PCKOCWIN)	526	Sanemasa et al. (1982)
Toluene diisocyanate mixture (TDI)	26471-62-5	174.16	EPI	4.50E-04	EPI (HenryWin)			6.10E-02	USEPA 1987	7.10E-06	USEPA 1987	9114	EPI (PCKOCWIN)	37.57	EPI (WSKOWWIN)
Toluene-2,4-diamine	95-80-7	122.17	EPI	3.9E-08	EPI (HenryWin)					119.9	EPI (PCKOCWIN)	74820	EPI (WSKOWWIN)		
Toluene-2,5-diamine	95-70-5	122.17	EPI	3.90E-08	EPI (HenryWin)					119.9	EPI (PCKOCWIN)	72460	EPI (WSKOWWIN)		
Toluene-2,6-diamine	823-40-5	122.17	EPI	3.90E-08	EPI (HenryWin)					122.4	EPI (PCKOCWIN)	72460	EPI (WSKOWWIN)		
Toluene, o- (Methylaniline, 2-)	95-53-4	107.16	EPI	8.10E-05	Altschuh et al. (1999)	0.9884	CRC 87th edition	0.072	USEPA 2001	9.2E-06	USEPA 2001	74.04	EPI (PCKOCWIN)	16600	Huykens et al. (1975)
Touline, p-	106-49-0	107.16	EPI	8.30E-05	Jaysinghe et al. (1992)	0.9619	CRC 87th edition	7.10E-02	USEPA 2001	9.00E-06	USEPA 2001	72.53	EPI (PCKOCWIN)	6500	Yalkowsky and Dannenfelser (1992)
Toxaphene	8001-35-2	413.82	EPI	2.50E-04	EPI (HenryWin)					99300	EPI (PCKOCWIN)	0.55	EPI (WSKOWWIN)		
Tralometrin	66841-25-6	685.02	EPI	1.60E-08	EPI (HenryWin)					263400	EPI (PCKOCWIN)	0.08	EPI (WSKOWWIN)		
Triallate	2303-17-5	304.66	EPI	7.90E-04	EPI (HenryWin)	1.273	CRC 87th edition			1641	EPI (PCKOCWIN)	4	EPI (WSKOWWIN)		
Triassulfuron	82097-50-5	401.83	EPI	1.30E-11	EPI (HenryWin)					357.7	EPI (PCKOCWIN)	32	EPI (WSKOWWIN)		
Trichlorobenzene, 1,2,4-	615-64-3	314.8	EPI	1.60E-02	EPI (HenryWin)			4.10E-02	USEPA 1987	4.80E-06	USEPA 1987	1717.6	EPI (PCKOCWIN)	4.9	EPI (WSKOWWIN)
Tributyl Phosphate	126-73-8	266.32	EPI	6.10E-06	EPI (HenryWin)	0.9727	CRC 87th edition			1888	EPI (PCKOCWIN)	280	EPI (WSKOWWIN)		
Tributyltin Compounds	NA														
Tributyltin Oxide	56-35-9	596.12	EPI	3900	EPI (HenryWin)					37450000	EPI (PCKOCWIN)	100	EPI (WSKOWWIN)		
Trichloro-1,1,2,2-tetrafluoroethane, 1,1,2-	76-13-1	187.38	EPI	22	EPI (HenryWin)	1.5635	CRC 87th edition	0.038	USEPA 2001	8.6E-06	USEPA 2001	224.7	EPI (PCKOCWIN)	170	EPI (WSKOWWIN)
Trichloroaniline HCl, 2,4,6-	33863-50-2	232.93	EPI	2.90E-12	EPI (HenryWin)					383.1	EPI (PCKOCWIN)	110300	EPI (WSKOWWIN)		
Trichloroaniline, 2,4,6-	634-93-5	196.46	EPI	6.50E-05	EPI (HenryWin)					198.3	EPI (PCKOCWIN)	40	EPI (WSKOWWIN)		
Trichlorobenzene, 1,2,4-	120-82-1	181.45	EPI	5.80E-02	EPI (HenryWin)	1.459	CRC 87th edition	0.04	USEPA 2001	8.4E-06	USEPA 2001	717.6	EPI (PCKOCWIN)	49	EPI (WSKOWWIN)
