

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	RfC Inhalation Reference Concentration (mg/m ³)	S o u r c e	RfDi Inhalation Reference Dose (mg/kg-day)	IUR Inhalation Unit Risk (μg/m ³) ⁻¹	S o u r c e	CPF _i Inhalation Cancer Potency Factor (kg-day/mg)	RfD _o Oral Reference Dose (mg/kg-day)	S o u r c e	CPF _o Oral Cancer Potency Factor (kg-day/mg)	S o u r c e	S (Aqueous Solubility) (mg/L)	Ref. ORNL RAIS (unless noted)	BCF (Bioconcentration Factor) see WAC 173-340-708(9) (L/kg)
83-32-9	PAHs	acenaphthene								6.00E-02	I			4.24E+00	1996 SSL	2.42E+02
30560-19-1	Pesticides	acephate								1.20E-03	O			8.18E+05		
75-07-0	VOCs	acetaldehyde		9.00E-03	I	2.57E-03	2.20E-06	I	7.70E-03					1.00E+06		
34256-82-1	Pesticides	acetochlor								2.00E-02	I			2.23E+02		
67-64-1	VOCs	acetone		3.10E+01	A	8.86E+00				9.00E-01	I			1.00E+06	1996 SSL	
75-86-5	VOCs	acetone cyanohydrin		2.00E-03	X	5.71E-04								1.00E+06		
75-05-8	VOCs	acetonitrile		6.00E-02	I	1.71E-02				1.00E-01	I			1.00E+06		
98-86-2	SVOCs	acetophenone								1.30E-02	I			6.13E+03		
62476-59-9	Herbicides	acifluorfen, sodium												2.50E+05		
107-02-8	VOCs	acrolein		2.00E-05	I	5.71E-06				5.00E-04	I			2.12E+05		
79-06-1	VOCs	acrylamide		6.00E-03	I	1.71E-03	1.00E-04	I-M	3.50E-01	2.00E-03	I	5.00E-01	I-M	3.90E+05		
79-10-7	VOCs	acrylic acid		1.00E-03	I	2.86E-04				5.00E-01	I			1.00E+06		
107-13-1	VOCs	acrylonitrile		2.00E-03	I	5.71E-04	6.80E-05	I	2.38E-01	4.00E-02	A	5.40E-01	I	7.45E+04		3.00E+01
15972-60-8	Pesticides	alachlor								1.00E-02	I	5.60E-02	C	2.40E+02		
1596-84-5	Pesticides	alar					5.10E-06	C	1.79E-02	1.50E-01	I	1.80E-02	C	1.00E+05		
116-06-3	Pesticides (Carbamate)	aldicarb								1.00E-03	I			6.03E+03		
1646-88-4	Pesticides (Carbamate)	aldicarb sulfone								1.00E-03	I			1.00E+04		
309-00-2	Pesticides	aldrin					4.90E-03	I	1.72E+01	3.00E-05	I	1.70E+01	I	1.80E-01	1996 SSL	4.67E+03
74223-64-6	Pesticides	ally								2.50E-01	I			9.50E+03		
107-18-6	VOCs	allyl alcohol		1.00E-04	X	2.86E-05				5.00E-03	I			1.00E+06		
107-05-1	VOCs	allyl chloride		1.00E-03	I	2.86E-04	6.00E-06	C	2.10E-02			2.10E-02	C	3.37E+03		
7429-90-5	Metals	aluminum		5.00E-03	P	1.43E-03				1.00E+00	P					
20859-73-8	Metal compounds	aluminum phosphide								4.00E-04	I					
67485-29-4	Pesticides	amdro								1.70E-02	O			6.00E-03		
834-12-8	Pesticides	ametryn								9.00E-03	I			2.09E+02		
92-67-1	SVOCs	aminobiphenyl;4-					6.00E-03	C	2.10E+01			2.10E+01	C	2.24E+02		
591-27-5	Phenols	aminophenol;m-								8.00E-02	P			2.70E+04		
33089-61-1	Pesticides	amitraz								2.50E-03	I			1.00E+00		
7664-41-7	Nutrients	AMMONIA	AMMONIA NOTES	5.00E-01	I	1.43E-01								4.82E+05		
7790-98-9	Perchlorates	ammonium perchlorate								7.00E-04	I			2.45E+05		
7773-06-0	Pesticides	ammonium sulfamate								2.00E-01	I			1.34E+06		
62-53-3	SVOCs	aniline		1.00E-03	I	2.86E-04	1.60E-06	C	5.60E-03	7.00E-03	P	5.70E-03	I	3.60E+04		
120-12-7	PAHs	anthracene								3.00E-01	I			4.34E-02	1996 SSL	3.00E+01
7440-36-0	Metals	antimony		3.00E-04	A	8.57E-05				4.00E-04	I					1.00E+00
1314-60-9	Metal compounds	antimony pentoxide								5.00E-04	H			3.00E+03		
28300-74-5	Metal compounds	antimony potassium tartrate								9.00E-04	H			5.26E+04		
1332-81-6	Metal compounds	antimony tetroxide								4.00E-04	H					
1309-64-4	Metal compounds	antimony trioxide		2.00E-04	I	5.71E-05										
74115-24-5	Pesticides	apollo								1.30E-02	I			1.00E+00		
140-57-8	SVOCs	aramite					7.10E-06	I	2.49E-02	5.00E-02	H	2.50E-02	I	5.90E-01		
12674-11-2	PCBs	aroclor 1016					2.00E-05	S	7.00E-02	7.00E-05	I	7.00E-02	S	4.20E-01		3.12E+04
11097-69-1	PCBs	aroclor 1254					5.70E-04	S	2.00E+00	2.00E-05	I	2.00E+00	S	4.30E-02		3.12E+04
11096-82-5	PCBs	aroclor 1260					5.70E-04	S	2.00E+00			2.00E+00	S	1.44E-02		
7440-38-2	Metals	arsenic, inorganic		1.50E-05	C	4.29E-06	4.30E-03	I	1.51E+01	3.00E-04	I	1.50E+00	I			4.40E+01
7784-42-1	Gases	arsine		5.00E-05	I	1.43E-05				3.50E-06	C			2.00E+05		
1332-21-4	Fibers	ASBESTOS	ASBESTOS NOTE				2.30E-01	I								
76578-14-8	Pesticides	assure								9.00E-03	I			3.00E-01		
3337-71-1	Pesticides	asulam								3.60E-02	O			5.00E+03		
1912-24-9	Pesticides	atrazine								3.50E-02	I	2.30E-01	C	3.47E+01		
65195-55-3	Pesticides	avermectin B1								4.00E-04	I			3.50E-04		
103-33-3	Pesticides	azobenzene					3.10E-05	I	1.09E-01			1.10E-01	I	6.40E+00		
7440-39-3	Metals	barium and compounds		5.00E-04	H	1.43E-04				2.00E-01	I					
114-26-1	Pesticides	baygon								4.00E-03	I			1.86E+03		
43121-43-3	Pesticides	bayleton								3.40E-02	O			7.15E+01		
68359-37-5	Pesticides	baythroid								2.50E-02	I			3.00E-03		
1861-40-1	Pesticides	benefin								5.00E-03	O			1.00E-01		

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17804-35-2	Pesticides	benomyl								5.00E-02	I			3.80E+00		
25057-89-0	Herbicides	bentazon								3.00E-02	I			5.00E+02		
100-52-7	SVOCs	benzaldehyde								1.00E-01	I	4.00E-03	P	6.95E+03		
71-43-2	VOCs	BENZENE		3.00E-02	I	8.57E-03	7.80E-06	I	2.73E-02	4.00E-03	I	5.50E-02	I	1.75E+03	Table 747-4	5.20E+00
108-98-5	SVOCs	benzenethiol								1.00E-03	P			8.35E+02		
92-87-5	SVOCs	benzidine					6.70E-02	I	2.35E+02	3.00E-03	I	2.30E+02	I	3.22E+02		8.75E+01
56-55-3	cPAHs	BENZO[a]ANTHRACENE	PAH NOTES											9.40E-03	1996 SSL	3.00E+01
50-32-8	cPAHs	BENZO[a]PYRENE	PAH NOTES	2.00E-06	I	5.71E-07	6.00E-04	I-M	2.10E+00	3.00E-04	I	1.00E+00	I-M	1.62E-03	1996 SSL	3.00E+01
