

ANALYSIS	CAS No.	MW	MW Ref	H ⁺	H ⁺ Ref	Density (g/ml)	Density Ref	D ₂₀	D ₂₀ Ref	D ₂₀	D ₂₀ Ref	K _{oc}	K _{oc} Ref	S (mg/L)	S Ref		
Acophate	30560-19-1	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	Garfney 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)		
Acetylchlor	34256-82-1	289.77	EPI	9.10E-07	EPI (HenryWin)							1.361	EPI (PCKOCWIN)	21	Shiu et al. (1990)		
Acetone	67-64-4	58.08	EPI	1.60E-03	Taft 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	1.1	EPI (PCKOCWIN)	1000000	Smiley (1981)		
Acetonitrile	75-05-8	41.05	EPI	1.40E-03	Garfney 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	5.00E-03	Garfney 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	not listed	not listed							10.46	EPI (PCKOCWIN)	640000	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	269.77	EPI	3.40E-07	Fendlinger and Glettoffy (1988)	1.133	CRC 87th edition					184.3	EPI (PCKOCWIN)	240	Chesters et al. (1989)		
ALAR	1596-94-5	163.17	EPI	not listed	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)		
Aldrin	309-00-2	364.92	EPI	1.80E-03	Altschuh et al. (1999)							105600	EPI (PCKOCWIN)	0.017	Yalkowsky and Dannenfelser (1992)		
Allyl	74223-64-6	381.37	EPI	3.10E-12	EPI (HenryWin)							89.22	EPI (PCKOCWIN)	9500	Beyer et al. (1988)		
Allyl Alcohol	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)		
Allyl Chloride	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	7429-90-5	30.01	EPI											0	CRC 85th edition, considered insoluble		
Aluminum Phosphide	20859-73-8	57.96	EPI											0	CRC 85th edition, reacts in water and/or decomposes.		
Amdro	67486-29-4	494.49	EPI	9.00E-05	not listed							634200000	EPI (PCKOCWIN)	0.006	Tomlin (1994)		
Amidol	834-12-8	227.33	EPI	not listed	not listed							44.5	EPI (PCKOCWIN)	239	Yalkowsky and Dannenfelser (1992)		
Aminophenol, m-	591-27-5	109.13	EPI	9.10E-08	EPI (HenryWin)							72.53	EPI (PCKOCWIN)	27000	Yalkowsky and Dannenfelser (1992)		
Aminophenol, p-	123-30-8	109.13	EPI	3.90E-08	not listed							72.53	EPI (PCKOCWIN)	6000	Dunn (1954)		
Amiratz	33089-61-1	283.42	EPI	4.00E-04	Tomlin (1997)	1.128	CRC 87th edition					643500	EPI (PCKOCWIN)	1	Shiu et al. (1990)		
Ammonia	7664-41-7	17.03	EPI	6.60E-04	HLC from PHYPROP converted to H ⁺									482000	PHYSPROP, measured at 24 degrees Celsius.		
Ammonium Perchlorate	7799-98-9	117.49	EPI											245000	CRC 85th edition, measured at 25 degrees Celsius.		
Ammonium Sulfamate	773-06-0	97.09	EPI														
Aniline	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											857.6	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 (1968)		
Avermectin B1	65196-55-3	875.12	EPI	5.40E-26	EPI (HenryWin)							1288	EPI (PCKOCWIN)	0.0003504	EPI (WSKOWWIN)		
Axobenzene	103-33-3	182.23	EPI	5.00E-04	not listed	1.09	CHEMFINDER	3.40E-02	USEPA 2001	7.00E-06	USEPA 2001	1954	EPI (PCKOCWIN)	6.4	Takagishi 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							9692	EPI (PCKOCWIN)	0.1	Tomlin (1997)		
Benomyl	17804-35-2	290.52	EPI	2.00E-10	USDA Pest. Prop. Database							5119.9	EPI (PCKOCWIN)	3.8	Yalkowsky and Dannenfelser (1992)		
Benzatrazon	29507-89-0	240.28	EPI	8.90E-08	not listed							37.51	EPI (PCKOCWIN)	500	Shiu et al. (1990)		
Benzaldehyde	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	165.5	EPI (PCKOCWIN)	1790	May et al. (1983)		
Benzeneethiol	108-98-9	110.17	EPI	1.40E-02	not listed	1.0775	CRC 87th edition	7.30E-02	USEPA 2001	9.50E-06	USEPA 2001	268	EPI (PCKOCWIN)	835	Wakita et al. (1986)		
Benzoic Acid	92-67-5	146.24	EPI	2.90E-09	EPI (HenryWin)							2740	EPI (PCKOCWIN)	322	Yalkowsky and Dannenfelser (1992)		
Benzochloride	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)		
Benzonitrile	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 (PCKOCWIN)	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		
Bifentox	141-66-2	237.19	EPI	2.10E-09	Dupont (Pest. Prop. Database)	1.216	CRC 87th edition					366.2	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)		
Biphentyl, 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	Pearman et al. (1984)		
Bis(2-chloroethoxy)methane	111-91-1	173.04	EPI	9.90E-06	EPI (HenryWin)							2.767	EPI (PCKOCWIN)	7800	Belstein		
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	DeJee et al. (1990)		
Bis(chloromethyl)ether	542-88-1																

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					16020	EPI (PCKOCWIN)	0.3	Tomlin (1994)	
Chloral Hydrate	5234-68-4	235.3	EPI	1.10E-08	not listed							79.96	EPI (PCKOCWIN)	159	Tomlin (1994)	
Chloramben	133-90-4	206.03	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)	
Chloranil	118-75-2	245.88	EPI	1.60E-09	not listed							10.72	EPI (PCKOCWIN)	700	Martin and Worthing (1977)	
Chlorane	12789-03-6	409.78	EPI	1.30E-08	EPI (HenryWin)							10.8	EPI (PCKOCWIN)	250	Yalkowsky and Dannenfelser (1992)	
Chloroacetic Acid	143-50-7	490.64	EPI	2.00E-03	Warner et al. (1987)	1.6	CRC 87th edition					86650	EPI (PCKOCWIN)	0.056	Sanborn et al. (1976)	
Chloroacetic Acid, p-	99982-32-4	414.82	EPI	2.20E-06	not listed	1.61	CRC 87th edition					17520	EPI (PCKOCWIN)	2.7	Kilzer et al. (1979)	
Chloroform, Ethyl-	7782-50-5	70.91	EPI	7.40E-01	HLC from PHYPROP converted to H'							78.19	EPI (PCKOCWIN)	1200	Tomlin (1997)	
Chlorine Dioxide	10049-04-4	67.45	EPI												63001	PHYSPROP
Chlorite (Sodium Salt)	7758-19-2	90.44	EPI												112000	Lang's (15th Ed.), measured at 10 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)	640000	CRC 85th edition, measured at 17 degrees Celsius.	