Trichloroethane, 1,1,1-	71-55-6	133.41	EPI	7.00E-01	EPI (HenryWin)	1.339	CRC 87th edition	6.50E-02	USEPA 2001	9.60E-06	USEPA 2001	48.64	EPI (PCKOCWIN)	1290	EPI (WSKOWWIN)
Trichloroethane, 1,1,2-	79-00-5	133.41	EPI	3.40E-02	Leighton and Calo (1981)	1.4397	CRC 87th edition	0.067	USEPA 2001	0.00001	USEPA 2001	67.7	EPI (PCKOCWIN)	1100	Talian et al. (1986)
Trichloroethylene	79-01-6	131.39	EPI	4.90E-01	EPI (HenryWin)	1.4642	CRC 87th edition	0.069	USEPA 2001	0.00001	USEPA 2001	67.7	EPI (PCKOCWIN)	1280	EPI (WSKOWWIN)
Trichlorofluoromethane	75-69-4	137.37	EPI	4.00E+00	EPI (HenryWin)	1.4879	CRC 87th edition	0.085	USEPA 2001	0.00001	USEPA 2001	48.64	EPI (PCKOCWIN)	1100	EPI (WSKOWWIN)
Trichlorophenol, 2,4,5-	95-95-4	197.45	EPI	6.60E-05	not listed			5.60E-02	USEPA 1987	6.50E-06	USEPA 1987	1186	EPI (PCKOCWIN)	1200	Leuenberger et al. (1985a)
Trichlorophenol, 2,4,6-	88-06-2	197.45	EPI	1.10E-04	not listed	1.4901	CRC 87th edition	3.10E-02	USEPA 2001	8.10E-06	USEPA 2001	1186	EPI (PCKOCWIN)	800	Neely (1984)
Trichlorophenoxy Propionic Acid, 2(2,4,5-	93-72-1	269.51	EPI	3.70E-07	EPI (HenryWin)					80.4	EPI (PCKOCWIN)	200	EPI (WSKOWWIN)		
Trichlorophenoxyacetic Acid, 2,4,5-	93-75-5	255.49	EPI	1.90E-06	EPI (HenryWin)					48.63	EPI (PCKOCWIN)	278	EPI (WSKOWWIN)		
Trichloropropane, 1,1,2-	598-77-6	147.43	EPI	1.30E-02	EPI (HenryWin)	1.372	CRC 87th edition	0.057	USEPA 2001	9.2E-06	USEPA 2001	106.8	EPI (PCKOCWIN)	1900	EPI (WSKOWWIN)
Trichloropropane, 1,2,3-	96-18-4	147.43	EPI	0.014	EPI (HenryWin)	1.3889	CRC 87th edition	0.057	USEPA 2001	9.2E-06	USEPA 2001	130.8	EPI (PCKOCWIN)	1750	EPI (WSKOWWIN)
Trichloropropene, 1,2,3-	96-19-5	145.42	EPI	0.72	EPI (HenryWin)	1.412	CRC 87th edition	0.059	USEPA 2001	9.4E-06	USEPA 2001	130.8	EPI (PCKOCWIN)	334.2	EPI (WSKOWWIN)
Tridiphane	58138-08-2	320.43	EPI	0	EPI (HenryWin)					1756	EPI (PCKOCWIN)	0.3523	EPI (WSKOWWIN)		
Triethylamine	121-44-8	101.19	EPI	6.10E-03	EPI (HenryWin)	0.7275	CRC 87th edition	0.066	USEPA 2001	7.9E-06	USEPA 2001	107.2	EPI (PCKOCWIN)	73700	EPI (WSKOWWIN)
Tifluralin	1582-09-8	335.29	EPI	4.20E-03	EPI (HenryWin)	1.2144	CRC 87th edition			9682	EPI (PCKOCWIN)	0.184	EPI (WSKOWWIN)		
Trimethyl Phosphate	512-56-1	140.08	EPI	2.90E-07	EPI (HenryWin)	1.2144	CRC 87th edition			7.644	EPI (PCKOCWIN)	500000	EPI (WSKOWWIN)		