205-99-2	cPAHs	BENZO[b]FLUORANTHENE	PAH NOTES											1.50E-03	1996 SSL	3.00E+01
207-08-9	cPAHs	BENZO[k]FLUORANTHENE	PAH NOTES											8.00E-04	1996 SSL	3.00E+01
65-85-0	SVOCs	BENZOIC ACID	pH-DEPENDENT							4.00E+00	I			3.50E+03	1996 SSL	
98-07-7	VOCs	benzotrchloride										1.30E+01	I	5.30E+01		
100-51-6	SVOCs	benzyl alcohol								1.00E-01	P			4.29E+04		
100-44-7	VOCs	benzyl chloride		1.00E-03	P	2.86E-04	4.90E-05	C	1.72E-01	2.00E-03	P	1.70E-01	I	5.25E+02		
7440-41-7	Metals	beryllium		2.00E-05	I	5.71E-06	2.40E-03	I	8.40E+00	2.00E-03	I					1.90E+01
91-58-7	PAHs	beta-chloronaphthalene								8.00E-02	I			1.17E+01		2.02E+02
141-66-2	Pesticides	bidrin								3.00E-05	O			1.00E+06		
82657-04-3	Pesticides	biphenhrin								1.50E-02	I			1.00E-03		
92-52-4	PAHs	biphenyl;1,1-		4.00E-04	X	1.14E-04				5.00E-01	I	8.00E-03	I	7.48E+00		
108-60-1	VOCs	bis(2-chloro-1-methyl-ethyl)ether					1.00E-05	H	3.50E-02	4.00E-02	I	7.00E-02	H	1.70E+03		2.47E+00
111-91-1	SVOCs	bis(2-chloroethoxy)methane								3.00E-03	P			7.80E+03		
111-44-4	SVOCs	bis(2-chloroethyl)ether					3.30E-04	I	1.16E+00			1.10E+00	I	1.72E+04	1996 SSL	6.90E+00
117-81-7	Phthalates	bis(2-ethylhexyl) phthalate					2.40E-06	C	8.40E-03	2.00E-02	I	1.40E-02	I	3.40E-01	1996 SSL	1.30E+02
542-88-1	VOCs	bis(chloromethyl)ether					6.20E-02	I	2.17E+02			2.20E+02	I	2.20E+04		
80-05-7	Phenols	bisphenol a								5.00E-02	I			1.20E+02		
7440-42-8	Metals	boron		2.00E-02	H	5.71E-03				2.00E-01	I					
15541-45-4	Pesticides	bromate								4.00E-03	I	7.00E-01	I			
79-08-3	SVOCs	bromoacetic acid												1.75E+06		
108-86-1	VOCs	bromobenzene		6.00E-02	I	1.71E-02				8.00E-03	I			4.46E+02		
74-97-5	VOCs	bromochloromethane		4.00E-02	X	1.14E-02								1.67E+04		
75-27-4	VOCs	bromodichloromethane	TTHM NOTES				3.70E-05	C	1.30E-01	2.00E-02	I	6.20E-02	I	6.74E+03	1996 SSL	3.75E+00
593-60-2	VOCs	bromoethene		3.00E-03	I	8.57E-04	1.50E-05	P	5.25E-02					7.60E+03		
75-25-2	VOCs	bromofom	TTHM NOTES				1.10E-06	I	3.85E-03	2.00E-02	I	7.90E-03	I	3.10E+03	1996 SSL	3.75E+00
74-83-9	VOCs	bromomethane		5.00E-03	I	1.43E-03				1.40E-03	I			1.52E+04	1996 SSL	3.75E+00
2104-96-3	Pesticides	bromophos								5.00E-03	H			3.00E-01		
1689-84-5	Pesticides	bromoxynil								1.50E-02	O	1.00E-01	O	1.30E+02		
1689-99-2	Pesticides	bromoxynil octanoate								1.50E-02	O	1.00E-01	O	8.00E-02		
106-99-0	VOCs	butadiene;1,3-		2.00E-03	I	5.71E-04	3.00E-05	I	1.05E-01			6.00E-01	C	7.35E+02		
71-36-3	VOCs	butanol;n-								1.00E-01	I			7.40E+04	1996 SSL	
85-68-7	Phthalates	butyl benzyl phthalate								2.00E-01	I	1.90E-03	P	2.69E+00	1996 SSL	4.14E+02
2008-41-5	Pesticides	butylate								5.00E-02	I			4.50E+01		
85-70-1	Phthalates	butylphthalyl butylglycolate								1.00E+00	I			8.80E+00		
94-81-5	Pesticides	butyric acid;4-(2-methyl-4-chlorophenoxy)-								4.40E-03	O			4.80E+01		
75-60-5	Pesticides	cacodylic acid								2.00E-02	A			2.00E+06		
7440-43-9	Metals	CADMIUM (POTABLE GROUNDWATER & SURFACE WATER)	CADMIUM NOTES	1.00E-05	A	2.86E-06	1.80E-03	I	6.30E+00	5.00E-04	I					6.40E+01
7440-43-9a	Metals	CADMIUM (SOIL & NONPOTABLE SURFACE WATER)	CADMIUM NOTES	1.00E-05	A	2.86E-06	1.80E-03	I	6.30E+00	1.00E-03	I					6.40E+01
592-01-8	Cyanides	calcium cyanide								1.00E-03	I					
105-60-2	SVOCs	caprolactam		2.20E-03	C	6.29E-04				5.00E-01	I			7.72E+05		
2425-06-1	Pesticides	captafol					4.30E-05	C	1.51E-01	2.00E-03	I	1.50E-01	C	1.40E+00		
133-06-2	Pesticides	captan					6.60E-07	C	2.31E-03	1.30E-01	I	2.30E-03	C	5.10E+00		
63-25-2	Pesticides (Carbamate)	carbaryl								1.00E-01	I			1.10E+02		
1563-66-2	Pesticides (Carbamate)	carbofuran								5.00E-03	I			3.20E+02		
75-15-0	VOCs	carbon disulfide		7.00E-01	I	2.00E-01				1.00E-01	I			1.19E+03	1996 SSL	
56-23-5	VOCs	carbon tetrachloride		1.00E-01	I	2.86E-02	6.00E-06	I	2.10E-02	4.00E-03	I	7.00E-02	I	7.93E+02	1996 SSL	1.88E+01
55285-14-8	Pesticides	carbosulfan								1.00E-02	I			3.00E-01		
5234-68-4	Pesticides	carboxin								1.00E-01	I			1.47E+02		

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1306-38-3	Metals	cerium oxide and cerium compounds		9.00E-04	I	2.57E-04										
302-17-0	VOCs	chloral hydrate							1.00E-01	I				7.93E+05		
133-90-4	Herbicides	chloramben							1.50E-02	I				7.00E+02		
118-75-2	Pesticides	chloranil										4.00E-01	H	2.50E+02		
12789-03-6	Pesticides	chlordane		7.00E-04	I	2.00E-04	1.00E-04	I	3.50E-01	5.00E-04	I	3.50E-01	I	5.60E-02	1996 SSL	1.41E+04
143-50-0	Pesticides	chlordecone (kepone)					4.60E-03	C	1.61E+01	3.00E-04	I	1.00E+01	I	2.70E+00		
16887-00-6	Nutrients	chloride								9.00E-02	O			1.20E+03		
90982-32-4	Pesticides	chlorimuron-ethyl								1.00E-01	I			6.30E+03		
7782-50-5	Nutrients	chlorine	MCL FOR DISINFECTANTS	1.50E-04	A	4.29E-05								6.00E+04		
506-77-4	Cyanides	chlorine cyanide								5.00E-02	I			6.40E+05		
10049-04-4	VOCs	chlorine dioxide	MCL FOR DISINFECTANTS	2.00E-04	I	5.71E-05				3.00E-02	I			6.40E+05		
7758-19-2	Nutrients	chlorite								3.00E-02	I			6.40E+05		
75-68-3	VOCs	chloro-1,1-difluoroethane;1-		5.00E+01	I	1.43E+01								1.40E+03		
126-99-8	VOCs	chloro-1,3-butadiene;2-		2.00E-02	I	5.71E-03	3.00E-04	I	1.05E+00	2.00E-02	H			8.75E+02		
3165-93-3	SVOCs	chloro-2-methylaniline hydrochloride;4-										4.60E-01	H	9.54E+02		
95-69-2	SVOCs	chloro-2-methylaniline;4-					7.70E-05	C	2.70E-01	3.00E-03	X	1.00E-01	P	9.54E+02		
79-11-8	SVOCs	chloroacetic acid								2.00E-03	H			8.58E+05		
532-27-4	SVOCs	chloroacetophenone;2-		3.00E-05	I	8.57E-06								1.10E+03		
