

	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U
1	Last Updated 9/2005 Chemicals																		
2																			
3		CAS Number		MW (gms/mol)		Henry's Law Constant (atms-m ³ /mol)		Measured Koc (L/kg)		logKow		Solubility mg/L water		Air Diffusivity		Water Diffusivity		Melting Pt. (°C)	
4	Acenaphthene	83-32-9	s	154.20	t	1.55E-04	s	4.90E+03	s	3.92	s	4.24E+00	s	4.21E-02	s	7.69E-06	s	93.40	s
5	Acenaphthylene	208-96-8	t	152.20	t	1.13E-05	t	9.50E+02	t	4.07	t	1.61E+01	t	4.39E-02	d	7.50E-06	d	92.50	t
6	Acetone	67-64-1	s	58.08	t	3.88E-05	s	5.75E-01	s	-0.24	s	1.00E+06	s	1.24E-01	s	1.14E-05	s	-94.80	s
7	Acetonitrile	75-05-8	t	41.05	t	3.45E-05	t	1.60E+01	t	-0.34	t	1.00E+06	n	1.28E-01	n	1.26E-05	c	-45.00	t
8	Acetophenone	98-86-2	t	120.16	t	1.04E-05	t	1.00E+01	t	1.58	t	6.13E+03	t	6.00E-02	n	8.70E-06	n	20.50	t
9	Acetylaminofluorene, 2 -	53-96-3	t	223.26	t	1.92E-10	h	4.25E+02	t	3.22	t	1.44E+02	t	2.65E-02	d	6.00E-06	d	194.00	t
10	Acrolein	107-02-8	t	56.06	t	1.22E-04	t	3.00E+00	t	-0.01	t	2.12E+05	t	1.05E-01	n	1.22E-05	n	-88.00	t
11	Acrylonitrile	107-13-1	t	53.06	t	1.38E-04	t	3.30E+01	t	0.25	t	7.35E+04	t	1.08E-01	n	1.34E-05	n	-82.00	t
12	Aldrin	309-00-2	t	364.93	t	1.70E-04	s	4.87E+04	s	6.50	s	1.80E-01	s	1.32E-02	s	4.86E-06	s	104.00	s
13	Allyl Chloride	107-05-1	t	76.53	t	4.40E-01	t	2.25E+02	o	-0.24	t	3.60E+03	t	1.17E-01	d	1.08E-05	d	-134.50	t
14	Aluminum	7429-90-5	t	26.98	t			1.43E+01	o			insoluble	t					660.00	t
15	Aluminum Phosphide	20859-73-8	t	57.95	t			1.43E+01	o	-0.17	o	1.92E+05	o					2550.00	c
16	Aminobiphenyl, 4 -	92-67-1	t	169.24	t	1.50E-07	t	8.57E+02	t	2.80	t	8.42E+02	t	3.61E-02	d	7.60E-06	d	53.00	t
17	Aniline	62-53-3	t	93.12	t	2.02E-06	t	4.38E+01	t	0.90	t	3.60E+04	t	7.00E-02	d	8.30E-06	d	-6.30	t
18	Anthracene	120-12-7	s	178.24	t	6.50E-05	s	2.95E+04	s	4.55	s	4.34E-02	s	3.24E-02	s	7.74E-06	s	215.00	s
19	Antimony	7440-36-0	t	121.75	t	2.45E-02	p	1.43E+01	o	0.73	o	insoluble	t					630.00	t
20	Aroclor 1016	12674-11-2	t	257.90	g	2.30E-04	t	1.70E+04	t	4.38	t	9.06E-01	t	2.22E-02	o	5.42E-06	o	100.85	o
21	Aroclor 1221	11104-28-2	t	192.00	t	4.10E-04	t	6.31E+03	t	4.09	t	5.90E-01	t	1.75E-02	d	7.50E-06	g	1.00	t
22	Aroclor 1232	11141-16-5	t	221.00	t	3.10E-04	t	1.00E+04	t	4.54	t	1.45E+00	g	1.75E-02	d	7.20E-06	g	-35.50	g
23	Aroclor 1242	53469-21-9	t	261.00	t	3.10E-04	t	1.00E+04	t	4.11	t	7.03E-01	t	2.14E-02	o	5.31E-06	o	-18.89	t
24	Aroclor 1248	12672-29-6	t	288.00	t	1.60E-04	t	2.51E+04	t	6.20	t	1.70E-02	t	1.75E-02	d	6.60E-06	g	357.50	t
25	Aroclor 1254	11097-69-1	t	327.00	t	3.40E-04	t	4.25E+04	t	6.30	t	7.00E-02	t	1.56E-02	o	5.00E-06	o	10.00	g
26	Aroclor 1260	11096-82-5	t	375.70	t	7.40E-05	t	2.07E+05	o	6.80	t	2.70E-02	t	1.38E-02	o	4.32E-06	o	31.00	g
27	Arsenic, Inorganic	7440-38-2	t	74.92	t					0.68	o	insoluble	t					817.00	t
28	Barium and Compounds	7440-39-3	t	137.33	t					0.23	o							725.00	t
29	Benz(a)anthracene	56-55-3	s	228.29	t	3.35E-06	s	3.98E+05	s	5.70	s	9.40E-03	s	5.10E-02	s	9.00E-06	s	84.00	s
30	Benzene	71-43-2	s	78.12	t	5.55E-03	s	5.89E+01	s	2.13	s	1.75E+03	s	8.80E-02	s	9.80E-06	s	5.50	s
31	Benzidine	92-87-5	t	184.23	t	5.20E-11	t	2.27E+05	t	1.34	t	4.00E+02	t	3.40E-02	d	1.50E-05	d	120.00	h
32	Benzo(a)pyrene	50-32-8	s	252.32	t	1.13E-06	s	1.02E+06	s	6.11	s	1.62E-03	s	4.30E-02	s	9.00E-06	s	176.50	s
33	Benzo(b)fluoranthene	205-99-2	s	252.32	t	1.11E-04	s	1.23E+06	s	6.20	s	1.50E-03	s	2.26E-02	s	5.56E-06	s	168.00	s
34	Benzo(g,h,i)perylene	191-24-2	t	276.34	t	2.66E-07	t	9.60E+04	t	6.63	t	2.60E-04	t	2.03E-02	d	4.90E-06	g	277.00	t
35	Benzo(k)fluoranthene	207-08-9	s	252.32	t	8.29E-07	s	1.23E+06	s	6.20	s	8.00E-04	s	2.26E-02	s	5.56E-06	s	217.00	s
36	Benzoic Acid	65-85-0	t	122.13	t	1.54E-06	s	5.76E-01	s	1.86	s	3.50E+03	s	5.36E-02	s	7.97E-06	s	122.40	t
37	Benzyl Alcohol	100-51-6	t	108.14	t	3.10E-07	t	1.57E+01	o	1.10	t	4.29E+04	t	7.12E-02	d	9.00E-06	d	-15.20	t
38	Beryllium and Compounds	7440-41-7	t	9.01	t	1.54E-02	p			-0.57	o	insoluble	t					1287.00	t
39	Bis (2-chloro-1-methylethyl) Ether	108-60-1	t	171.07	t	7.40E-05	t	4.70E+01	t	2.48	t	1.70E+03	t	3.50E-02	a	6.80E-06	g	-99.30	t
40	Bis (2-chloroethoxy) Methane	111-91-1	t	173.05	t	3.90E-06	t	3.20E+01	t	0.75	t	8.10E+04	t	3.39E-02	d	7.20E-06	g	-32.80	t
41	Bis (2-chloroethyl) Ether	111-44-4	t	143.01	t	1.80E-05	s	1.55E+01	s	1.21	s	1.72E+04	s	6.92E-02	s	7.53E-06	s	-51.90	t
42	Bis(2-ethylhexyl)phthalate	117-81-7	s	390.56	t	1.02E-07	s	1.51E+07	s	7.30	s	3.40E-01	s	3.51E-02	s	3.66E-06	s	-55.00	s
43	Boron	7440-42-8	b	10.81	t							insoluble	p					2075.00	c
44	Bromobenzene	108-86-1	t	157.02	t	2.08E-03	t	2.68E+02	t	2.99	t	4.10E+02	t	7.00E-02	t	7.95E-06	t	-30.60	t
45	Bromodichloromethane	75-27-4	t	163.83	t	1.60E-03	s	5.50E+01	s	2.10	s	6.74E+03	s	2.98E-02	s	1.06E-05	s	-57.00	s
46	Bromoform (Tribromomethane)	75-25-2	t	252.73	t	5.35E-04	s	8.71E+01	s	2.35	s	3.10E+03	s	1.49E-02	s	1.03E-05	s	8.00	t
47	Bromophenyl phenyl ether, 4 -	101-55-3	t	249.11	t	1.20E-04	t	4.20E+03	t	4.94	o	1.45E+00	o	1.86E-02	d	6.30E-06	g	18.72	t
48	1,3-Butadiene	106-99-0	t	54.09	t	7.40E-02	t	2.88E+02	t	1.99	t	7.35E+02	t	9.80E-02	n	1.10E-05	n	-108.97	t
49	Butanol	71-36-3	t	74.12	t	8.81E-06	s	6.92E+00	s	0.85	s	7.40E+04	s	8.00E-02	s	9.30E-06	s	-89.50	t
50	Butyl benzene, n -	104-51-8	h	134.22	h	1.31E-02	n	2.83E+03	n	4.38	h	1.18E+01	h	7.50E-02	n	7.80E-06	n	-88.50	h