Chloro-1,3-butadiene, 2-	128-69-8	98.54	EPI	2.30E-00	EPI (HenryWin)	0.956	CRC 87th edition	8.40E-02	USEPA 2001	1.00E-05	USEPA 2001	67.7	EPI (PCKOCWIN)	1400	Chang and Criddle (1995)	
Chloro-2-methylaniline 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-methylaniline, 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	164.6	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)	
Chlorobenzoate	510-15-6	325.19	EPI	3.00E-06	not listed	1.2816	CRC 87th edition					1263	EPI (PCKOCWIN)	13	Furer 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)	1.4909	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	Gosssett (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	Gosssett (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	167.56	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-	100-00-5	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)	
Chloro-o-xylene	95-57-3	148.56	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)	26500	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	213.67	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)	1.12		
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	Lang'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	Lang's (15th Ed.), considered insoluble
Cresol, m-	108-39-4	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)	
Crystalline, 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	817.2	EPI (PCKOCWIN)	61.3	Sanemasa et al. (1982)	
Cyanazine	2407-10-2	240.7	EPI	1.20E-10	USDA Pest. Prop. Database	6.1		0.08	USEPA 2001	9.1E-06	USEPA 2001	165.5	EPI (PCKOCWIN)	55	McAuliffe (1966)	
Cyclohexane	110-82-7	84.16	EPI		Bock (1976)	0.7739	CRC 87th edition								476000	
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	513.09	EPI	4.4E-10	EPI (HenryWin)										3380	EPI (PCKOCWIN)
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	40.37	EPI (PCKOCWIN)	1000000	Merck Index (1996)	
Cyhalothrin/karate	68086-85-8	449.86	EPI	6.10E-05	not listed										0.005	USDA Pest. Prop. Database
Cypermethrin	52315-07-8	416.31	EPI	1.70E-05	not listed	1.25	CRC 87th edition								108000	Wauchope et al. (1991a)
Cyromazine	66215-27-8	166.19	EPI	2.30E-12	not listed										21.04	EPI (PCKOCWIN)
Cyanides																
Calcium Cyanide	592-01-8	92.11	EPI												0	CRC 85th edition, considered insoluble
Copper Cyanide	544-82-3	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	Lang'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	61.47	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	65.12	EPI												699000	CRC 85th edition, measured at 20 degrees Celsius.
Potassium Silver Cyanide	506-61-6	199	EPI												250000	Lang'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	58.09	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												580	Lang's (15th Ed.), measured at 18 degrees Celsius.
Dachal	1861-32-1	331.97	EPI	8.90E-05	not listed										0.5	Tomlin (1997)
Dalapon	75-99-0	142.97	EPI	0.0000037												

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	98.94	EPI	1.0E+00	Gossett (1987)	1.213	CRC 87th edition	0.086	USEPA 2001	1.1E-05	USEPA 2001	35.04	EPI (PCKOCWIN)	2420	
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0	98.94	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 Dannenfels (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	9.00E-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							28.41	EPI (PCKOCWIN)	677	
Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6	249.1	EPI	2.40E-07	EPI (HenryWin)							100.1	EPI (PCKOCWIN)	9000	
Dichloropropane, 1,2-	78-87-5	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, 2,3-	616-23-9	128.99	EPI	1.50E-07	EPI (HenryWin)	1.3607	CRC 87th edition					3.957	EPI (PCKOCWIN)	64220	EPI (WSKOWWIN)
Dichloropropane, 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	62-73-7	220.98	EPI	2.30E-05	not listed			0.073	USEPA 1987	8.6E-06	USEPA 1987	1800	EPI (PCKOCWIN)	51.88	
Dicyclopentadiene	77-73-6	132.21	EPI	2.60E+00	EPI (HenryWin)	1.415	CRC 87th edition					10600	EPI (PCKOCWIN)	0.25	
Dieldrin	60-57-1	380.91	EPI	4.10E-04	Altschuh et al. (1999)	1.75	CRC 87th edition					126.2	EPI (PCKOCWIN)	1080	Howard et al. (1985)
Diesel Engine Exhaust	NA			2.50E-05	not listed	1.232	CRC 87th edition					10	EPI (PCKOCWIN)	1000000	Dow Chem. Co. (1981)
Diethyl Phthalate	84-66-2	222.24	EPI	1.80E-09	EPI (HenryWin)	0.9583	CRC 87th edition					9.985	EPI (PCKOCWIN)	1000000	Riddick et al. (1986)