106-47-8	SVOCs	chloroaniline;p-								4.00E-03	I	2.00E-01	P	5.30E+03	1996 SSL	
108-90-7	VOCs	chlorobenzene		5.00E-02	P	1.43E-02				2.00E-02	I			4.72E+02	1996 SSL	1.03E+01
510-15-6	Pesticides	chlorobenzilate					3.10E-05	C	1.09E-01	2.00E-02	I	1.10E-01	C	1.30E+01		
74-11-3	Pesticides	chlorobenzoic acid;p-								3.00E-02	X			7.20E+01		
98-56-6	VOCs	chlorobenzotrifluoride;4-		3.00E-01	P	8.57E-02	8.60E-06	C	3.01E-02	3.00E-03	P			2.90E+01		
109-69-3	VOCs	chlorobutane;1-								4.00E-02	P			1.10E+03		
59-50-7	Phenols	chlorocresol		5.00E+01	I	1.43E+01				1.00E-01	A			3.83E+03		
75-45-6	VOCs	chlorodifluoromethane												2.77E+03		
67-66-3	VOCs	chloroform	TTHM NOTES	9.80E-02	A	2.80E-02	2.30E-05	I	8.05E-02	1.00E-02	I	3.10E-02	C	7.92E+03	1996 SSL	3.75E+00
74-87-3	VOCs	chloromethane		9.00E-02	I	2.57E-02								5.32E+03		3.75E+00
107-30-2	VOCs	chloromethyl methyl ether					6.90E-04	C	2.42E+00			2.40E+00	C	6.94E+04		
88-73-3	Pesticides	chloronitrobenzene;o-		1.00E-05	X	2.86E-06				3.00E-03	P	3.00E-01	P	4.41E+02		
100-00-5	Pesticides	chloronitrobenzene;p-		2.00E-03	P	5.71E-04				7.00E-04	P	6.00E-02	P	2.25E+02		
95-57-8	Phenols	CHLOROPHENOL;2-	pH-DEPENDENT							5.00E-03	I			2.20E+04	1996 SSL	1.34E+02
1897-45-6	Pesticides	chlorothalonil								1.50E-02	I	1.70E-02	C	8.10E-01		
95-49-8	VOCs	chlorotoluene;o-								2.00E-02	I			3.74E+02		
101-21-3	Pesticides	chlorpropham								5.00E-02	O			8.90E+01		
2921-88-2	Pesticides	chlorpyrifos								1.00E-03	A			1.12E+00		
5598-13-0	Pesticides	chlorpyrifos-methyl								1.00E-02	H			4.76E+00		
64902-72-3	Pesticides	chlorsulfuron								5.00E-02	O			3.10E+04		
60238-56-4	Pesticides	chlorthiophos								8.00E-04	H			3.00E-01		
7440-47-3	Metals	CHROMIUM (TOTAL)	CHROMIUM NOTES													1.60E+01
16065-83-1	Metals	CHROMIUM (III)	CHROMIUM NOTES							1.50E+00	I					1.60E+01
18540-29-9	Metals	CHROMIUM (VI)	CHROMIUM NOTES	1.00E-04	I	2.86E-05	8.40E-02	S	2.94E+02	3.00E-03	I			1.69E+06		1.60E+01
218-01-9	cPAHs	CHRYSENE	PAH NOTES											1.60E-03	1996 SSL	3.00E+01
7440-48-4	Metals	Cobalt		6.00E-06	P	1.71E-06	9.00E-03	P	3.15E+01	3.00E-04	P					
E649830	VOCs	coke oven emissions					6.20E-04	I	2.17E+00							
7440-50-8	Metals	COPPER	HARDNESS - DEPENDENT							4.00E-02	H					3.60E+01
544-92-3	Cyanides	copper cyanide								5.00E-03	I					
108-39-4	Phenols	cresol;m-		6.00E-01	C	1.71E-01				5.00E-02	I			2.27E+04		
95-48-7	Phenols	cresol;o-		6.00E-01	C	1.71E-01				5.00E-02	I			2.60E+04	1996 SSL	
106-44-5	Phenols	cresol;p-		6.00E-01	C	1.71E-01				1.00E-01	A			2.15E+04		
123-73-9	VOCs	crotonaldehyde								1.00E-03	P	1.90E+00	H	1.50E+05		
98-82-8	VOCs	cumene		4.00E-01	I	1.14E-01				1.00E-01	I			6.13E+01		
21725-46-2	Pesticides	cyanazine								2.00E-03	H	8.40E-01	H	1.70E+02		
57-12-5	Cyanides	CYANIDE	CYANIDE NOTES	8.00E-04	S	2.29E-04				6.30E-04	I			9.54E+04		1.00E+00
460-19-5	Cyanides	cyanogen								1.00E-03	I			8.00E+03		
506-68-3	Cyanides	cyanogen bromide								9.00E-02	I					
110-82-7	VOCs	cyclohexane		6.00E+00	I	1.71E+00								5.50E+01		

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	RfC Inhalation Reference Concentration (mg/m ³)	S o u r c e	RfDi Inhalation Reference Dose (mg/kg-day)	IUR Inhalation Unit Risk (µg/m ³) ⁻¹	S o u r c e	CPFi Inhalation Cancer Potency Factor (kg-day/mg)	RfDo Oral Reference Dose (mg/kg-day)	S o u r c e	CPFo Oral Cancer Potency Factor (kg-day/mg)	S o u r c e	S (Aqueous Solubility) (mg/L)	Ref. ORNL RAIS (unless noted)	BCF (Bioconcentration Factor) see WAC 173-340-708(9) (L/kg)
108-94-1	VOCs	cyclohexanone		7.00E-01	P	2.00E-01				5.00E+00	I			2.50E+04		
108-91-8	VOCs	cyclohexylamine								2.00E-01	I			1.00E+06		
68085-85-8	Pesticides	cyhalothrin/karate								1.00E-03	O			5.00E-03		
52315-07-8	Pesticides	cypermethrin								2.30E-02	O			4.00E-03		
66215-27-8	Pesticides	cyromazine								5.00E-01	O			1.30E+04		
1861-32-1	Herbicides	dacthal								1.00E-02	I			5.00E-01		
75-99-0	Herbicides	dalapon, sodium salt								3.00E-02	I			5.02E+05		
39515-41-8	Pesticides	danitol								2.50E-02	I			3.30E-01		
94-82-6	Pesticides	db;2,4-								3.00E-02	O			4.60E+01		
72-54-8	Pesticides	ddd				6.90E-05	C	2.42E-01	3.00E-05	X	2.40E-01	I		9.00E-02	1996 SSL	5.36E+04
72-55-9	Pesticides	dde				9.70E-05	C	3.40E-01	3.00E-04	X	3.40E-01	I		1.20E-01	1996 SSL	5.36E+04
50-29-3	Pesticides	ddt				9.70E-05	I	3.40E-01	5.00E-04	I	3.40E-01	I		2.50E-02	1996 SSL	5.36E+04
1163-19-5	PBDEs	decabromodiphenyl ether							7.00E-03	I	7.00E-04	I		1.00E-04		3.20E+00
8065-48-3	Pesticides	demeton							4.00E-05	I				6.66E+02		
103-23-1	Phthalates	di(2-ethylhexyl)adipate							6.00E-01	I	1.20E-03	I		7.80E-01		
2303-16-4	Pesticides	diallate									6.10E-02	H		1.40E+01		
333-41-5	Pesticides	diazinon							7.00E-04	A				4.00E+01		
53-70-3	cPAHs	DIBENZ[a,h]ANTHRACENE	PAH NOTES											2.49E-03	1996 SSL	3.00E+01
132-64-9	PAHs	dibenzofuran							1.00E-03	X				3.10E+00		
96-12-8	Pesticides	dibromo-3-chloropropane;1,2-		2.00E-04	I	5.71E-05	6.00E-03	P	2.10E+01	2.00E-04	P	8.00E-01	P	1.23E+03		
631-64-1	SVOCs	dibromoacetic acid												2.11E+06		
106-37-6	Pesticides	dibromobenzene;1,4-								1.00E-02	I			2.00E+01		
124-48-1	VOCs	dibromochloromethane	TTHM NOTES							2.00E-02	I	8.40E-02	I	2.60E+03	1996 SSL	3.75E+00
84-74-2	Phthalates	di-butyl phthalate								1.00E-01	I			1.12E+01	1996 SSL	8.90E+01
1918-00-9	Herbicides	dicamba								3.00E-02	I			8.31E+03		