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1	Last Updated 9/2005 Chemicals	CAS Number		MW (gms/mol)		Henry's Law Constant (atms-m ³ /mol)		Measured Koc (L/kg)		logKow		Solubility mg/L water		Air Diffusivity		Water Diffusivity		Melting Pt. (°C)	
2																			
3																			
51	Butyl benzene, sec -	135-98-8	h	134.22	h	1.86E-02	n	2.15E+03	n	4.57	h	1.76E+01	h	7.50E-02	n	7.80E-06	n	-82.70	h
52	Butyl benzene, tert -	98-06-6	t	134.21	t	1.32E-02	n	2.20E+03	n	4.11	h	2.95E+01	t	5.58E-02	d	6.80E-06	g	-58.10	t
53	Butyl Benzyl Phthalate	85-68-7	s	312.39	t	1.26E-06	s	5.75E+04	s	4.84	s	2.69E+00	s	1.74E-02	s	4.83E-06	s	-35.00	s
54	Cadmium*	7440-43-9	t	112.41	t	3.08E-02	p			-0.07	o	insoluble	c					320.90	c
55	Calcium	7440-70-2	t	40.08	t													850.00	m
56	Carbazole	86-74-8	s	167.20	t	1.53E-08	s	3.39E+03	s	3.59	s	7.48E+00	s	3.90E-02	s	7.03E-06	s	246.20	s
57	Carbon Disulfide	75-15-0	s	76.14	t	3.03E-02	s	4.57E+01	s	2.00	s	1.19E+03	s	1.04E-01	s	1.00E-05	s	-115.00	s
58	Carbon Tetrachloride	56-23-5	s	153.24	t	3.04E-02	s	1.74E+02	s	2.73	s	7.93E+02	s	7.80E-02	s	8.80E-06	s	-23.00	s
59	Chlordane	57-74-9	s	409.80	t	4.86E-05	s	1.20E+05	s	6.32	s	5.60E-02	s	1.18E-02	s	4.37E-06	s	106.00	s
60	Chloro-1,3-butadiene, 2 -	126-99-8	t	88.54	t	5.60E-02	t	6.80E+01	t	2.06	t	7.40E+02	n	1.10E-01	n	1.10E-05	n	-130.00	t
61	Chloro-3-methylphenol, 4 -	59-50-7	t	142.58	t	2.45E-06	t	4.90E+02	t	3.10	t	3.39E+02	t			7.10E-06	g	67.00	t
62	Chloroaniline, p-	106-47-8	t	127.57	t	3.31E-07	s	6.61E+01	s	1.85	s	5.30E+03	s	4.83E-02	s	1.01E-05	s	72.50	t
63	Chlorobenzene	108-90-7	s	112.56	t	3.70E-03	s	2.19E+02	s	2.86	s	4.72E+02	s	7.30E-02	s	8.70E-06	s	-45.20	s
64	Chlorobenzilate	510-15-6	t	325.19	t	7.20E-08	t	1.10E+03	t	4.74	t	1.00E+01	t	1.41E-02	d	5.80E-06	d	36-37.5	t
65	Chloroethane (Ethyl Chloride)	75-00-3	t	64.51	t	1.11E-02	t	2.40E+01	t	1.43	t	5.74E+03	t	1.04E-01	n	1.15E-05	n	-138.70	t
66	Chloroform	67-66-3	s	119.39	t	3.67E-03	s	3.98E+01	s	1.92	s	7.92E+03	s	1.04E-01	s	1.00E-05	s	-63.60	s
67	Chloromethane	74-87-3	t	50.49	t	8.82E-03	t	1.40E+01	t	0.91	t	5.32E+03	t	1.09E-01	n	6.90E-06	n	-97.00	t
68	Chloronaphthalene, 2 -	91-58-7	t	162.61	t	3.20E-04	t	3.00E+03	t	3.95	n	1.17E+01	n	3.47E-02	n	8.80E-06	n	59.50	t
69	Chlorophenol, 2-	95-57-8	t	128.56	t	3.91E-04	s	3.88E+02	s	2.15	s	2.20E+04	s	5.01E-02	s	9.46E-06	s	9.80	t
70	Chlorophenyl phenyl ether, 4 -	7005-72-3	t	204.65	t	8.40E-04	t	2.04E+03	t	4.08	t	3.30E+00	t	2.75E-02	d	6.40E-06	g	-8.00	t
71	Chlorotoluene, 2 -	95-49-8	t	126.60	t	3.57E-03	t	4.43E+02	o	3.42	t	3.74E+02	t					-35.59	t
72	Chlorotoluene, 4 -	106-43-4	t	126.59	t	4.40E-03	t	3.40E+02	t	3.33	t	1.06E+02	t	5.50E-02	d	8.70E-06	d	7.50	t
73	Chromium (III)	16065-83-1	o	52.00	t							insoluble	t					1900.00	t
74	Chromium (VI)	18540-29-9	t	52.00	t							insoluble	t					1900.00	t
75	Chrysene	218-01-9	s	228.29	t	9.46E-05	s	3.98E+05	s	5.70	s	1.60E-03	s	2.48E-02	s	6.21E-06	s	258.20	s
76	Cobalt	7440-48-4	t	58.93	t					0.23	o	insoluble	t					1493.00	t
77	Copper	7440-50-8	t	63.55	t	2.45E-02	p			-0.57	o	insoluble	t					1083.00	t
78	Cyanide, Free	57-12-5	o	26.02	o	2.42E-02	p	2.71E+00	o	-0.25	o	1.00E+06	o	1.78E-01	a	8.37E-06	a	-13.40	o
79	Cyclohexane	110-82-7	t	84.16	c	1.50E-01	t	1.60E+02	t	3.44	c	5.50E+01	n	8.00E-02	n	9.00E-06	n	6.47	t
80	Cymene	25155-15-1	h	134.22	h	1.24E-02	h			4.10	h	2.34E+01	h	5.60E-02	d	7.30E-06	d	-64.00	h
81	Dalapon	75-99-0	t	142.97	m	6.30E-08	t	2.73E+00	o	0.78	u	5.02E+05	u	7.57E-02	a	3.57E-06	a	-5.00	o
82	Decabromodiphenyl ether	1163-19-5	t	959.17	t	1.20E-08	t	6.92E+05	t	5.24	o	1.00E-04	t					305.00	t
83	Dibenz(a,h)anthracene	53-70-3	s	278.33	t	1.47E-08	s	3.80E+06	s	6.69	s	2.49E-03	s	2.02E-02	s	5.18E-06	s	269.50	s
84	Dibenzofuran	132-64-9	t	168.19	t	2.10E-04	t	4.20E+03	t	4.12	t	4.22E+00	t	6.01E-02	n	1.00E-05	n	86.50	t
85	Dibromochloromethane	124-48-1	s	208.28	t	7.83E-04	s	6.31E+01	s	2.17	s	2.60E+03	s	1.96E-02	s	1.05E-05	s	-20.00	s
86	Dibromo-3-chloropropane, 1,2 -	96-12-8	t	236.36	t	1.50E-04	t	1.31E+02	o	2.96	t	1.23E+03	t	2.12E-02	d	7.00E-06	d	5.00	t
87	Dibromoethane, 1,2 -	106-93-4	t	187.86	t	6.50E-04	t	1.40E+01	t	1.96	t	3.91E+03	t	7.33E-02	n	8.06E-06	n	9.97	t
88	Dibromomethane	74-95-3	t	173.83	t	8.22E-04	t	2.40E+01	t	1.70	t	1.18E+04	t	3.18E-02	d	8.40E-06	d	-52.50	t
89	Dichloroacetic acid	79-43-6	t	128.94	f	6.80E-08	t	7.50E+01	t	9.20E-01	u	8.63E+04	v	7.98E-02	a	3.76E-06	a	13.50	t
90	Dichlorobenzene, 1,2 -	95-50-1	s	147.00	t	1.90E-03	s	6.17E+02	s	3.43	s	1.56E+02	s	6.90E-02	s	7.90E-06	s	-16.70	s
91	Dichlorobenzene, 1,3 -	541-73-1	t	147.00	t	2.83E-03	t	3.00E+02	t	3.53	t	1.25E+02	t	6.90E-02	n	7.90E-06	n	-24.80	t
92	Dichlorobenzene, 1,4 -	106-46-7	s	147.00	t	2.43E-03	s	6.17E+02	s	3.42	s	7.38E+01	s	6.90E-02	s	7.90E-06	s	52.70	s
93	Dichlorobenzidine, 3,3 -	91-94-1	s	253.13	t	4.00E-09	s	7.24E+02	s	3.51	s	3.11E+00	s	1.94E-02	s	6.74E-06	s	132.50	s
94	Dichloro-2-butene, trans-1,4 -	110-57-6	t	125.00	t	6.60E-04	t	2.15E+02	t	2.60	h	8.50E+02	t					2.00	t
95	Dichlorodifluoromethane	75-71-8	t	120.91	t	3.43E-01	t	3.56E+02	t	2.16	t	2.80E+02	t	8.00E-02	n	1.05E-05	n	-158.00	t
96	Dichlorodiphenyldichloroethane (DDD)	72-54-8	s	320.05	t	4.00E-06	s	1.00E+06	s	6.10	s	9.00E-02	s	1.69E-02	s	4.76E-06	s	109.50	s
97	Dichlorodiphenyldichloroethene (DDE)	72-55-9	s	318.00	t	2.10E-05	s	4.47E+06	s	6.76	s	1.20E-01	s	1.44E-02	s	5.87E-06	s	89.00	s