Diethylene Glycol Monoethyl Ether	112-94-5	162.23	EPI	9.10E-10	EPI (HenryWin)	0.908	CRC 87th edition					9.001	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfels (1992)
Diethylene Glycol Dimethyl Ether	111-90-0	134.18	EPI	5.30E-06	EPI (HenryWin)	0.908	CRC 87th edition					569200	EPI (PCKOCWIN)	12	Yalkowsky and Dannenfels (1992)
Diethylformamide	617-84-5	101.15	EPI	2.40E-10	EPI (HenryWin)							117700	EPI (PCKOCWIN)	1492	EPI (WSKOWWIN)
Diethylstilbestrol	56-53-1	268.36	EPI									1059	EPI (PCKOCWIN)	0.08	Tomlin (1997)
Difenzoat	43222-48-6	360.43	EPI	1.9E-07	not listed			1.00E-01	USEPA 2001	1.20E-05	USEPA 2001	1000	EPI (PCKOCWIN)	3300	Horvath (1982)
Dibenzuron	35367-39-5	310.69	EPI	8.30E-01	Hine and Mookerjee (1975)	0.896	CRC 87th edition					6.50E-02	USEPA 2001	7.80E-06	USEPA 2001
Dibenzofuran, 1,1-	75-37-6	65.05	EPI	9.30E-02	not listed	0.7192	CRC 87th edition					6.00E-02	USEPA 1987	7.00E-06	USEPA 1987
Diisopropyl Ether	108-20-3	102.18	EPI	1.80E-03	not listed							31.28	EPI (PCKOCWIN)	1500	Heitmann et al. (1987)
Diisopropyl Methylphosphonate	1445-75-6	180.19	EPI	9.40E-10	not listed							27.41	EPI (PCKOCWIN)	4600	Tomlin (1994)
Dimethipin	55290-64-7	210.26	EPI									24.52	EPI (PCKOCWIN)	25000	Martin and Worthing (1977)
Dimethoate	60-51-5	223.25	EPI	4.30E-09	not listed	1.277	CRC 87th edition					1447	EPI (PCKOCWIN)	3000	Yalkowsky and Dannenfels (1992)
Dimethylbenzidine, 3,3'-	119-90-4	244.2	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)
Dimethyl methylphosphonate	756-79-6	124.08	EPI	1.00E-04	EPI (HenryWin)			7.80E-02	USEPA 2001	8.40E-06	USEPA 2001	119.9	EPI (PCKOCWIN)	3652	EPI (WSKOWWIN)
Dimethylaniline HCl, 2,4-	21436-96-4	121.18	EPI	1.00E-04	EPI (HenryWin)	0.9723	CRC 87th edition	0.063	USEPA 2001	8.3E-06	USEPA 2001	77.08	EPI (PCKOCWIN)	1450	Huyskens et al. (1975)
Dimethylaniline, 2,4-	95-68-1	121.18	EPI	2.30E-03	not listed	0.9587	CRC 87th edition					2.411	EPI (PCKOCWIN)	1000000	not given
Dimethylaniline, N,N-	121-89-7	121.18	EPI	3.30E-09	EPI (HenryWin)							717.6	EPI (PCKOCWIN)	7870	Banerjee et al. (1980)
Dimethylbenzidine, 3,3'-	119-93-7	212.3	EPI	3.00E-06	Tait et al. (1985)	0.9445	CRC 87th edition	6.20E-02	USEPA 2001	8.30E-06	USEPA 2001	732.5	EPI (PCKOCWIN)	6050	Yalkowsky and Dannenfels (1992)
Dimethylformamide	68-12-2	73.1	EPI	3.90E-05	Abraham et al. (1994)	0.965	CRC 87th edition					8.4E-06	USEPA 2001	717.6	EPI (PCKOCWIN)
Dimethylphenol, 2,4-	105-67-9	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 Dannenfels (1992)
Dimethylphenol, 2,6-	95-68-8	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 Dannenfels (1992)
Dimethylphthalate	120-61-6	194.19	EPI	5.50E-03	not listed	1.075	CRC 87th edition	0.029	USEPA 2001	6.7E-06	USEPA 2001	36.33	EPI (PCKOCWIN)	19	Tomlin (1994)
Dinitro-o-cresol, 4,6-	534-52-1	198.14	EPI	9.70E-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 Dannenfels (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-	100-25-4	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 Dannenfels (1992)
Dinitrochlorobenzene, 2,4-	51-29-5	184.11	EPI	0.000035	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	1.2833	CRC 87th edition	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	6.80E-09	EPI (HenryWin)							100.5	EPI (PCKOCWIN)	1223	EPI (WSKOWWIN)
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	197.15	EPI	6.80E-09	EPI (HenryWin)							100.5	EPI (PCKOCWIN)	1223	EPI (WSKOWWIN)
Dioseob	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					2903	EPI (PCKOCWIN)	313.6	EPI (WSKOWWIN)
Diphenylamine	123-39-4	169.23	EPI	1.40E-04	not listed	1.158	CRC 87th edition	4.20E-02	USEPA 2001	7.60E-06	USEPA 2001	1887	EPI (PCKOCWIN)	53	Yalkowsky and Dannenfels (1992)
Diphenylhydrazine, 1,2-	122-66-7	184.24	EPI	1.8E-07	not listed	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	18071-86-6	760.11	EPI									1081000	EPI (PCKOCWIN)	1000000	EPI (WSKOWWIN)
Disulfoton	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)
Diuron	330-54-1	233.1	EPI	2.1E-08	not listed							136	EPI (PCKOCWIN)	42	Tomlin (1994)
Dodine	2439-10-3	287.45	EPI	2.5E-17	EPI (HenryWin)							15460	EPI (PCKOCWIN)	630	Gunther et al. (1968)
Dioxins	34465-46-8	390.87	EPI	2.30E-04	not listed							416700	EPI (PCKOCWIN)	0.000004	Fischer et al. (1992)
Hexachlorodibenzo-p-dioxin	NA	390.87	EPI	1.00E-03	EPI (HenryWin)							416700	EPI (PCKOCWIN)	0.00002645	EPI (WSKOWWIN)