3400-09-7	Disinfectants	dichloramine	MCL FOR DISINFECTANTS													
764-41-0	VOCs	dichloro-2-butene;1,4-				4.20E-03	P	1.47E+01						5.80E+02		
110-57-6	VOCs	dichloro-2-butene;trans-1,4-				4.20E-03	P	1.47E+01						8.50E+02		
79-43-6	SVOCs	dichloroacetic acid							4.00E-03	I	5.00E-02	I		1.00E+06		
95-50-1	VOCs	dichlorobenzene;1,2-		2.00E-01	H	5.71E-02			9.00E-02	I				1.56E+02	1996 SSL	5.56E+01
541-73-1	VOCs	dichlorobenzene;1,3-												1.25E+02		
106-46-7	VOCs	dichlorobenzene;1,4-		8.00E-01	I	2.29E-01	1.10E-05	C	3.85E-02	7.00E-02	A	5.40E-03	C	7.38E+01	1996 SSL	5.56E+01
91-94-1	SVOCs	dichlorobenzidine;3,3'-				3.40E-04	C	1.19E+00				4.50E-01	I	3.11E+00	1996 SSL	3.12E+02
75-71-8	VOCs	dichlorodifluoromethane		1.00E-01	X	2.86E-02			2.00E-01	I				2.80E+02		
75-34-3	VOCs	dichloroethane;1,1-				1.60E-06	C	5.60E-03	2.00E-01	P	5.70E-03	C		5.06E+03	1996 SSL	
107-06-2	VOCs	dichloroethane;1,2- (EDC)		7.00E-03	P	2.00E-03	2.60E-05	I	9.10E-02	6.00E-03	X	9.10E-02	I	8.52E+03	1996 SSL	1.20E+00
540-59-0	VOCs	dichloroethylene;1,2- (mixed isomers)							9.00E-03	H				3.50E+03		
75-35-4	VOCs	dichloroethylene;1,1-		2.00E-01	I	5.71E-02			5.00E-02	I				2.25E+03	1996 SSL	5.60E+00
156-59-2	VOCs	dichloroethylene;1,2-,cis							2.00E-03	I				3.50E+03	1996 SSL	
156-60-5	VOCs	dichloroethylene;1,2-,trans		4.00E-02	X	1.14E-02			2.00E-02	I				6.30E+03	1996 SSL	1.58E+00
120-83-2	Phenols	DICHLOROPHENOL;2,4-	pH-DEPENDENT						3.00E-03	I				4.50E+03	1996 SSL	4.07E+01
94-75-7	Herbicides	dichlorophenoxyacetic acid;2,4-							1.00E-02	I				6.77E+02		
78-87-5	VOCs	dichloropropane;1,2-		4.00E-03	I	1.14E-03	3.70E-06	P	1.30E-02	4.00E-02	P	3.70E-02	P	2.80E+03	1996 SSL	4.11E+00
142-28-9	VOCs	dichloropropane;1,3-								2.00E-02	P			2.75E+03		
616-23-9	SVOCs	dichloropropanol;2,3-							3.00E-03	I				6.42E+04		
542-75-6	VOCs	dichloropropene;1,3-		2.00E-02	I	5.71E-03	4.00E-06	I	1.40E-02	3.00E-02	I	1.00E-01	I	2.80E+03	1996 SSL	1.91E+00
62-73-7	Pesticides	dichlorvos		5.00E-04	I	1.43E-04	8.30E-05	C	2.91E-01	5.00E-04	I	2.90E-01	I	8.00E+03		
77-73-6	VOCs	dicyclopentadiene		3.00E-04	X	8.57E-05			8.00E-02	P				2.65E+01		
60-57-1	Pesticides	dieldrin					4.60E-03	I	1.61E+01	5.00E-05	I	1.60E+01	I	1.95E+01	1996 SSL	4.67E+03
84-66-2	Phthalates	diethyl phthalate							8.00E-01	I				1.08E+03	1996 SSL	7.30E+01
112-34-5	Glycols	diethylene glycol monobutyl ether		1.00E-04	P	2.86E-05			3.00E-02	P				1.00E+06		
111-90-0	Glycols	diethylene glycol monoethyl ether		3.00E-04	P	8.57E-05			6.00E-02	P				1.00E+06		
617-84-5	SVOCs	diethylformamide							1.00E-03	P				1.00E+06		
56-53-1	SVOCs	diethylstilbesterol				1.00E-01	C	3.50E+02				3.50E+02	C	1.20E+01		
43222-48-6	Pesticides	difenzoquat							8.30E-02	O				8.17E+05		
35367-38-5	Pesticides	diflubenzuron							2.00E-02	I				8.00E-02		

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75-37-6	VOCs	difluoroethane;1,1-		4.00E+01	I	1.14E+01								3.20E+03		
108-20-3	VOCs	diisopropyl ether		7.00E-01	P	2.00E-01								8.80E+03		
1445-75-6	VOCs	diisopropyl methylphosphonate							8.00E-02	I				1.50E+03		
55290-64-7	Pesticides	dimethipin							2.20E-02	O				4.60E+03		
60-51-5	Pesticides	dimethoate							2.20E-03	O				2.33E+04		
119-90-4	SVOCs	dimethoxybenzidine;3,3'-										1.60E+00	P	6.00E+01		
131-11-3	Phthalates	dimethyl phthalate												4.00E+03		3.60E+01
120-61-6	Phthalates	dimethyl terephthalate							1.00E-01	I				1.90E+01		
21436-96-4	SVOCs	dimethylaniline hydrochloride;2,4-										5.80E-01	H	3.65E+03		
95-68-1	SVOCs	dimethylaniline;2,4-							2.00E-03	X	2.00E-01	P		6.07E+03		
121-69-7	VOCs	dimethylaniline;N,N-							2.00E-03	I	2.70E-02	P		1.45E+03		
119-93-7	SVOCs	dimethylbenzidine;3,3'-										1.10E+01	P	1.30E+03		
68-12-2	VOCs	dimethylformamide;N,N-		3.00E-02	I	8.57E-03			1.00E-01	P				1.00E+06		
57-14-7	VOCs	dimethylhydrazine;1,1-		2.00E-06	X	5.71E-07			1.00E-04	X				1.00E+06		
540-73-8	VOCs	dimethylhydrazine;1,2-					1.60E-01	C	5.60E+02			5.50E+02	C	1.00E+06		
105-67-9	Phenols	dimethylphenol;2,4-							2.00E-02	I				7.87E+03	1996 SSL	9.38E+01
576-26-1	Phenols	dimethylphenol;2,6-							6.00E-04	I				6.05E+03		
95-65-8	Phenols	dimethylphenol;3,4-							1.00E-03	I				4.76E+03		
99-65-0	Explosives	dinitrobenzene;m-							1.00E-04	I				5.33E+02		
528-29-0	SVOCs	dinitrobenzene;o-							1.00E-04	P				1.33E+02		
100-25-4	SVOCs	dinitrobenzene;p-							1.00E-04	P				6.90E+01		
131-89-5	Phenols	dinitro-o-cyclohexyl phenol;4,6-							2.00E-03	I				1.50E+01		
51-28-5	Phenols	DINITROPHENOL;2,4-	pH-DEPENDENT						2.00E-03	I				2.79E+03	1996 SSL	1.50E+00
25550-58-7	Phenols	dinitrophenols												5.60E+00		
E1615210	SVOCs	dinitrotoluene mixture; 2,4-/2,6-							9.00E-04	X	6.80E-01	I		2.70E+02		
121-14-2	Explosives	dinitrotoluene;2,4-				8.90E-05	C	3.12E-01	2.00E-03	I	3.10E-01	C		2.70E+02	1996 SSL	3.80E+00
606-20-2	Explosives	dinitrotoluene;2,6-							3.00E-04	X	1.50E+00	P		1.82E+02	1996 SSL	
35572-78-2	Explosives	dinitrotoluene, 2-Amino-4,6-							1.00E-04	X				1.22E+03		
19406-51-0	Explosives	dinitrotoluene, 4-Amino-2,6-							1.00E-04	X				1.22E+03		
117-84-0	Phthalates	di-n-octyl phthalate							1.00E-02	P				2.00E-02	1996 SSL	
88-85-7	Herbicides	dinoseb							1.00E-03	I				5.20E+01		
123-91-1	VOCs	dioxane;1,4-		3.00E-02	I	8.57E-03	5.00E-06	I	1.75E-02	3.00E-02	I	1.00E-01	I	1.00E+06		
957-51-7	Pesticides	diphenamid							3.00E-02	I				2.60E+02		
122-39-4	Pesticides	diphenylamine							1.00E-01	O				5.30E+01		3.00E+01