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98	Dichlorodiphenyltrichloroethane (DDT)	50-29-3	s	354.50	t	8.10E-06	s	2.63E+06	s	6.53	s	2.50E-02	s	1.37E-02	s	4.95E-06	s	108.50	s
99	Dichloroethane, 1,1 -	75-34-3	s	99.00	t	5.62E-03	s	3.16E+01	s	1.79	s	5.06E+03	s	7.42E-02	s	1.05E-05	s	-96.90	s
100	Dichloroethane, 1,2 -	107-06-2	s	99.00	t	9.79E-04	s	1.74E+01	s	1.47	s	8.52E+03	s	1.04E-01	s	9.90E-06	s	-35.50	s
101	Dichloroethene, 1,1 -	75-35-4	s	97.00	t	2.61E-02	s	5.89E+01	s	2.13	s	2.25E+03	s	9.00E-02	s	1.04E-05	s	-122.50	s
102	Dichloroethene, <i>cis</i> - 1,2	156-59-2	s	96.94	t	4.08E-03	s	3.55E+01	s	1.86	s	3.50E+03	s	7.36E-02	s	1.13E-05	s	-80.50	s
103	Dichloroethene, - 1,2 mixture	540-59-0	t	96.95	t	7.30E-03	t	2.90E+02	t	1.86	t	3.50E+03	o	9.20E-02	a	4.33E-06	a	-50.00	t
104	Dichloroethene, <i>trans</i> - 1,2 -	156-60-5	s	96.94	t	9.38E-03	s	5.25E+01	s	2.07	s	6.30E+03	s	7.07E-02	s	1.19E-05	s	-50.00	s
105	Dichlorophenol, 2,4 -	120-83-2	t	163.00	t	3.16E-06	s	1.47E+02	s	3.08	s	4.50E+03	s	3.46E-02	s	8.77E-06	s	45.00	t
106	Dichlorophenol, 2,6 -	87-65-0	t	163.00	t	2.70E-06	t	7.50E+02	t	2.75	t	2.65E+03	t	3.47E-02	d	8.80E-06	d	68.50	t
107	Dichlorophenoxyacetic acid, 2,4 -	94-75-7	t	221.04	t	8.60E-06	t	2.00E+01	t	2.81	t	6.77E+02	t	5.88E-02	d	6.50E-06	d	138.00	t
108	Dichloropropane, 1,2 -	78-87-5	s	112.99	t	2.80E-03	s	4.70E+01	s	1.97	s	2.80E+03	s	7.82E-02	s	8.73E-06	s	-70.00	s
109	Dichloropropene, 1,1 -	563-58-6	c	110.97	c	5.00E-02	h			2.53	h	7.49E+02	h						
110	Dichloropropene, 1,2 -	563-54-2	t	110.97	t	4.90E-03	t	5.70E+01	t	2.04	t	4.40E+03	t	3.95E-02	d	2.01E-05	d		
111	Dichloropropene, 1,3 -	542-75-6	s	110.98	t	1.77E-02	s	4.57E+01	s	2.00	s	2.80E+03	s	6.26E-02	s	1.00E-05	s	-48.00	h
112	Dieldrin	60-57-1	t	380.93	t	1.51E-05	s	2.14E+04	s	5.37	s	1.95E-01	s	1.25E-02	s	4.74E-06	s	175.50	t
113	Diethyl Phthalate	84-66-2	s	224.24	t	4.50E-07	s	2.88E+02	s	2.50	s	1.08E+03	s	2.56E-02	s	6.35E-06	s	-40.50	s
114	(Dimethylamino)azobenzene, p -	60-11-7	t	225.28	t	7.10E-09	t	7.39E+03	t	4.58	t	1.36E+01	t	2.68E-02	d	6.60E-06	d	117.00	g
115	Dimethylbenz(a)anthracene, 7,12 -	57-97-6	t	256.35	t	2.00E-06	t	2.36E+05	t	5.80	t	5.50E-02	t	4.61E-02	d	5.00E-06	d	123.50	t
116	Dimethylbenzidine, 3,3 -	119-93-7	t	212.28	t	6.30E-11	t	4.50E+02	t	2.34	t	1.30E+03	o	2.83E-02	d	6.20E-06	d	131.50	o
117	N,N-Dimethylformamide	68-12-2	t	73.09	t	7.40E-08	t	7.00E+00	t	-1.01	t	1.00E+06	o	9.39E-02	d	1.03E-05	d	-60.40	c
118	Dimethyl Phthalate	131-11-3	t	194.19	t	2.00E-07	t	8.00E+01	t	1.60	t	4.00E+03	t	5.68E-02	d	6.30E-06	d	5.50	t
119	Dimethylphenol, 2,4 -	105-67-9	s	122.17	t	2.00E-06	s	2.09E+02	s	2.36	s	7.87E+03	s	5.84E-02	s	8.69E-06	s	24.50	s
120	Di-n-butyl Phthalate	84-74-2	s	278.35	t	9.38E-10	s	3.39E+04	s	4.61	s	1.12E+01	s	4.38E-02	s	7.86E-06	s	-35.00	s