Hexachlorodibenzo-p-dioxin, Mixture	67871-00-4	425.31	EPI	7.20E-03	not listed							703300	EPI (PCKOCWIN)	0.00000141	Friess et al. (1990b)
HpCDD, 2,3,7,8-OCDD	3268-87-9	459.76	EPI	2.80E-04	not listed							1187000	EPI (PCKOCWIN)	0.0000004	Yalkowsky and Dannenfels (1992)
PCDD, 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	321.38	EPI	2.00E-03	not listed							146300	EPI (PCKOCWIN)	0.0002	Shiu et al. (1988)
Endosulfan	115-29-7	406.92	EPI	2.70E-03	Rice and Chernyak (1995)	1.745	CRC 87th edition					21990	EPI (PCKOCWIN)		

Expreses	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 Dannenfelser (1992)	
Fluorfenitrovin	39515-41-8	349.43	EPI	0.00022	not listed				2971.0	EPI (PCKOCWIN)	0.0141	Tomlin (1994)	
Fluometuron	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.	
Flurprimidol	59756-60-4	329.32	EPI	3.30E-07	not listed				110400	EPI (PCKOCWIN)	12	Shiu et al. (1990)	
Flutrimidol	56425-91-3	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	69409-94-6	502.92	EPI	6.90E-07	EPI (HenryWin)				720500	EPI (PCKOCWIN)	0.005	Wauschope 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 Dannenfelser (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	64-18-6	460.03	EPI	6.80E-06	Gaffney et al. (1987)				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	1.1594	CRC 87th edition	0.085	USEPA 2001	1.1E-05	USEPA 2001	17.71	Yalkowsky and Dannenfelser (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)
HgCDF, 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-	5684-94-1	374.87	EPI	3.50E-04	EPI (HenryWin)				235500	EPI (PCKOCWIN)	0.0001138	EPI (WSKOWWIN)	
HxCDF, 2,3,7,8-	39001-02-0	443.76	EPI	7.70E-05	not listed				657000	EPI (PCKOCWIN)	0.00000116	Doucette and Andren (1988)	
HxCDF, 1,2,3,7,8-	57117-41-6	340.42	EPI	4.70E-04	EPI (HenryWin)				138700	EPI (PCKOCWIN)	0.000235	Friesen et al. (1990b)	
HxCDF, 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)	
Glufosinate, 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	1	IARC (1976)
Glyoxalate	1071-83-6	103.07	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	Shiu 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		52410	EPI (PCKOCWIN)	0.18	Biggar and Riggs (1974)	
Hexachlor Epoxide	1024-57-3	389.32	EPI	0.0086	Altschuh et al. (1999)				5360	EPI (PCKOCWIN)	0.2	Biggar and Riggs (1974)	
Hexabromobenzene	87-82-1	551.49	EPI	0.0011	EPI (HenryWin)				3380	EPI (PCKOCWIN)	0.00016	Oppenhuizen (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)	2.091	CRC 87th edition		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		1667	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 Dannenfelser (1992)	
Hexahydro-1,3,5-triazine-1,3,5-triazine (RX)	121-82-4	223.12	EPI	2.80E-06	EPI (HenryWin)	1.82	CRC 87th edition		195.4	EPI (PCKOCWIN)	10000	Yalkowsky and Dannenfelser (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 Dannenfelser (1992)	
Hexazinone	51235-04-2	252.32	EPI	9.20E-11	not listed	1.25	CRC 87th edition		614.3	EPI (PCKOCWIN)	33000	Tomlin (1997)	
Hydrazine	302-01-2	32.05	EPI						1000000	EPI (PCKOCWIN)	1	Lange's (15th Ed.), Perry's (7th Ed.), estimated based on miscibili	
Hydrazine Sulfate	10034-93-2	128.1	EPI						30550	EPI (PCKOCWIN)	22	degrees Celsius.	
Hydrogen Chloride	7647-01-0	35.45	EPI						720000	EPI (PCKOCWIN)	5132	Lange's (15th Ed.), measured at 20 degrees Celsius.	
Hydrogen Sulfide	7783-06-4	34.08	EPI						5132	EPI (PCKOCWIN)	72000	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)	
Imazaquin	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	Wauschope et al. (1991a)	
Iron	7439-89-6	55.85	EPI						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)
Isophorone	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	23899-59-5	256.13	EPI	0.0000004	not listed				1567	EPI (PCKOCWIN)	15	Yalkowsky and Dannenfelser (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			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	Wauschope et al. (1991a)	
Lead Compounds													
Lead and Compounds	7439-92-1	207.2	EPI						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 Giotflety (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)	1.314	CRC 87th edition	0.088	USEPA 2001	1.1E-05	USEPA 2001	4912	EPI (WSKOWWIN)
Malonic Hydroxide	123-33-1	112.09	EPI	1.1E-09	EPI (HenryWin)				10.35	EPI (PCKOCWIN)	4590	Tomlin (1997)	
Malononitrile	109-77-3	86.06	EPI	2.00E-07	EPI (HenryWin)	1.191	CRC 87th edition	0.12	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			Lange's (15th Ed.), reacts in water and/or decomposes.	