122-66-7	SVOCs	diphenylhydrazine;1,2-				2.20E-04	I	7.70E-01			8.00E-01	I		2.21E+02		2.49E+01
2764-72-9	Pesticides	diquat							2.20E-03	I				7.00E+01		
1937-37-7	Dyes	direct black 38				2.10E-03	C	7.35E+00				7.40E+00	C	3.00E+03		
2602-46-2	Dyes	direct blue 6				2.10E-03	C	7.35E+00				7.40E+00	C	1.37E-04		
16071-86-6	Dyes	direct brown 95				1.90E-03	C	6.65E+00				6.70E+00	C	1.00E+06		
298-04-4	Pesticides	disulfoton							4.00E-05	I				1.63E+01		
505-29-3	SVOCs	dithiane;1,4-							1.00E-02	I				3.00E+03		
330-54-1	Pesticides (Carbamate)	diuron							2.00E-03	I				4.20E+01		
534-52-1	Phenols	DNOC							8.00E-05	X				1.98E+02		
2439-10-3	Pesticides	dodine							2.00E-02	O				6.30E+02		
115-29-7	Pesticides	endosulfan							6.00E-03	I				5.10E-01	1996 SSL	2.70E+02
1031-07-8	Pesticides	endosulfan sulfate							6.00E-03	P				4.80E-01		
959-98-8	Pesticides	endosulfan;alpha												5.10E-01		
33213-65-9	Pesticides	endosulfan;beta												4.50E-01		
145-73-3	Herbicides	endothall							2.00E-02	I				1.00E+05		
72-20-8	Pesticides	endrin							3.00E-04	I				2.50E-01	1996 SSL	3.97E+03
7421-93-4	Pesticides	endrin aldehyde												2.40E-02		
106-89-8	VOCs	epichlorohydrin		1.00E-03	I	2.86E-04	1.20E-06	I	4.20E-03	6.00E-03	P	9.90E-03	I	6.59E+04		
106-88-7	VOCs	epoxybutane		2.00E-02	I	5.71E-03								9.50E+04		
16672-87-0	Pesticides	ethephon							5.00E-03	I				1.00E+06		
563-12-2	Pesticides	ethion							5.00E-04	I				2.00E+00		
111-15-9	VOCs	ethoxyethanol acetate;2-		6.00E-02	P	1.71E-02			1.00E-01	P				1.87E+05		

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110-80-5	VOCs	ethoxyethanol;2-		2.00E-01	I	5.71E-02				9.00E-02	P			1.00E+06		
141-78-6	VOCs	ethyl acetate		7.00E-02	P	2.00E-02				9.00E-01	I			8.00E+04		
140-88-5	VOCs	ethyl acrylate		8.00E-03	P	2.29E-03				5.00E-03	P	4.80E-02	H	1.50E+04		
75-00-3	VOCs	ethyl chloride		1.00E+01	I	2.86E+00								6.71E+03		
759-94-4	Pesticides	ethyl dipropylthiocarbamate;S-								5.00E-02	O			3.75E+02		
60-29-7	VOCs	ethyl ether								2.00E-01	I			6.04E+04		
97-63-2	VOCs	ethyl methacrylate		3.00E-01	P	8.57E-02				9.00E-02	H			5.40E+03		
2104-64-5	Pesticides	ethyl p-nitrophenyl phenylphosphorothioate								1.00E-05	I			3.11E+00		
100-41-4	VOCs	ethylbenzene		1.00E+00	I	2.86E-01				1.00E-01	I			1.69E+02	Table 747-4	3.75E+01
109-78-4	SVOCs	ethylene cyanohydrin								7.00E-02	P			1.00E+06		
107-15-3	VOCs	ethylene diamine								9.00E-02	P			1.00E+06		
106-93-4	VOCs	ethylene dibromide (EDB)		9.00E-03	I	2.57E-03	6.00E-04	I	2.10E+00	9.00E-03	I	2.00E+00	I	3.91E+03		
107-21-1	VOCs	ethylene glycol		4.00E-01	C	1.14E-01				2.00E+00	I			1.00E+06		
111-76-2	Glycols	ethylene glycol monobutyl ether (EGBE)		1.60E+00	I	4.57E-01				1.00E-01	I			1.00E+06		
75-21-8	VOCs	ethylene oxide		3.00E-02	C	8.57E-03	3.00E-03	I-M	1.05E+01			3.10E-01	C	1.00E+06		
96-45-7	SVOCs	ethylene thiourea					1.30E-05	C	4.55E-02	8.00E-05	I	4.50E-02	C	2.00E+04		
84-72-0	Phthalates	ethylphthalyl ethylglycolate								3.00E+00	I			2.17E+02		
101200-48-0	Pesticides	express								8.00E-03	I			5.00E+01		
22224-92-6	Pesticides	fenamiphos								2.50E-04	I			3.29E+02		
2164-17-2	Pesticides	fluometuron								1.30E-02	I			1.10E+02		
206-44-0	PAHs	fluoranthene								4.00E-02	I			2.06E-01	1996 SSL	1.15E+03
86-73-7	PAHs	fluorene								4.00E-02	I			1.98E+00	1996 SSL	3.00E+01
16984-48-8	Nutrients	FLUORIDE	FLUORIDE NOTES	1.30E-02	C	3.71E-03				6.00E-02	I			1.69E+00		
59756-60-4	Pesticides	fluridone								8.00E-02	I			1.20E+01		
56425-91-3	Pesticides	flurprimidol								4.00E-02	O			1.14E+02		
66332-96-5	Pesticides	flutolanil								5.00E-01	O			6.53E+00		
69409-94-5	Pesticides	fluvalinate								1.00E-02	I			5.00E-03		
133-07-3	Pesticides	folpet								9.00E-02	O			8.00E-01		
72178-02-0	Pesticides	fomesafen								2.50E-03	O			5.00E+01		
944-22-9	Pesticides	fonofos								2.00E-03	I			1.57E+01		
50-00-0	VOCs	formaldehyde		9.80E-03	A	2.80E-03	1.30E-05	I	4.55E-02	2.00E-01	I	2.10E-02	C	4.00E+05		
64-18-6	VOCs	formic acid		3.00E-04	X	8.57E-05				9.00E-01	P			1.00E+06		
39148-24-8	Pesticides	fosetyl-al								2.50E+00	O			1.11E+05		
110-00-9	Furans	furan								1.00E-03	I			1.00E+04		
67-45-8	SVOCs	furazolidone										3.80E+00	H	4.00E+01		
98-01-1	VOCs	furfural		5.00E-02	H	1.43E-02				3.00E-03	I			7.41E+04		
531-82-8	SVOCs	furium					4.30E-04	C	1.51E+00			1.50E+00	C	4.21E+03		
60568-05-0	Pesticides	furmecyclox					8.60E-06	C	3.01E-02			3.00E-02	I	3.00E-01		
77182-82-2	Pesticides	glufosinate-ammonium								6.00E-03	O			1.37E+06		
765-34-4	VOCs	glycidaldehyde		1.00E-03	H	2.86E-04				4.00E-04	I			1.00E+06		
1071-83-6	SVOCs	glyphosate								1.00E-01	I			1.05E+04		
unavailable20	Radionuclides	gross alpha particle activity	ALPHA PARTICLE NOTE													
unavailable21	Radionuclides	gross beta particle activity	BETA PARTICLE NOTE													
86-50-0	Pesticides	guthion								3.00E-03	A			2.09E+01		
69806-40-2	Pesticides	haloxyfop-methyl		1.00E-02	A	2.86E-03				5.00E-05	I			9.30E+00		
79277-27-3	Pesticides	harmony								4.30E-02	O			2.24E+03		
76-44-8	Pesticides	heptachlor					1.30E-03	I	4.55E+00	5.00E-04	I	4.50E+00	I	1.80E-01	1996 SSL	1.12E+04
1024-57-3	Pesticides	heptachlor epoxide					2.60E-03	I	9.10E+00	1.30E-05	I	9.10E+00	I	2.00E-01	1996 SSL	1.12E+04
142-82-5	VOCs	heptane;n-		4.00E-01	P	1.14E-01				3.00E-04	X			3.40E+00		
87-82-1	SVOCs	hexabromobenzene								2.00E-03	I			1.60E-04		