121	Dinitro-2-methylphenol, 4,6 -	534-52-1	t	198.13	t	1.40E-06	d	6.02E+02	o	2.56	t	1.30E+01	t	2.93E-02	d	6.90E-06	d	87.50	t
122	Dinitrobenzene, <i>meta</i> -	99-65-0	t	168.12	t	4.90E-08	t	1.50E+02	t	1.49	t	5.00E+02	t	2.79E-01	d	7.60E-06	d	90.00	o
123	Dinitrobenzene, <i>ortho</i> -	528-29-0	t	168.12	t	8.39E-08	h	2.25E+02	o	1.58	t	1.52E+02	t	6.98E-02	a	7.90E-06	g	118.00	t
124	Dinitrophenol, 2,4 -	51-28-5	t	184.11	t	4.43E-07	s	1.02E-02	s	1.55	s	2.79E+03	s	2.73E-02	d	9.10E-06	d	113.00	t
125	Dinitrotoluene, 2,4 -	121-14-2	s	182.14	t	9.26E-08	s	9.55E+01	s	2.01	s	2.70E+02	s	2.03E-01	s	7.06E-06	s	71.00	s
126	Dinitrotoluene, 2,6 -	606-20-2	s	182.14	t	7.47E-07	s	6.92E+01	s	1.87	s	1.82E+02	s	3.27E-02	s	7.26E-06	s	66.00	s
127	Di-n-octyl Phthalate	117-84-0	t	390.56	t	6.68E-05	s	6.10E+05	t	8.10	t	2.00E-02	t	1.51E-02	d	3.60E-06	d	-25.00	t
128	Dioxane, 1,4 -	123-91-1	t	88.10	t	4.80E-06	h	1.23E+00	t	-0.27	t	1.00E+06	h	2.29E-01	d	1.02E-05	d	11.80	t
129	Dioxin (2,3,7,8- TCDD)	1746-01-6	t	322.00	t	5.00E-05	t	2.40E+06	t	6.80	t	1.93E-05	t	1.26E-02	s	9.06E-06	s	305.00	o
130	Diphenylamine	122-39-4	t	169.22	t	2.70E-06	t	1.90E+03	t	3.50	o	5.30E+01	t	3.59E-02	d	7.63E-06	d	52.90	o
131	Endosulfan	115-29-7	t	406.93	t	1.12E-05	s	2.14E+03	s	4.10	s	5.10E-01	s	1.15E-02	s	4.55E-06	s	106.00	t
132	Endrin	72-20-8	s	380.93	t	7.52E-06	s	1.23E+04	s	5.06	s	2.50E-01	s	1.25E-02	s	4.74E-06	s	200.00	s
133	Ethylbenzene	100-41-4	s	106.20	t	7.88E-03	s	3.63E+02	s	3.14	s	1.69E+02	s	7.50E-02	s	7.80E-06	s	-95.00	s
134	Ethylene Glycol	107-21-1	t	62.07	t	6.00E-08	t	1.00E+00	t	-1.36	t	1.00E+06	o	1.08E-01	d	1.22E-05	d	-13.00	t
135	Ethyl methacrylate	97-63-2	t	114.14	t	4.00E-04	t	2.70E+02	t	1.94	t	5.40E+03	o	9.14E-02	n	8.60E-06	n	-75.00	t
136	Ethyl methanesulfonate	62-50-0	t	124.15	t	2.59E-07	h	2.70E+01	t	0.09	t	1.35E+05	h					-0.41	h
137	Fluoranthene	206-44-0	s	202.26	t	1.61E-05	s	1.07E+05	s	5.12	s	2.06E-01	s	3.02E-02	s	6.35E-06	s	107.80	s
138	Fluorene	86-73-7	s	166.21	t	6.36E-05	s	1.38E+04	s	4.21	s	1.98E+00	s	3.63E-02	s	7.88E-06	s	114.80	s
139	Fluorides, Soluble	7782-41-4	t	38.00	t			1.43E+01	o	0.22	o	1.69E+00	t	1.47E-01	a	6.92E-06	a	-219.61	t
140	Formaldehyde	50-00-0	t	30.03	t	3.40E-07	t	3.70E+01	t	0.35	t	4.00E+05	h	1.78E-01	d	1.98E-05	d	-92.00	t
141	Formic acid	64-18-6	t	46.02	t	1.67E-07	t	1.00E+00	o	-0.54	t	1.00E+06	h	7.90E-02	d	1.40E-06	d	8.40	t
142	Heptachlor	76-44-8	s	373.35	t	1.48E+00	s	1.41E+06	s	6.26	s	1.80E-01	s	1.12E-02	s	5.69E-06	s	95.50	s
143	Heptachlor Epoxide	1024-57-3	s	389.40	t	9.50E-06	s	8.32E+04	s	5.00	s	2.00E-01	s	1.32E-02	s	4.23E-06	s	160.00	s
144	Hexachlorobenzene	118-74-1	s	284.78	t	1.32E-03	s	5.50E+04	s	5.89	s	6.20E+00	s	5.42E-02	s	5.91E-06	s	231.80	s