Manganese (Water)	7439-96-5	54.94	EPI						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 Dannenfelser (1992)	
MCPB	94-81-5	228.68	EPI	1.10E-07	not listed				100.1	EPI (PCKOCWIN)	48	Yalkowsky and Dannenfelser (1992)	
MCPP	93-65-2	214.65	EPI	4.00E-08	not listed				48.63	EPI (PCKOCWIN)	860	Tomlin (1997)	
Mephosfolan	950-10-7	269.32	EPI	4.90E-09	EPI (HenryWin)				498	EPI (PCKOCWIN)	57	Tomlin (1994)	
Mepiquat Chloride	24307-26-4	149.67	EPI	1.80E-10	EPI (HenryWin)	1.02	CRC 87th edition		173.7	EPI (PCKOCWIN)	500000	Tomlin (1997)	

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	EPI (PCKOCWIN)	1000000	Yalkowsky and Dannenfelser (1992)	
Methoxyethanol, 2-	69-45-6	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	EPI (PCKOCWIN)	1000000	Dow Chem. Co. (1981)	
Methyl Acetate	79-20-9	74.08	EPI	4.70E-03	Buttley et al. (1969)	0.9342	CRC 87th edition	0.096	USEPA 2001	1.1E-05	USEPA 2001	3.324	EPI (PCKOCWIN)	243000	Stephen and Stephen (1963)	
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)	49400	Riddick et al. (1986)	
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)	223000	Taft et al. (1985)	
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)	19000	Yalkowsky and Dannenfelser (1992)	
Methyl Methacrylate	80-62-6	103.12	EPI	1.40E-02	not listed	0.9377	CRC 87th edition	7.50E-02	USEPA 2001	9.20E-06	USEPA 2001	10.14	EPI (PCKOCWIN)	15000	Nemec and Kirsch (1981)	
Methyl Parathion	298-00-0	263.21	EPI	4.10E-06	Metcalfe et al. (1980)	1.359	CRC 87th edition	0.079	USEPA 1987	9.2E-06	USEPA 1987	817.2	EPI (PCKOCWIN)	37.7	Bowman and Sans (1983)	
Methyl Styrene (Mixed Isomers)	2501-15-4	118.18	EPI	3.20E-01	not listed			0.079	USEPA 1987	9.2E-06	USEPA 1987	817.2	EPI (PCKOCWIN)	89	Lewis et al. (1978)	
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)	51000	Bennett and Philip (1928)	
Methyl-5-Nitroaniline, 2-	99-55-8	162.15	EPI	7.90E-07	EPI (HenryWin)			0.084	USEPA 1987	9.8E-06	USEPA 1987	74.04	EPI (PCKOCWIN)	16600	Huykens et al. (1975)	
Methylaniline Hydrochloride, 2-	636-21-5	107.16	EPI	0.000081	Altschuh et al. (1999)							48.64	EPI (PCKOCWIN)	256000	Yalkowsky, SH & Dannenfelser, RM 1992	
Methylselenic acid	124-69-3	139.87	EPI													
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)	13000	Horvath (1982)	
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	267.16	EPI	4.70E-10	EPI (HenryWin)							13530	EPI (PCKOCWIN)	13.9	Vooman and Penner (1986a)	
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)	
Methylenebisbenzotriazine, 4,4'-	101-77-9	198.27	EPI	6.50E-10	EPI (HenryWin)							4950	EPI (PCKOCWIN)	1000	Moore (1978)	
Methylenediphenyl Disocyanate	101-48-8	250.26	EPI	3.70E-05	EPI (HenryWin)	1.197	CRC 87th edition	0.106	USEPA 2001	376200	EPI (PCKOCWIN)	0.8288	EPI (WSKOWWIN)			
Methylstyrene, Alpha-	98-83-9	118.18	EPI	9.00E-01	not listed	0.9106	CRC 87th edition	0.063	USEPA 2001	8.2E-06	USEPA 2001	817.2	EPI (PCKOCWIN)	89	Lewis et al. (1978)	
Metolachlor	51218-45-2	283.8	EPI	3.70E-07	Chesters et al. (1989)	1.12	CRC 87th edition	1.1				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	1.196				1196	EPI (PCKOCWIN)	1050	Tomlin (1994)	
Mirex	2385-85-5	545.55	EPI	3.30E-02	Yin and Hassett (1986)	1.063	CRC 87th edition	3.20E-02	USEPA 2001	6.80E-06	USEPA 2001	472900	EPI (PCKOCWIN)	0.085	Yalkowsky and Dannenfelser (1992)	
Molinate	2212-67-1	167.3	EPI	1.70E-04	Sagebiel et al. (1992)	1.063	CRC 87th edition					286.3	EPI (PCKOCWIN)	970	Wauchope et al. (1991a)	
Molybdenum	7439-98-7	95.94	EPI												CRC 85th edition, considered insoluble	
Monochloramine	10599-90-3	51.48	EPI													
Monomethylaniline	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)	5620	Yalkowsky and Dannenfelser (1992)	
Mercury Compounds																
Mercuric Chloride	7487-94-7	271.5	EPI												73100	CRC 85th edition, measured at 25 degrees Celsius.