68631-49-2	PBDEs	hexabromodiphenyl ether; 2,2',4,4',5,5'-								2.00E-04	I			9.00E-04		
118-74-1	Pesticides	hexachlorobenzene					4.60E-04	I	1.61E+00	8.00E-04	I	1.60E+00	I	6.20E+00	1996 SSL	8.69E+03
87-68-3	VOCs	hexachlorobutadiene					2.20E-05	I	7.70E-02	1.00E-03	P	7.80E-02	I	3.23E+00	1996 SSL	2.78E+00
319-84-6	Pesticides	hexachlorocyclohexane;alpha					1.80E-03	I	6.30E+00	8.00E-03	A	6.30E+00	I	2.00E+00	1996 SSL	1.30E+02
319-85-7	Pesticides	hexachlorocyclohexane;beta-					5.30E-04	I	1.86E+00			1.80E+00	I	2.40E-01	1996 SSL	1.30E+02
608-73-1	SVOCs	hexachlorocyclohexane;technical					5.10E-04	I	1.79E+00			1.80E+00	I	8.00E+00		

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	RfC Inhalation Reference Concentration (mg/m ³)	S o u r c e	RfDi Inhalation Reference Dose (mg/kg-day)	IUR Inhalation Unit Risk (μg/m ³) ⁻¹	S o u r c e	CPFi Inhalation Cancer Potency Factor (kg-day/mg)	RfDo Oral Reference Dose (mg/kg-day)	S o u r c e	CPFo Oral Cancer Potency Factor (kg-day/mg)	S o u r c e	S (Aqueous Solubility) (mg/L)	Ref. ORNL RAIS (unless noted)	BCF (Bioconcentration Factor) see WAC 173-340-708(9) (L/kg)
77-47-4	Pesticides	hexachlorocyclopentadiene		2.00E-04	I	5.71E-05				6.00E-03	I			1.80E+00	1996 SSL	4.34E+00
34465-46-8	Dioxins	hexachlorodibenzo-p-dioxin, mixture					1.30E+00	I	4.55E+03			6.20E+03	I	4.00E-06		
67-72-1	VOCs	hexachloroethane		3.00E-02	I	8.57E-03	1.10E-05	C	3.85E-02	7.00E-04	I	4.00E-02	I	5.00E+01	1996 SSL	8.69E+01
70-30-4	SVOCs	hexachlorophene								3.00E-04	I			1.40E+02		
822-06-0	VOCs	hexamethylene diisocyanate;1,6-		1.00E-05	I	2.86E-06								1.17E+02		
110-54-3	VOCs	hexane;n-		7.00E-01	I	2.00E-01				6.00E-02	H			9.50E+00	Table 747-4	
591-78-6	VOCs	hexanone;2-		3.00E-02	I	8.57E-03				5.00E-03	I			1.72E+04		
51235-04-2	Pesticides	hexazinone								3.30E-02	I			3.30E+04		
302-01-2	VOCs	hydrazine		3.00E-05	P	8.57E-06	4.90E-03	I	1.72E+01			3.00E+00	I	1.00E+06		
10034-93-2	SVOCs	hydrazine sulfate					4.90E-03	I	1.72E+01			3.00E+00	I	3.06E+04		
7647-01-0	VOCs	hydrogen chloride		2.00E-02	I	5.71E-03								6.73E+05		
74-90-8	Cyanides	hydrogen cyanide		8.00E-04	I	2.29E-04				6.00E-04	I			1.00E+06		
7783-06-4	VOCs	hydrogen sulfide		2.00E-03	I	5.71E-04								3.74E+03		
123-31-9	SVOCs	hydroquinone								4.00E-02	P	6.00E-02	P	7.20E+04		
35554-44-0	Pesticides	imazalil								2.50E-03	O	6.10E-02	O	1.80E+02		
81335-37-7	Pesticides	imazaquin								2.50E-01	I			9.00E+01		
193-39-5	cPAHs	INDENO[1,2,3-cd]PYRENE	PAH NOTES											2.20E-05	1996 SSL	3.00E+01
36734-19-7	Pesticides	iprodione								4.00E-02	I			1.39E+01		
7439-89-6	Metals	iron								7.00E-01	P			8.50E+04		
78-83-1	VOCs	isobutyl alcohol								3.00E-01	I			1.20E+04	1996 SSL	4.38E+00
78-59-1	SVOCs	isophorone		2.00E+00	C	5.71E-01				2.00E-01	I	9.50E-04	I			
33820-53-0	Pesticides	isopropalin								1.50E-02	I			1.10E-01		
67-63-0	VOCs	isopropanol		2.00E-01	P	5.71E-02				2.00E+00	P			1.00E+06		
1832-54-8	SVOCs	isopropyl methyl phosphonic acid								1.00E-01	I			5.04E+04		
82558-50-7	Pesticides	isoxaben								5.00E-02	I			1.42E+00		
77501-63-4	Pesticides	lactofen								8.00E-03	O			1.00E-01		
7439-92-1	Metals	LEAD	LEAD NOTES													
58-89-9	Pesticides	lindane					3.10E-04	C	1.09E+00	3.00E-04	I	1.10E+00	C	6.80E+00	1996 SSL	1.30E+02
330-55-2	Pesticides (Carbamate)	linuron								7.70E-03	O			7.50E+01		
7439-93-2	Metals	lithium								2.00E-03	P					
7791-03-9	Perchlorates	lithium perchlorate								7.00E-04	I			5.87E+05		
83055-99-6	Pesticides	londax								2.00E-01	I			1.20E+02		
121-75-5	Pesticides	malathion								2.00E-02	I			1.43E+02		
108-31-6	SVOCs	maleic anhydride		7.00E-04	C	2.00E-04				1.00E-01	I			1.63E+05		
123-33-1	SVOCs	maleic hydrazide								5.00E-01	I			4.51E+03		
109-77-3	VOCs	malononitrile								1.00E-04	P			1.33E+05		
8018-01-7	Pesticides	mancozeb								3.00E-02	H			6.20E+00		
12427-38-2	Pesticides	maneb								5.00E-03	I			6.00E+00		
7439-96-5	Metals	MANGANESE (Diet - e.g., fish consumption)	MANGANESE NOTES	5.00E-05	I	1.43E-05				1.40E-01	I					
7439-96-5a	Metals	MANGANESE (Non-Diet - e.g., drinking water or soil)	MANGANESE NOTES	5.00E-05	I	1.43E-05				4.67E-02	I					
950-10-7	Pesticides	mephosfolan								9.00E-05	H			5.70E+01		
24307-26-4	Pesticides	mepiquat chloride								3.00E-02	I			5.00E+05		
7487-94-7	Metal compounds	mercuric chloride		3.00E-04	S	8.57E-05				3.00E-04	I			6.90E+04		
7439-97-6	Metals	mercury		3.00E-04	I	8.57E-05								6.00E-02		
150-50-5	Pesticides	merphos								3.00E-05	I			3.50E-03		
57837-19-1	Pesticides	metalaxyl								6.00E-02	I			8.40E+03		
126-98-7	VOCs	methacrylonitrile		3.00E-02	P	8.57E-03				1.00E-04	I			2.54E+04		
10265-92-6	Pesticides	methamidophos								5.00E-05	I			1.00E+06		
67-56-1	VOCs	methanol		2.00E+01	I	5.71E+00				2.00E+00	I			1.00E+06		
950-37-8	Pesticides	methidathion								1.50E-03	O			1.87E+02		
16752-77-5	Pesticides (Carbamate)	methomyl								2.50E-02	I			5.80E+04		
99-59-2	SVOCs	methoxy-5-nitroaniline;2-										4.90E-02	C	1.15E+02		
72-43-5	Pesticides	methoxychlor								5.00E-03	I			4.50E-02	1996 SSL	1.55E+03
110-49-6	VOCs	methoxyethanol acetate;2-		1.00E-03	P	2.86E-04				8.00E-03	P			1.00E+06		
109-86-4	VOCs	methoxyethanol;2-		2.00E-02	I	5.71E-03				5.00E-03	P			1.00E+06		
79-20-9	VOCs	methyl acetate								1.00E+00	X			2.43E+05		

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96-33-3	VOCs	methyl acrylate		2.00E-02	P	5.71E-03				3.00E-02	H			4.94E+04		