	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U
1	Last Updated 9/2005 Chemicals	CAS Number		MW (gms/mol)		Henry's Law Constant (atms-m ³ /mol)		Measured Koc (L/kg)		logKow		Solubility mg/L water		Air Diffusivity		Water Diffusivity		Melting Pt. (°C)	
2																			
3																			
145	Hexachlorobutadiene	87-68-3	s	260.76	t	8.15E-03	s	5.37E+04	s	4.81	s	2.54E+00	t	5.61E-02	s	6.16E-06	s	-21.00	t
146	Hexachlorocyclohexane, alpha	319-84-6	t	290.85	t	1.06E-05	s	1.23E+03	s	3.80	s	2.00E+00	s	1.42E-02	s	7.34E-06	s	159.50	t
147	Hexachlorocyclohexane, beta	319-85-7	t	290.83	t	7.43E-07	s	1.26E+03	s	3.81	s	2.40E-01	s	1.42E-02	s	7.34E-06	s	112.50	o
148	Hexachlorocyclopentadiene	77-47-4	t	272.77	t	2.70E-02	s	2.00E+05	s	5.39	s	1.80E+00	s	1.61E-02	s	7.21E-06	s	-9.00	t
149	Hexachloroethane	67-72-1	s	236.74	t	3.89E-03	s	1.78E+03	s	4.00	s	5.00E+01	s	2.50E-03	s	6.80E-06	s	187.00	s
150	Hexachlorophene	70-30-4	t	406.92	t	5.48E-13	t	3.01E+05	t	6.91	t	1.40E+02	t					164.00	t
151	Hexane, <i>n</i> -	110-54-3	t	86.20	t	1.83E+00	t	1.50E+02	t	3.90	t	9.50E+00	h	2.00E-01	n	7.77E-06	n	-95.30	h
152	Hydrogen Sulfide	7783-06-4	t	34.08	t	2.30E-02	d	1.43E+01	o	-1.38		3.98E+03	t	1.76E-01	d	1.61E-05	d	-85.49	t
153	Indeno(1,2,3-c,d)pyrene	193-39-5	s	276.34	t	1.60E-06	s	3.47E+06	s	6.65	s	2.20E-05	s	1.90E-02	s	5.66E-06	s	161.50	s
154	Iron	7439-89-6	t	55.85	t							insoluble	p					1535.00	m
155	Isobutyl Alcohol	78-83-1	t	74.12	h	9.78E-06	t	6.20E+01	t	0.76	t	8.50E+04	h	9.00E-02	n	9.30E-06	n	-108.00	t
156	Isophorone	78-59-1	s	138.20	t	6.64E-06	s	4.68E+01	s	1.70	s	1.20E+04	s	6.23E-02	s	6.76E-06	s	-8.10	s
157	Isopropylbenzene (Cumene)	98-82-8	t	120.19	t	1.15E-02	t	8.20E+02	t	3.66	t	2.34E+01	t	7.50E-02	n	7.10E-06	n	-96.00	t
158	Isopropyltoluene, <i>p</i> - (p-Cymene)	99-87-6	t	134.22	t	1.10E-02	h	4.05E+03	t	4.10	t	2.34E+01	t	5.60E-02	d	7.30E-06	d	-68.90	t
159	Lindane	58-89-9	t	290.83	t	3.50E-06	t	1.08E+03	t	3.72	t	7.30E+00	t	1.42E-02	s	7.34E-06	s	112.50	t
160	Magnesium	7439-95-4	t	24.31	t					-0.57	o	3.25E+05	o					651.00	o
161	Manganese and compounds	7439-96-5	t	54.94	t					0.23	o	8.72E+04	o					1244.00	o
162	MCPA	94-74-6	t	200.62	o	4.80E-10	t	5.00E+01	t	3.25	o	6.30E+02	o	6.39E-02	a	3.01E-06	a	120.00	o
163	MCPP	93-65-2	t	214.65	o	1.82E-08	t	4.86E+01	o	3.13	o	8.60E+02	o	6.18E-02	a	2.91E-06	a	95.00	o
164	Mercury (Inorganic)	7439-97-6	t	271.52	t	1.14E-02	s			0.62	o	6.00E-02	t	3.07E-02	s	6.30E-06	s	276.00	t
165	Methacrylonitrile	126-98-7	t	67.09	t	2.47E-04	t	5.60E+01	t	0.68	t	2.54E+04	t	1.10E-01	n	1.34E-05	n	-35.80	t
166	Methanol	67-56-1	t	32.04	t	4.40E-06	t	1.00E+00	o	-0.77	t	1.00E+06	h	1.50E-01	d	1.64E-05	d	-97.80	t
167	Methapyrilene	91-80-5	t	261.38	t	2.74E-07	t	7.37E+02	t	2.74	t	8.79E+02	t	2.18E-02	d	5.38E-06	d	135.00	m
168	Methoxychlor	72-43-5	s	345.65	t	1.58E-05	s	9.77E+04	s	5.08	s	4.50E-02	s	1.56E-02	s	4.46E-02	s	87.00	s
169	Methyl Acetate	79-20-9	t	74.08	t	1.15E-04	t	3.00E+01	t	0.18	t	2.43E+05	t	1.03E-01	n	1.00E-05	n	-98.00	t
170	Methyl Bromide (Bromomethane)	74-83-9	t	94.95	t	6.24E-03	s	1.05E+01	s	1.19	s	1.52E+04	s	7.28E-02	s	1.21E-05	s	-93.66	t
171	Methyl Butyl Ketone (2-Hexanone)	591-78-6	t	100.16	t	9.30E-05	t	1.34E+02	t	1.38	t	1.64E+04	t			7.80E-06	g	-55.50	t
172	Methyl Ethyl Ketone	78-93-3	t	72.11	t	4.70E-05	t	2.90E+01	t	0.29	t	3.53E+05	t	8.95E-02	n	9.80E-06	n	-86.00	t
173	Methyl Iodide	74-88-4	t	141.94	t	5.26E-03	t	1.40E+01	t	1.51	t	1.39E+04	t	3.90E-02	d	1.04E-05	d	-66.50	t
174	Methylene Chloride (Dichloromethane)	75-09-2	s	84.93	h	2.19E-03	s	1.17E+01	s	1.25	s	1.30E+04	s	1.01E-01	s	1.17E-05	s	-95.10	s
175	Methyl Isobutyl Ketone	108-10-1	t	100.16	t	1.38E-04	t	1.23E+02	t	1.31	t	1.90E+04	t	7.50E-02	d	7.80E-06	d	-85.00	t
176	Methyl Isocyanate	624-83-9	t	57.06	t	9.26E-04	h			1.54	h	1.00E+05	t	1.65E-01	d	1.45E-05	d	-45.00	t
177	Methyl <i>tert</i> - Butyl Ether	1634-04-4	t	88.15	t	5.87E-04	t	6.00E+00	t	0.94	t	5.10E+04	t	1.02E-01	d	1.05E-05	d	-108.60	t
178	Methylcyclohexane	108-87-2	t	98.19	c	9.79E-01	d	2.20E+03	n	3.61	o	1.40E+01	n	7.00E-02	n	9.00E-06	n	-126.60	c
179	Methylmercury	22967-92-6	t	215.63	t	3.67E-07	t	2.52E+00	s	0.41	t	3.13E+04	o					-60.49	o
180	Methyl methacrylate	80-62-6	t	100.12	t	3.20E-04	t	9.50E+01	t	1.38	t	1.59E+04	t	7.70E-02	n	8.60E-06	n	-48.00	t
181	Methyl methanesulfonate	66-27-3	t	110.13	t	4.03E-06	t	1.00E+01	t	-0.66	h	2.00E+05	t	6.85E-02	d	9.03E-06	d	20.00	t
182	Methylnaphthalene, 1 -	90-12-0	t	142.20	t	5.14E-04	t	2.30E+03	t	3.87	t	2.58E+01	t	4.80E-02	d	7.80E-06	d	-22.00	t
183	Methylnaphthalene, 2 -	91-57-6	t	142.20	t	5.18E-04	t	4.40E+03	t	3.86	t	2.46E+01	h	4.80E-02	d	7.80E-06	d	34.60	t
184	Methylphenol, 2- (o-cresol)	95-48-7	t	108.14	t	1.20E-06	s	9.12E+01	s	1.99	s	2.60E+04	s	7.40E-02	s	8.30E-06	s	191.50	t
185	Methylphenol, 3 - (meta-cresol)	108-39-4	t	108.14	t	8.70E-07	t	4.34E+02	o	1.96	t	2.27E+04	t	7.40E-02	d	1.00E-05	d	11.50	t
186	Methylphenol, 4 - (<i>para</i> -cresol)	106-44-5	t	108.14	t	1.00E-06	t	4.34E+02	o	1.94	t	2.50E+04	t	7.40E-02	d	1.00E-05	d	35.50	t
187	Mirex	2385-85-5	t	545.55	o	5.16E-04	t	2.40E+07	t	5.28	t	8.50E-02	o	3.88E-02	a	1.83E-06	a	485.00	c
188	Naphthalene	91-20-3	s	128.16	t	4.83E-04	s	2.00E+03	s	3.36	s	3.10E+01	s	5.90E-02	s	7.50E-06	s	80.20	s
189	Naphthoquinone, 1,4 -	130-15-4	t	158.15	t	1.97E-09	t	2.00E+02	t	1.71	t	6.68E+02	h	3.60E-02	d	8.98E-06	d	126.00	t
190	Naphthylamine, 1 -	134-32-7	t	143.18	t	1.27E-10	g	2.69E+03	t	168.49	t	1.70E+03	t	4.51E-02	d	8.40E-06	d	50.00	t
191	Naphthylamine, 2 -	91-59-8	t	143.18	t	3.52E-08	d	6.26E+01	t	2.17	t	6.40E+00	u	4.51E-02	d	8.40E-06	d	109.50	t
192	Nickel (Soluble Salts)	Various						1.43E+01	o			4.22E+05	o						