Mercuric Sulfide	1344-48-5	232.65	EPI												0	CRC 85th edition, considered insoluble
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	PHYSPROP, measured at 25 degrees Celsius.
Methyl Mercury	22967-92-6	215.63	EPI													
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	74-51-7	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	CRC 85th edition, considered insoluble
Nickel Sulfide	12036-72-2														0	Lange's (15th Ed.). Assigned a water solubility value of 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	0.068	USEPA 2001	9.4E-06	USEPA 2001	180.8	EPI (PCKOCWIN)	2090	Banerjee et al. (1980)	
Nitrofurantoin	67-20-9	238.16	EPI	6.40E-11	EPI (HenryWin)							262.4	EPI (PCKOCWIN)	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	Garfney et al. (1987)	1.1371	CRC 87th edition	1.20E-01	USEPA 2001	1.40E-05	USEPA 2001	8.181	EPI (PCKOCWIN)	111000	Riddick et al. (1986)	
Nitropropene, 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)	17000	Baker and Bolmeiser (1981)	
Nitroso-di-N-butylamine, N-	924-16-3	158.25	EPI	5.40E-04	Mirvish et al. (1976)	0.9163	CRC 87th edition	6.50E-02	USEPA 2001	7.60E-06	USEPA 1987	1651	EPI (PCKOCWIN)	1270	Mirvish et al. (1976)	
Nitroso-di-N-propylamine, N-	621-64-7	130.19	EPI	2.20E-04	Mirvish et al. (1976)	0.9163	CRC 87th edition	5.60E-02	USEPA 2001	7.80E-06	USEPA 2001	485.3	EPI (PCKOCWIN)	13000	Mirvish et al. (1976)	
Nitroso-N-ethylurea, N-	759-73-9	117.11	EPI	5.40E-09	EPI (HenryWin)							35.85	EPI (PCKOCWIN)	13000	IARC (1978)	
Nitrosodimethanamine, N-	1116-54-7	134.14	EPI	9.30E-15	EPI (HenryWin)							1	EPI (PCKOCWIN)	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)	106000	Yalkowsky and Dannenfelser (1992)	
Nitrosodiphenylamine, 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)	1000000	Yalkowsky and Dannenfelser (1992)	
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)	35	Banerjee et al. (1980)	
Nitrosodimethylamine, N-	10595-95-6	88.11	EPI	1.70E-05	not listed			9.60E-02	USEPA 1987	1.10E-05	USEPA 1987	73.83	EPI (PCKOCWIN)	300000	IARC (1978)	
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)	500	Yalkowsky and Dannenfelser (1992)	
Nitrotoouene, o-	88-72-2	137.14	EPI	3.10E-04	Altschuh et al. (1999)	1.1611	CRC 87th edition	0.059	USEPA 2001	8.7E-06	USEPA 2001	315.5	EPI (PCKOCWIN)	650	Yalkowsky and Dannenfelser (1992)	
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)	442	Gross et al. (1933)	
Norflurazon	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)							1769000	EPI (PCKOCWIN)	54	Tomlin (1997)	
Octabromodiphenyl Ether	32536-52-0	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)	2931-41-0	298.16	EPI	3.50E-08	EPI (HenryWin)							1853	EPI (PCKOCWIN)	9438	EPI (WSKOWWIN)	
Ocymethoxypropylphosphoramide	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	76738-62-0	293.8	EPI	3.40E-09	not listed	1.22	CRC 87th edition					12290	EPI (PCKOCWIN)	20	Tomlin (1994)	
Paraquat Dichloride	1910-42-5	257.16	EPI													

Phthalic Acid, P-	100-21-0	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. (1988)		
Picric Acid	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)					100.5	EPI (PCKOCWIN)	1400	Yalkowsky and Dannenfelser (1992)		
Pirimiphos, Methyl	28232-93-7	305.33	EPI	2.90E-05	not listed	1.17	CRC 87th edition	0.056	USEPA 1987	6.5E-06	USEPA 1987				
Polybrominated Biphenyls	59536-65-1		EPI		EPI (HenryWin)					138.4	EPI (PCKOCWIN)	8.6	Tomlin (1994)		
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	512.53	EPI	5.40E-10	EPI (HenryWin)						EPI (PCKOCWIN)		EPI (WSKOWWIN)		
Potassium Perchlorate	7778-74-7	158.25	EPI							1000000000	EPI (PCKOCWIN)	6.938E-07	CRC 85th edition, measured at 25 degrees Celsius.		