78-93-3	VOCs	methyl ethyl ketone		5.00E+00	I	1.43E+00				6.00E-01	I			2.23E+05		
108-10-1	VOCs	methyl isobutyl ketone		3.00E+00	I	8.57E-01				8.00E-02	H			1.90E+04		
22967-92-6	Metals (organometallic)	METHYL MERCURY	METHYL MERCURY NOTES							1.00E-04	I					
80-62-6	VOCs	methyl methacrylate		7.00E-01	I	2.00E-01				1.40E+00	I			1.50E+04		
90-12-0	PAHs	methyl naphthalene;1-								7.00E-02	A	2.90E-02	P	2.58E+01		
91-57-6	PAHs	methyl naphthalene;2-								4.00E-03	I			2.46E+01		
298-00-0	Pesticides	methyl parathion								2.50E-04	I			3.77E+01		
25013-15-4	VOCs	methyl styrene		4.00E-02	H	1.14E-02				6.00E-03	H			8.90E+01		
98-83-9	VOCs	methyl styrene, alpha								7.00E-02	H			1.16E+02		
1634-04-4	VOCs	methyl tert-butyl ether (MTBE)		3.00E+00	I	8.57E-01	2.60E-07	C	9.10E-04			1.80E-03	C	5.00E+04	Table 747-4	
94-74-6	Herbicides	methyl-4-chlorophenoxy-acetic acid;2-								5.00E-04	I			6.30E+02		
99-55-8	SVOCs	methyl-5-nitroaniline;2-								2.00E-02	X	9.00E-03	P	1.00E+04		
636-21-5	SVOCs	methylaniline hydrochloride;2-					3.70E-05	C	1.30E-01			1.30E-01	C	8.29E+03		
95-53-4	VOCs	methylaniline;2-					5.10E-05	C	1.79E-01			1.60E-02	P	1.66E+04		
101-14-4	SVOCs	methylene bis(2-chloroaniline);4,4'					4.30E-04	C	1.51E+00	2.00E-03	P	1.00E-01	P	1.39E+01		
101-61-1	SVOCs	methylene bis(n,n'-dimethyl)aniline;4,4'					1.30E-05	C	4.55E-02			4.60E-02	I	4.14E+00		
74-95-3	VOCs	methylene bromide		4.00E-03	X	1.14E-03				1.00E-02	H			1.19E+04		
75-09-2	VOCs	methylene chloride		6.00E-01	I	1.71E-01	1.00E-08	I-M	3.50E-05	6.00E-03	I	2.00E-03	I-M	1.30E+04	1996 SSL	9.00E-01
101-68-8	SVOCs	methylene diphenyl diisocyanate (MDI)		6.00E-04	I	1.71E-04								8.29E-01		
9016-87-9	SVOCs	methylene diphenyl diisocyanate (PMDI)		6.00E-04	I	1.71E-04								1.76E-06		
101-77-9	SVOCs	methylenebisbenzenamine;4,4-		2.00E-02	C	5.71E-03	4.60E-04	C	1.61E+00			1.60E+00	C	1.00E+03		
60-34-4	VOCs	methylhydrazine		2.00E-05	X	5.71E-06	1.00E-03	X	3.50E+00	1.00E-03	P			1.00E+06		
51218-45-2	Pesticides	metolachlor								1.50E-01	I			5.30E+02		
21087-64-9	Pesticides	metribuzin								2.50E-02	I			1.05E+03		
2385-85-5	Pesticides	mirex					5.10E-03	C	1.79E+01	2.00E-04	I	1.80E+01	C	8.50E-02		
2212-67-1	Pesticides	molinat								2.00E-03	I			9.70E+02		
7439-98-7	Metals	molybdenum		2.00E-03	A	5.71E-04				5.00E-03	I					
10599-90-3	Disinfectants	monochloramine	MCL FOR DISINFECTANTS							1.00E-01	I					
300-76-5	Pesticides	naled								2.00E-03	I			1.50E+00		
91-20-3	PAHs	naphthalene		3.00E-03	I	8.57E-04	3.40E-05	C	1.19E-01	2.00E-02	I			3.10E+01	Table 747-4	1.05E+01
15299-99-7	Pesticides	napropamide								1.20E-01	O			7.30E+01		
104-51-8	VOCs	n-butylbenzene								5.00E-02	P			1.18E+01		
E715532	Metals	nickel refinery dust		1.40E-05	C	4.00E-06	2.40E-04	I	8.40E-01	1.10E-02	C	9.10E-01	C			
7440-02-0	Metals	NICKEL SOLUBLE SALTS	HARDNESS - DEPENDENT	9.00E-05	A	2.57E-05	2.60E-04	C	9.10E-01	2.00E-02	I					4.70E+01
12035-72-2	Metal compounds	nickel subsulfide		1.40E-05	C	4.00E-06	4.80E-04	I	1.68E+00	1.10E-02	C	1.70E+00	C			
14797-55-8	Nutrients	nitrate								1.60E+00	I					
14797-65-0	Nutrients	nitrite								1.00E-01	I					
88-74-4	SVOCs	nitroaniline, 2-		5.00E-05	X	1.43E-05				1.00E-02	X			1.47E+03		
100-01-6	SVOCs	nitroaniline, 4-		6.00E-03	P	1.71E-03				4.00E-03	P	2.00E-02	P	7.28E+02		
98-95-3	Explosives	nitrobenzene		9.00E-03	I	2.57E-03	4.00E-05	I	1.40E-01	2.00E-03	I			2.09E+03	1996 SSL	2.89E+00
67-20-9	SVOCs	nitrofurantoin								7.00E-02	H			7.95E+01		
59-87-0	SVOCs	nitrofurazone					3.70E-04	C	1.30E+00			1.30E+00	C	2.10E+02		
55-63-0	Explosives	nitroglycerin								1.00E-04	P	1.70E-02	P	1.38E+03		
556-88-7	SVOCs	nitroguanidine								1.00E-01	I			4.40E+03		
79-46-9	VOCs	nitropropane;2-		2.00E-02	I	5.71E-03	5.80E-04	X	2.03E+00					1.70E+04		
1116-54-7	SVOCs	nitrosodiethanolamine;N-					8.00E-04	C	2.80E+00			2.80E+00	I	1.00E+06		
55-18-5	SVOCs	nitrosodiethylamine;N-					4.30E-02	I	1.51E+02			1.50E+02	I	1.06E+05		
62-75-9	SVOCs	nitrosodimethylamine;N-		4.00E-05	X	1.14E-05	1.40E-02	I	4.90E+01	8.00E-06	P	5.10E+01	I	1.00E+06		2.60E-02
924-16-3	VOCs	nitroso-di-n-butylamine;N-					1.60E-03	I	5.60E+00			5.40E+00	I	1.27E+03		
621-64-7	SVOCs	nitroso-di-n-propylamine;N-					2.00E-03	C	7.00E+00			7.00E+00	I	9.89E+03	1996 SSL	1.13E+00
86-30-6	SVOCs	nitrosodiphenylamine;N-					2.60E-06	C	9.10E-03			4.90E-03	I	3.51E+01	1996 SSL	1.36E+02
759-73-9	SVOCs	nitroso-n-ethylurea;n-					7.70E-03	C	2.70E+01			2.70E+01	C	1.30E+04		
10595-95-6	SVOCs	nitroso-N-methylethylamine;N-					6.30E-03	C	2.21E+01			2.20E+01	I	3.00E+05		
684-93-5	SVOCs	nitroso-n-methylurea;n-					3.40E-02	C	1.19E+02			1.20E+02	C	1.44E+04		
930-55-2	SVOCs	nitrosopyrrolidine;N-					6.10E-04	I	2.14E+00			2.10E+00	I	1.00E+06		

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99-08-1 88-72-2 99-99-0	Explosives	nitrotoluene, m- nitrotoluene, o- nitrotoluene, p-								1.00E-04 9.00E-04 4.00E-03	X P P			5.00E+02 6.50E+02 4.42E+02		
84852-15-3 27314-13-2 85509-19-9	Phenols Pesticides Pesticides	nonylphenol norflurazon nustar								1.50E-02 2.00E-03	O O			6.35E+00 3.37E+01 5.40E+01		
32536-52-0 2691-41-0 152-16-9	PBDEs Explosives SVOCs	octabromodiphenyl ether octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine octamethylpyrophosphoramidate								3.00E-03 5.00E-02 2.00E-03	I I H			1.11E-08 5.00E+00 1.00E+06		3.20E+00