	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U
1	Last Updated 9/2005 Chemicals					Henry's Law Constant (atms-m ³ /mol)		Measured Koc (L/kg)						Air Diffusivity		Water Diffusivity		Melting Pt. (°C)	
2		CAS Number		MW (gms/mol)						logKow		Solubility mg/L water							
3																			
193	Nickel Refinery Dust		t	58.70	t					-0.57	o	insoluble	t					1455.00	t
194	Nitroaniline, 2 -	88-74-4	t	138.14	t	1.81E-08	t	5.27E+01	o	1.85	t	1.47E+03	t	4.73E-02	o	7.80E-06	g	70.00	t
195	Nitroaniline, 3 -	99-09-2	t	138.12	t	7.20E-09	t	5.16E+01	o	1.37	t	9.10E+02	t			7.80E-06	g	114.00	t
196	Nitroaniline, 4 -	100-01-6	t	138.12	t	1.81E-08	t	7.52E+01	t	1.39	t	6.00E+02	t	4.73E-02	d	8.60E-06	d	146.00	t
197	Nitrobenzene	98-95-3	s	123.11	t	2.40E-05	s	6.46E+01	s	1.84	s	2.09E+03	s	7.60E-02	s	8.60E-06	s	5.70	s
198	Nitro-o-toluidine, 5 -	99-55-8	t	152.16	t	1.77E-08	h	2.77E+02	t	1.96	t	1.88E+03	o					105.50	o
199	Nitrophenol, 2 -	88-75-5	t	139.11	t	1.30E-05	t	3.20E+01	t	1.79	t	2.19E+03	t	4.69E-02	d	8.50E-06	d	45.00	c
200	Nitrophenol, 4 -	100-02-7	t	139.11	t	1.30E-08	t	1.70E+00	t	1.91	t	1.60E+04	t	4.30E-02	d	9.60E-06	d	113.50	t
201	Nitroquinoline-1-oxide, 4 -	56-57-5	t	190.17	t	2.72E-14	h			1.09	h	2.34E+03	h					154.00	t
202	Nitrosodiphenylamine, <i>n</i> -	86-30-6	s	198.23	t	5.00E-06	s	1.29E+03	s	3.16	s	3.51E+01	s	3.12E-02	s	6.35E-06	s	66.50	s
203	N-nitrosodi-n-butylamine	924-16-3	t	158.24	n	5.10E-06	t	1.65E+03	o	1.92	t	1.20E+04	t					28.17	o
204	N-nitrosodiethylamine	55-18-5	t	102.14	t	5.10E-06	t	2.63E+02	t	0.48	t	1.00E+05	t	6.48E-02	o	9.13E-06	o	-15.60	o
205	N-nitrosodimethylamine	62-75-9	t	74.08	t	1.82E-06	t	1.20E+01	t	-0.57	t	1.00E+06	o	1.13E-01	d	1.24E-05	d	-39.07	o
206	N-nitrosodi-n-propylamine	621-64-7	t	130.22	t	2.25E-06	s	2.40E+01	s	1.40	s	9.89E+03	s	5.45E-02	s	8.17E-06	s	6.81	o
207	N-nitrosomethylethylamine	10595-95-6	t	88.13	t	1.40E-06	t	2.50E+01	t	0.04	t	3.00E+05	t					-27.21	o
208	N-nitrosomorpholine	59-89-2	t	116.12	t	2.45E-08	t	1.70E+01	t	-0.44	t			5.90E-02	d	1.00E-05	d	29.00	t
209	N-nitrosopiperidine	100-75-4	t	114.15	t	2.80E-07	t	3.70E+01	t	0.36	t	7.65E+04	t						
210	N-nitrosopyrrolidine	930-55-2	t	100.12	t	4.89E-08	t	1.90E+01	t	-0.19	t	1.00E+06	o	7.81E-02	d	9.57E-06	d	-3.09	o
211	Octabromodiphenyl ether	32536-52-0	t	801.38	o	7.50E-08	t	8.30E+05	t	10.33	o	1.11E-08	o					225.82	o
212	Octyl Phthalate, di(<i>n</i>) -	117-84-0	s	390.56	t	6.68E-05	s	8.32E+07	s	8.06	s	2.00E-02	s	1.51E-02	s	3.58E-06	s	-30.00	s
213	Parathion	56-38-2	t	291.29	o	2.98E-07	t	1.78E+03	o	3.81	v	2.00E+01	m	1.70E-02	d	5.80E-06	d	6.10	c
214	Pentabromodiphenyl ether	32534-81-9	t	564.69	o	2.20E-05	t	3.05E+04	o	7.66	o	7.68E-05	o					182.80	o
215	Pentachlorobenzene	608-93-5	t	250.34	t	7.10E-04	t	3.16E+03	t	5.18	t	1.33E+00	t	5.70E-02	d	6.30E-06	d	86.00	t
216	Pentachloroethane	76-01-7	t	202.29	t	2.50E-03	c			2.89	c	5.00E+02	t	6.60E-02	d	7.30E-06	d	-29.00	t
217	Pentachloronitrobenzene	82-68-8	t	295.34	t	3.50E-05	t	2.00E+04	t	4.22	t	5.50E-01	t	1.59E-02	d	6.10E-06	d	144.00	t
218	Pentachlorophenol	87-86-5	s	266.34	t	2.44E-08	s	5.92E+02	s	5.09	s	1.95E+03	s	5.60E-02	s	6.10E-06	s	174.00	s
219	Phenacetin	62-44-2	t	179.21	t	1.40E-06	t	1.39E+02	t	1.58	t	5.30E+02	t					134.00	m
220	Phenanthrene	85-01-8	t	178.22	t	1.24E-04	t	2.29E+04	t	4.57	t	1.15E+00	h	3.33E-02	d	5.90E-06	d	101.00	t
221	Phenol	108-95-2	s	94.10	t	3.97E-07	s	2.88E+01	s	1.48	s	8.28E+04	s	8.20E-02	s	9.10E-06	s	40.90	s
222	Phentermine	122-09-8	t	149.23	t	1.43E-06	h			1.90	h	1.86E+04	h						
223	Phenylenediamine, 1,4 -	106-50-3	t	108.14	t	6.70E-10	t	1.60E+01	t	-0.25	t	3.80E+04	t	6.62E-02	d	9.90E-06	d	146.00	o
224	Phorate	298-02-2	t	260.38	t	4.40E-06	t	1.52E+03	t	3.92	t	5.00E+01	t	2.19E-02	d	5.39E-06	d	-42.90	t
225	Picoline, 2 -	109-06-8	t	93.13	t	9.96E-06	t	9.60E+01	t	1.11	t	1.00E+06	h	8.79E-02	d	9.75E-06	d	-70.00	t
226	Polybrominated Biphenyls	67774-32-7	t																
227	Polychlorinated Biphenyls	1336-36-3	s	291.99	t	7.36E-04	t	3.09E+05	s	5.58	s	7.00E-01	s	1.60E-02	d	6.26E-06	d	122.32	o
228	Potassium	7440-09-7	t	39.10	t													63.38	c
229	Pronamide	23950-58-5	t	256.13	t	1.90E-06	t	4.27E+02	t	3.43	t	1.50E+01	t					155.00	m
230	Propionitrile	107-12-0	t	55.08	t	3.70E-05	t	2.90E+01	t	0.16	t	1.03E+05	t	1.83E-01	d	1.36E-05	d	-91.80	t
231	Propylamine, <i>n</i> -	107-10-8	t	59.11	t	1.48E-05	t	4.30E+01	t	0.48	t	1.00E+06	t					-83.00	t
232	Propylbenzene, <i>n</i> -	103-65-1	t	120.19	t	1.05E-02	t	6.76E+02	t	3.57	t	2.34E+01	t	6.50E-02	d	7.80E-06	d	-99.20	t
233	Pyrene	129-00-0	s	202.30	t	1.10E-05	s	1.05E+05	s	5.11	s	1.35E-01	s	2.72E-02	s	7.24E-06	s	151.20	s
234	Pyridine	110-86-1	t	79.10	t	1.10E-05	t	5.00E+01	t	0.62	t	1.00E+06	o	9.10E-02	d	7.60E-06	d	-41.60	t
235	Quinoline	91-22-5	t	129.16	t	1.70E-06	t	2.84E+00	t	2.03	t	6.00E+05	t	5.46E-02	t	8.30E-06	t	-15.00	t
236	Safole	94-59-7	t	162.18	t	9.00E-06	t	3.00E+02	t	3.45	h	1.21E+02	h	4.06E-02	d	7.16E-06	d	11.20	t
237	Selenium and Compounds	7782-49-2	t	78.96	t	9.74E-03	p			0.24	o	insoluble	t					221.00	t
238	Silver	7440-22-4	t	107.87	t					0.23	o	insoluble	t					960.50	t
239	Silver Cyanide	506-64-9	t	133.90	t			4.50E+00	o			2.30E-01	t					320.00	t
240	Silvex (2,4,5 TP)	93-72-1	t	269.51	t	9.06E-09	h	2.60E+03	t	3.80	t	1.40E+02	t	1.94E-02	d	5.80E-06	d	181.60	t
241	Styrene	100-42-5	s	104.20	t	2.75E-03	s	7.76E+02	s	2.94	s	3.10E+02	s	7.10E-02	s	8.00E-06	s	-30.50	s
242	Tetrachlorobenzene, 1,2,4,5 -	95-94-3	t	215.89	t	1.00E-03	t	1.59E+03	t	4.60	t	5.95E-01	t	2.11E-02	d	8.80E-06	d	139.50	t