Trimethylbenzene, 1,2,4-	95-63-6	120.2	EPI	2.50E-01	Sanemasa et al. (1982)	0.8758	CRC 87th edition	0.061	USEPA 2001	7.9E-06	USEPA 2001	717.6	EPI (PCKOCWIN)	57	McAuliffe (1966)
Trimethylbenzene, 1,3,5-	108-67-8	120.2	EPI	3.60E-01	EPI (HenryWin)	0.8615	CRC 87th edition	0.06	USEPA 2001	7.8E-06	USEPA 2001	703	EPI (PCKOCWIN)	48.2	EPI (WSKOWWIN)
Trinitrobenzene, 1,3,5-	99-35-4	213.11	EPI	1.30E-07	EPI (HenryWin)	1.4775	CRC 87th edition			1087	EPI (PCKOCWIN)	278	EPI (WSKOWWIN)		
Trinitrotoluene, 2,4,6-	118-96-7	227.13	EPI	1.90E-05	EPI (HenryWin)	1.654	CRC 87th edition			1534	EPI (PCKOCWIN)	130	EPI (WSKOWWIN)		
Triphenylphosphine Oxide	791-28-6	278.29	EPI	2.20E-08	EPI (HenryWin)	1.2124	CRC 87th edition			921.3	EPI (PCKOCWIN)	62.76	EPI (WSKOWWIN)		
Tris(2-chloroethyl)phosphate	115-96-8	285.49	EPI	1.00E-06	EPI (HenryWin)	1.39	CRC 87th edition			300.9	EPI (PCKOCWIN)	7000	EPI (WSKOWWIN)		
Tris(2-ethylhexyl)phosphate	76-42-2	434.65	EPI	3.20E-06	EPI (HenryWin)	0.99	CRC 87th edition			2277000	EPI (PCKOCWIN)	0.6	EPI (WSKOWWIN)		
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1														
Tin-n-butyltin	698-73-3	291.07	EPI	6.20E+01	EPI (HenryWin)	1.103	CRC 88th edition			9950	EPI (PCKOCWIN)	0.007302	EPI (WSKOWWIN)		
Uranium (Soluble Salts)	NA														
Vanadium Pentoxide	1314-62-1	181.88	EPI									700	CRC 85th edition, measured at 25 degrees Celsius.		
Vanadium Sulfate	36907-42-3	273.111	CRC 88th edition									0	CRC 85th edition, considered insoluble		
Vanadium and Compounds	NA	50.94	Chemfinder												
Vanadium, Metallic	7440-62-2	50.94	EPI									0	CRC 85th edition, considered insoluble		
Vermolate	1929-77-7	203.95	EPI	0.0013	EPI (HenryWin)	0.952	CRC 87th edition			475.3	EPI (PCKOCWIN)	90	EPI (WSKOWWIN)		
Vincolozin	50471-44-8	286.12	EPI	5.40E-07	EPI (HenryWin)	1.51	CRC 87th edition			289	EPI (PCKOCWIN)	2.6	EPI (WSKOWWIN)		
Vinyl Acetate	108-05-4	86.09	EPI	2.10E-02	EPI (HenryWin)	0.9256	CRC 87th edition	8.50E-02	USEPA 2001	1.00E-05	USEPA 2001	6.131	EPI (PCKOCWIN)	20000	EPI (WSKOWWIN)
Vinyl Bromide	593-60-2	106.95	EPI	5.00E-01	EPI (HenryWin)	1.4933	CRC 87th edition	8.60E-02	USEPA 2001	1.20E-05	USEPA 2001	23.74	EPI (PCKOCWIN)	5079	EPI (WSKOWWIN)
Vinyl Chloride	75-01-4	82.5	EPI	1.10E+00	EPI (HenryWin)	0.9106	CRC 87th edition	1.10E-01	USEPA 2001	1.20E-05	USEPA 2001	23.74	EPI (PCKOCWIN)	8900	EPI (WSKOWWIN)
Warfarin	81-81-2	308.34	EPI	1.10E-07	EPI (HenryWin)					273.2	EPI (PCKOCWIN)	17			