Prochloraz	6747-09-5	376.67	EPI	6.70E-07	not listed					2683	EPI (PCKOCWIN)	25800	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)		
Propargol	709-89-8	218.08	EPI	0.000007	not listed	1.25	CRC 87th edition			197.2	EPI (PCKOCWIN)	152	USDA Pest. Prop. Database		
Propargite	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	1.3E-05	USEPA 2001	1.325	EPI (PCKOCWIN)	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)		
Propham	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)		
Propyleneazole	60207-89-1	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			8.30E-02	USEPA 2001	1.00E-05	USEPA 2001		
Propylene Oxide	75-56-9	58.08	EPI	2.80E-03	not listed	0.13	USEPA 1987			1.5E-05	USEPA 1987	1	EPI (PCKOCWIN)	1000000	Dow Chem. Co. (1981)
Pursult	81335-77-5	283.34	EPI	4.3E-15	EPI (HenryWin)					1389	EPI (PCKOCWIN)	59000	Bogyo et al. (1980)		
Pyridin	51630-58-1	419.91	EPI	0.0000014	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	33.01	Goe (1978)		
Polychlorinated Biphenyls (PCBs)															
Aroclor 1016	12674-11-2	257.85	EPI	8.20E-03	Brunner et al. (1990)					27110	EPI (PCKOCWIN)	0.27	Chiu 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	EPI (PCKOCWIN)	4.83	Chiu 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	EPI (PCKOCWIN)	4.83	Chiu 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	11098-82-6	395.33	EPI	1.40E-02	Burkhard et al. (1985a)					25680	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'- (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)	69782-80-7	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',5,5'- (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)	32598-14-4	326.44	EPI	3.40E-02	not listed					75640	EPI (PCKOCWIN)	0.0034	Ozretich et al. (1995)		
Pentachlorobiphenyl, 2,3,4,4',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)	32598-13-3	291.99	EPI	3.90E-04	Dunnivant et al. (1988)					44820	EPI (PCKOCWIN)	0.000569	EPI (WSKOWWIN)		
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)		
Polynuclear Aromatic Hydrocarbons (PAHs)															
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	EPI (PCKOCWIN)	3.9	Miller et al. (1985)
Anthracene	120-12-7	178.24	EPI	2.30E-03	Alseer et al. (1996)	1.28	CRC 87th edition	0.039	USEPA 2001	7.9E-06	USEPA 2001	29400	EPI (PCKOCWIN)	0.0434	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[k]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			238100	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	EPI (PCKOCWIN)	1.89	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	EPI (PCKOCWIN)	25	Volkman 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	EPI (PCKOCWIN)	24.6	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	EPI (PCKOCWIN)	31	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)	0.135	
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	EPI (PCKOCWIN)	61.10	Smith et al. (1978)
Refractory Ceramic Fibers															
Resmethrin	10453-86-8	338.45	EPI	5.40E-06	not listed					425300	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	Augustin-Beckers et al. (1994)		
Savey	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							9	EPI (PCKOCWIN)	900000	Perry's (7th Ed.), measured at 0 degrees Celsius.		

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	896-09-0	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	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	Stephen and Stephen (1963)	
Tetrachloroethylene	127-18-4	165.83	EPI	7.20E-01	Gosselt (1987)	1.623	CRC 87th edition	0.05	USEPA 2001	9.5E-06	USEPA 2001	106.8	Horvath et al. (1999)	
Tetrachlorophenol, 2,3,4,6-	58-38-2	231.89	EPI	3.60E-04	not listed					2032	EPI (PCKOCWIN)	23	Chem. Inspect. Test Inst. (1992)	
Tetraoctyltoluene, o- alpha, alpha, alpha-	5216-25-1	229.82	EPI	7.90E-03	EPI (HenryWin)	1.4463	CRC 87th edition			3864	EPI (PCKOCWIN)	4.039	Yalkowsky and Dannenfelser (1992)	
Tetraethyl Dithiopyrophosphate	3689-24-5	322.31	EPI	9.80E-05	not listed	1.196	CRC 87th edition					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 (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	Wachope et al. (1991a)	
Thioacetamide	28246-77-6	257.78	EPI									97.57	EPI (PCKOCWIN)	
Thioflorox	39196-18-4	218.32	EPI	1.10E-05	not listed	1.16	CRC 87th edition					14.32	EPI (PCKOCWIN)	
Thiophanate, Methyl	23564-05-8	342.39	EPI	1.20E-11	EPI (HenryWin)							10	EPI (PCKOCWIN)	
Thiram	137-26-8	240.42	EPI	1.20E-05	not listed							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	Sanemasa et al. (1982)	
Toluene dicyanate 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)	
Toluene-2,4-diamine	95-80-7	122.17	EPI	3.9E-08	EPI (HenryWin)							119.9	EPI (PCKOCWIN)	
Toluene-2,5-diamine	95-70-5	122.17	EPI	3.90E-08	EPI (HenryWin)							119.9	EPI (PCKOCWIN)	
Toluene-2,6-diamine	823-40-5	122.17	EPI	3.90E-08	EPI (HenryWin)							122.4	EPI (PCKOCWIN)	
Toluidine, o- (Methylaniline, 2-)	95-53-4	107.16	EPI	6.10E-05	Altschuh et al. (1999)	0.9884	CRC 87th edition	0.072	USEPA 2001	9.2E-06	USEPA 2001	74.04	Huykens et al. (1975)	