	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U
1	<i>Last Updated 9/2005</i> Chemicals					Henry's Law Constant (atms-m ³ /mol)		Measured Koc (L/kg)				Solubility mg/L water		Air Diffusivity		Water Diffusivity		Melting Pt. (°C)	
2		CAS Number		MW (gms/mol)						logKow									
3																			
243	Tetrachloroethane , 1,1,1,2 -	630-20-6	h	167.85	h	2.70E-03	t	3.99E+02	t	2.93	h	1.10E+03	h	7.10E-02	n	7.90E-06	n	-68.70	h
244	Tetrachloroethane, 1,1,2,2 -	79-34-5	s	167.85	t	3.45E-04	s	9.93E+01	s	2.39	s	2.97E+03	s	7.10E-02	s	7.90E-06	s	-43.80	s
245	Tetrachloroethene	127-18-4	s	165.80	t	1.84E-02	s	1.55E+02	s	2.67	s	2.00E+02	s	7.20E-02	s	8.20E-06	s	-22.30	s
246	Tetrachlorophenol, 2,3,4,6 -	58-90-2	t	231.89	t	1.30E-06	t	6.30E+03	t	4.45	t	1.00E+02	t	2.17E-02	d	7.10E-06	d	70.00	t
247	Tetrahydrofuran	109-99-9	t	72.11	t	7.10E-05	t	1.80E+01	t	0.46	t	3.00E+05	t	9.80E-02	d	1.05E-05	d	-108.50	t
248	Thallium	7440-28-0	t	204.38	t					0.23	o	insoluble	t					304.00	t
249	Tin	7440-31-5	t	118.69	t					1.29	o	insoluble	t					231.90	t
250	Toluene	108-88-3	s	92.10	t	6.64E-03	s	1.82E+02	s	2.75	s	5.26E+02	s	8.70E-02	s	8.60E-06	s	-95.00	s
251	Toluidine, o -	95-53-4	t	107.16	t	2.20E-06	t	2.50E+02	t	1.32	t	1.66E+04	t	7.14E-02	t	9.12E-06	t	-19.20	t
252	Toxaphene	8001-35-2	s	414.00	t	6.00E-06	s	2.57E+05	s	5.50	s	7.40E-01	s	1.16E-02	s	4.34E-06	s	65-90	s
253	Trichlorobenzene, 1,2,3 -	87-61-6	t	181.45	t	1.20E-03	t	1.93E+03	t	4.05	t	1.80E+01	t	3.00E-02	d	8.20E-06	d	53.50	t
254	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	t	187.38	o	5.30E-01	t	3.16E+02	t	3.16	o	1.70E+02	o	2.88E-02	o	8.07E-06	o	-35.00	o
255	Trichlorobenzene, 1,2,4 -	120-82-1	t	181.45	t	1.42E-03	s	1.78E+03	s	4.01	s	3.00E-02	s	3.00E-02	s	8.23E-06	s	17.00	t
256	Trichloroethane, 1,1,1 -	71-55-6	s	133.42	t	1.72E-02	s	1.10E+02	s	2.48	s	1.33E+03	s	7.80E-02	s	8.80E-06	s	-30.40	s
257	Trichloroethane, 1,1,2 -	79-00-5	s	133.42	t	9.13E-04	s	5.01E+01	s	2.05	s	4.42E+03	s	7.80E-02	s	8.80E-06	s	-36.60	s
258	Trichloroethene	79-01-6	s	131.40	t	1.03E-02	s	1.66E+02	s	2.71	s	1.10E+03	s	7.90E-02	s	9.10E-06	s	-84.70	s
259	Trichlorofluoromethane	75-69-4	t	137.38	t	9.70E-02	t	9.70E+01	t	2.53	t	1.00E+03	t	8.70E-02	n	1.30E-05	n	-111.00	t
260	Trichlorophenol, 2,4,5 -	95-95-4	s	197.45	t	4.33E-06	s	1.60E+03	s	3.90	s	1.20E+03	s	2.91E-02	s	7.03E-06	s	69.00	s
261	Trichlorophenol, 2,4,6 -	88-06-2	s	197.45	t	7.79E-06	s	3.81E+02	s	3.70	s	8.00E+02	s	3.18E-02	s	6.25E-06	s	69.00	s
262	Trichlorophenoxyacetic acid, 2,4,5 -	93-76-5	t	255.49	t	9.40E-11	t	1.86E+02	t	4.00	t	2.68E+02	t	1.92E-02	o	6.70E-06	o	153.00	t
263	Trichloropropane, 1,2,3 -	96-18-4	t	147.43	t	3.43E-04	t	7.70E+01	t	2.27	t	1.75E+03	t	7.10E-02	n	7.90E-06	n	-14.70	t
264	Triethylamine	121-44-8	t	101.19	o	1.49E-04	t	1.07E+02	o	1.45	t	7.37E+04	o	8.81E-02	o	7.88E-06	o	-115.00	t
265	Trimethylbenzene, 1,2,4	95-63-6	t	120.20	t	6.16E-03	t	7.20E+02	t	3.78	t	5.70E+01	t	7.50E-02	n	7.10E-06	n	-43.80	t
266	Trimethylbenzene, 1,3,5	108-67-8	t	120.19	t	8.77E-03	t	6.60E+02	t	3.42	t	4.82E+01	t	7.50E-02	n	7.10E-06	n	-44.80	t
267	Trinitrobenzene, 1,3,5 -	99-35-4	t	213.11	t	3.08E-09	t	1.04E+02	t	1.10	t	3.50E+02	t	2.20E-02	d	8.53E-06	d	122.50	t
268	Vanadium and Compounds	7440-62-2	t	50.94	t							insoluble	t					1917.00	t
269	Vinyl Acetate	108-05-04	s	86.09	t	5.11E-04	s	5.25E+00	s	0.73	s	2.00E+04	s	8.50E-02	s	9.20E-06	s	-93.20	s
270	Vinyl Chloride	75-01-4	s	62.50	t	2.70E-02	s	1.86E+01	s	1.50	s	2.76E+03	s	1.06E-01	s	1.23E-06	s	-153.70	s
271	Xylene, m-	108-38-3	t	106.17	t	7.34E-03	s	4.07E+02	s	3.20	s	1.61E+02	s	7.00E-02	s	7.80E-06	s	-47.40	t
272	Xylene, o-	95-47-6	t	106.16	t	5.19E-03	s	3.63E+02	s	3.13	s	1.78E+02	s	8.70E-02	s	1.00E-05	s	-25.00	t
273	Xylene, p-	106-42-3	t	106.16	t	7.66E-03	s	3.89E+02	s	3.17	s	1.85E+02	s	7.69E-02	s	8.44E-06	s	13.20	s
274	Xylenes, Total	1330-20-7	t	106.20	t	7.00E-03	t	4.10E+02	n	3.17	t	1.75E+02	l	7.14E-02	d	9.30E-06	d	-25.20	o
275	Zinc and Compounds	7440-66-6	t	65.38	t	2.45E-02	p			-0.47	o	insoluble	t					420.00	t