Toluidine, p-	106-49-0	107.16	EPI	9.30E-05	Jaysinghe et al. (1992)	0.9619	CRC 87th edition	7.10E-02	USEPA 2001	9.00E-06	USEPA 2001	72.53	EPI (PCKOCWIN)	
Toxaphene	8001-35-2	413.82	EPI	2.50E-04	EPI (HenryWin)							99300	EPI (PCKOCWIN)	
Tralometrin	66841-25-6	685.02	EPI	1.60E-08	EPI (HenryWin)							263400	EPI (PCKOCWIN)	
Triallate	2303-17-5	304.66	EPI	7.90E-04	EPI (HenryWin)	1.273	CRC 87th edition					1641	EPI (PCKOCWIN)	
Triasulfuron	82097-50-5	401.83	EPI	1.30E-11	EPI (HenryWin)							357.7	EPI (PCKOCWIN)	
Trichlorobenzene, 1,2,4-	615-54-3	314.8	EPI	1.60E-02	EPI (HenryWin)			4.10E-02	USEPA 1987	4.80E-06	USEPA 1987	717.6	EPI (PCKOCWIN)	
Tributyl Phosphate	126-73-8	266.32	EPI	6.10E-06	EPI (HenryWin)	0.9727	CRC 87th edition					1888	EPI (PCKOCWIN)	
Tributyltin Compounds	NA												280	EPI (WSKOWWIN)
Tributyltin Oxide	56-35-9	596.12	EPI	3900	EPI (HenryWin)							37450000	EPI (PCKOCWIN)	
Trichloro-1,2,2-trifluoroethane, 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)	
Trichloroamine HCl, 2,4,6-	33863-50-2	232.93	EPI	2.90E-12	EPI (HenryWin)							383.1	EPI (PCKOCWIN)	
Trichloroaniline, 2,4,6-	634-93-5	196.46	EPI	6.50E-05	EPI (HenryWin)							198.3	EPI (PCKOCWIN)	
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)	
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)	
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)	
Trichloroethylene	79-04-6	131.39	EPI	4.00E-01	EPI (HenryWin)	1.4642	CRC 87th edition	0.069	USEPA 2001	0.00001	USEPA 2001	67.7	EPI (PCKOCWIN)	
Trichloroethoxymethane	78-69-4	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)	
Trichlorophenol, 2,4,5-	95-95-4	197.45	EPI	6.60E-05	not listed							1186	EPI (PCKOCWIN)	
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)	
Trichlorophenoxy Propionic Acid, 2(2,4,5-	93-72-1	269.51	EPI	3.70E-07	EPI (HenryWin)							80.4	EPI (PCKOCWIN)	
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	255.49	EPI	1.90E-06	EPI (HenryWin)							48.63	EPI (PCKOCWIN)	
Trichloropropane, 1,1,2-	599-77-6	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)	
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)	
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)	
Tridiphane	58138-08-2	320.43	EPI	0	EPI (HenryWin)							1756	EPI (PCKOCWIN)	
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)	
Trifluralin	1582-09-8	335.29	EPI	4.20E-03	EPI (HenryWin)	1.2144	CRC 87th edition					9682	EPI (PCKOCWIN)	
Trimethyl Phosphate	512-56-1	140.08	EPI	2.90E-07	EPI (HenryWin)	1.2144	CRC 87th edition					7.644	EPI (PCKOCWIN)	
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)	
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)	
Trinitrobenzene, 1,3,5-	99-35-4	213.11	EPI	1.30E-07	EPI (HenryWin)	1.4775	CRC 87th edition					1087	EPI (PCKOCWIN)	
Trinitrotoluene, 2,4,6-	119-66-7	227.13	EPI	1.90E-05	EPI (HenryWin)	1.854	CRC 87th edition					1534	EPI (PCKOCWIN)	
Triphenylphosphine Oxide	791-28-6	278.29	EPI	2.20E-08	EPI (HenryWin)	1.2124	CRC 87th edition					921.3	EPI (PCKOCWIN)	
Tris(2-chloroethyl)phosphate	115-96-8	285.49	EPI	1.00E-06	EPI (HenryWin)	1.39	CRC 87th edition					300.9	EPI (PCKOCWIN)	
Tris(2-ethylhexyl)phosphate	78-42-2	434.65	EPI	3.20E-06	EPI (HenryWin)	0.99	CRC 87th edition					2277000	EPI (PCKOCWIN)	
Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1											9950	EPI (PCKOCWIN)	
Uranium (Soluble Salts)	698-73-3	291.07	EPI	6.20E+01	EPI (HenryWin)	1.103	CRC 88th edition					0.007302	EPI Lange's (15th Ed.), Assigned a water solubility value of 0	
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	50.94	Chemfinder										0	CRC 85th edition, considered insoluble	
Vanadium, Metallic	7440-62-2	50.94	EPI									0	CRC 85th edition, considered insoluble	
Vermolate	1929-77-7	203.35	EPI	0.0013	EPI (HenryWin)	0.952	CRC 87th edition					475.3	EPI (PCKOCWIN)	
Vinclozolin	50471-44-8	286.12	EPI	5.40E-07	EPI (HenryWin)	1.51	CRC 87th edition					289	EPI (PCKOCWIN)	
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)	
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)	
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)	
Warfarin	81-81-2	308.34	EPI	1.10E-07	EPI (HenryWin)							273.2	EPI (PCKOCWIN)	
Xylene, Mixture	1330-20-7	106.17	EPI	2.70E-01	EPI (HenryWin)							443.1	EPI (PCKOCWIN)	
Xylene, p-	106-42-3	106.17	EPI	2.80E-01	EPI (HenryWin)	0.8565	CRC 87th edition	6.80E-02	USEPA 1987	8.40E-06	USEPA 2001	434	EPI (PCKOCWIN)	
Xylene, m-	108-38-3	106.17	EPI	2.90E-01	EPI (HenryWin)	0.8598	CRC 87th edition	6.80E-02	USEPA 2001	8.40E-06	USEPA 2001	434	EPI (PCKOCWIN)	
Xylene, o-	95-47-6	106.17	EPI	2.10E-01	EPI (HenryWin)	0.8755	CRC 87th edition	6.90E-02	USEPA 2001	8.50E-06	USEPA 2001	443.1	EPI (PCKOCWIN)	
Zinc (Metallic)	7440-66-6	67.41	EPI									0	Lange's (15th Ed.), considered insoluble	
Zinc Phosphide	1314-84-7											0	Lange's (15th Ed.), reacts in water and/or decomposes.	
Zinc	12122-67-7	275.74	EPI	6.50E-09	EPI (HenryWin)							10		