276

277 Please Note: Values visible may not reflect all of the significant figures present

278 * The oral RfD for water for cadmium is 5E-4. For soil the RfD is 1E-3.

279 a = calculated

280 b = Pennsylvania's Department of Environmental Protection Land Recycling Program Chemical and Physical Properties Database (www.dep.state.pa.us/physicalproperties)

281 c = *CRC Handbook of Chemistry and Physics*, D. Lide, 76th Edition

282 d = Water9 (update of Chemdat8) & supplemental information from USEPA Air Emissions Models for Waste and Wastewater (www.epa.gov/ttn/chief/software/water/)

283 g = *Groundwater Chemicals Desk Reference*, J. Montgomery, 3rd Edition, 2000

284 h = *Handbook of Physical Properties of Organic Chemicals*, P. Howard and W. Meylan

285 Health Canada = (www.hc-sc.gc.ca/hecs-sesc/exsd/publications/tumorigenic_doses/chap3.htm)

286 HEAST = Health Effects Assessment Summary Table

287 Iris = USEPA Integrated Risk Information System (www.epa.gov/iriswebp/iris/index.html)

288 k = National Institute of Standards and Technology (NIST) Chemistry WebBook (<http://webbook.nist.gov/chemistry/>)

289 l = *Handbook of Chemical Property Estimation Methods*, W. Lyman, et. Al.

290 m = Merck Index: An Encyclopedia of Drugs, Chemicals, and Biologicals, S.Budavari, 12th Edition

291 n = USEPA Region IX's physical values (www.epa.gov/region09/waste/sfund/prg/index.htm)

	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U
1	Last Updated 9/2005 Chemicals	CAS Number	MW (gms/mol)	Henry's Law Constant (atms-m ³ /mol)	Measured Koc (L/kg)	logKow	Solubility mg/L water	Air Diffusivity	Water Diffusivity	Melting Pt. (°C)									
2																			
3																			
292	NCEA = National Center for Environmental Assessment (http://cfpub.epa.gov/ncea/) & (http://hhpprtv.ornl.gov/)																		
293	o = Oak Ridge National Laboratory: Risk Assessment Information System (http://risk.lsd.ornl.gov/index.shtml)																		
294	p = <i>Perry's Chemical Engineers' Handbook</i> , R. Perry, 6th Edition																		
295	s = USEPA Soil Screening Guidance (www.epa.gov/superfund/resources/soil/index.htm)																		
296	t = Toxnet - National Library of Medicine (http://toxnet.nlm.nih.gov/index.html)																		
297	u = <i>Illustrated Handbook of Physical-Chemical Properties and Environmental Fate for Organic Chemicals</i> , D. Mackay, et. Al., Vol. II																		
298	v = <i>Environmental Data on Organic Chemicals</i> , K. Verschueren, 3rd Edition																		