19044-88-3 19666-30-9 23135-22-0	Pesticides Pesticides Pesticides (Carbamate)	oryzalin oxadiazon oxamyl								1.40E-01 5.00E-03 2.50E-02	O I I	7.80E-03	O	2.50E+00 7.00E-01 2.80E+05		
42874-03-3 76738-62-0 1910-42-5	Pesticides Herbicides Pesticides	oxyfluorfen paclobutrazol Paraquat Dichloride								3.00E-02 1.30E-02 4.50E-03	O I I	7.30E-02	O	1.16E-01 2.60E+01 6.20E+05		
56-38-2 1114-71-2 40487-42-1	Pesticides Pesticides Pesticides	parathion pebulate pendimethalin								6.00E-03 5.00E-02 3.00E-01	H H O			1.10E+01 1.00E+02 3.30E-01		
87-84-3 60348-60-9 32534-81-9	SVOCs PBDEs PBDEs	pentabromo-6-chloro-cyclohexane;1,2,3,4,5- pentabromodiphenyl ether; 2,2',4,4',5- pentabromodiphenyl ethers								2.00E-02 1.00E-04 2.00E-03	X I I	2.00E-02	X	5.50E-02 7.86E-05 2.40E-03		8.10E+03
608-93-5 76-01-7 82-68-8	SVOCs VOCs Pesticides	pentachlorobenzene pentachloroethane pentachloronitrobenzene								8.00E-04 3.00E-03	I I I	9.00E-02 2.60E-01	P H	8.31E-01 4.90E+02 4.40E-01		
87-86-5 109-66-0 14797-73-0	Herbicides VOCs Perchlorates	PENTACHLOROPHENOL pentane;n- perchlorate and perchlorate salts	pH-DEPENDENT	1.00E+00	P	2.86E-01	5.10E-06	C	1.79E-02	5.00E-03 7.00E-04	I I	4.00E-01	I	1.95E+03 3.80E+01 2.45E+05	1996 SSL	1.10E+01
52645-53-1 unavailable19 13684-63-4	Pesticides General Chemistry Pesticides	permethrin pH phenmedipham	pH NOTES							5.00E-02 2.40E-01	I O			6.00E-03 4.70E+00		
108-95-2 106-50-3 108-45-2	Phenols SVOCs SVOCs	phenol phenylenediamine, p- phenylenediamine;m-		2.00E-01	C	5.71E-02				3.00E-01 1.00E-03 6.00E-03	I X I			8.28E+04 3.70E+04 2.38E+05	1996 SSL	1.40E+00
95-54-5 62-38-4 90-43-7	SVOCs Metals (organometallic) Phenols	phenylenediamine;o- phenylmercuric acetate phenylphenol;2-								4.00E-03 8.00E-05	P I	1.20E-01 1.90E-03	P H	4.04E+04 4.37E+03 7.00E+02		
298-02-2 75-44-5 732-11-6	Pesticides VOCs Pesticides	phorate phosgene phosmet		3.00E-04	I	8.57E-05				2.00E-04 2.00E-02	H I			5.00E+01 6.83E+03 2.44E+01		
7803-51-2 7664-38-2 7723-14-0	Gases SVOCs Nonmetal inorganics	phosphine phosphoric acid phosphorus		3.00E-04 1.00E-02	I I	8.57E-05 2.86E-03				3.00E-04 4.90E+01 2.00E-05	I P I			2.60E+05 5.48E+06 3.00E+00		
100-21-0 85-44-9 1918-02-1	Phthalates Phthalates Herbicides	phthalic acid;p- phthalic anhydride picloram		2.00E-02	C	5.71E-03				5.00E-01 2.00E+00 7.00E-02	X I I			1.50E+01 6.20E+03 4.30E+02		
29232-93-7 36355-01-8 1336-36-3	Pesticides PBBs PCBs	pirimiphos-methyl polybrominated biphenyls polychlorinated biphenyls (PCBs)					8.60E-03 5.70E-04	C I	3.01E+01 2.00E+00	7.00E-05 7.00E-06	O H	3.00E+01 2.00E+00	C I	8.60E+00 7.00E-01		3.12E+04
151-50-8 7778-74-7 506-61-6	Cyanides Perchlorates Cyanides	potassium cyanide potassium perchlorate potassium silver cyanide								2.00E-03 7.00E-04 5.00E-03	I I I			7.20E+05 1.50E+04		
67747-09-5 26399-36-0 1610-18-0	Pesticides Pesticides Pesticides	prochloraz (not in HSDB) profluralin prometon								9.00E-03 6.00E-03 1.50E-02	I H I	1.50E-01	I	3.40E+01 1.00E-01 7.50E+02		
7287-19-6 23950-58-5	Pesticides Pesticides	prometryn pronamide								4.00E-02 7.50E-02	O I			3.30E+01 1.50E+01		

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	RfC Inhalation Reference Concentration (mg/m ³)	S o u r c e	RfDi Inhalation Reference Dose (mg/kg-day)	IUR Inhalation Unit Risk (µg/m ³) ⁻¹	S o u r c e	CPFi Inhalation Cancer Potency Factor (kg-day/mg)	RfDo Oral Reference Dose (mg/kg-day)	S o u r c e	CPFo Oral Cancer Potency Factor (kg-day/mg)	S o u r c e	S (Aqueous Solubility) (mg/L)	Ref. ORNL RAIS (unless noted)	BCF (Bioconcentration Factor) see WAC 173-340-708(9) (L/kg)
1918-16-7	Pesticides	propachlor								1.30E-02	I			5.80E+02		
709-98-8	Pesticides	propanil								5.00E-03	I			1.52E+02		
2312-35-8	Pesticides	propargite								4.00E-02	O	1.90E-01	O	2.15E-01		
107-19-7	VOCs	propargyl alcohol								2.00E-03	I			1.00E+06		
139-40-2	Pesticides	propazine								2.00E-02	I			8.60E+00		
122-42-9	Pesticides	propham								2.00E-02	I			1.79E+02		
60207-90-1	Pesticides	propiconazole								1.00E-01	O			1.10E+02		
123-38-6	VOCs	propionaldehyde		8.00E-03	I	2.29E-03								3.06E+05		
93-65-2	Herbicides	propionic acid;(2-methyl-4-chlorophenoxy)2-								1.00E-03	I			6.20E+02		
103-65-1	VOCs	propylbenzene;n-		1.00E+00	X	2.86E-01				1.00E-01	X			5.22E+01		
57-55-6	Glycols	propylene glycol								2.00E+01	P			1.00E+06		
6423-43-4	Glycols	propylene glycol dinitrate;1,2-		2.70E-04	A	7.71E-05								3.26E+03		
52125-53-8	Glycols	propylene glycol monoethyl ether								7.00E-01	H			3.66E+05		
107-98-2	Glycols	propylene glycol monomethyl ether		2.00E+00	I	5.71E-01				7.00E-01	H			1.00E+06		
75-56-9	VOCs	propylene oxide		3.00E-02	I	8.57E-03	3.70E-06	I	1.30E-02			2.40E-01	I	5.90E+05		
81335-77-5	Pesticides	pursuit								2.50E+00	O			1.40E+03		
51630-58-1	Pesticides	pydrin								2.50E-02	I			2.40E-02		
129-00-0	PAHs	pyrene								3.00E-02	I			1.35E-01	1996 SSL	3.00E+01
110-86-1	VOCs	pyridine								1.00E-03	I			1.00E+06		
13593-03-8	Pesticides	quinalphos								5.00E-04	I			2.20E+01		
91-22-5	SVOCs	quinoline										3.00E+00	I	6.11E+03		
13982-63-3	Radionuclides	radium 226	RADIUM 226 NOTE													
unavailable23	Radionuclides	radium 226 and 228	RADIUM 226 & 228 NOTES													
121-82-4	Explosives	rdx								4.00E-03	I	8.00E-02	I	5.97E+01		
E715557	Fibers	REFRACTORY CERAMIC FIBERS	REFRACTORY FIBER NOTE	3.00E+04	A											
10453-86-8	Pesticides	resmethrin								3.00E-02	I			3.79E-02		
299-84-3	Pesticides	ronnel								5.00E-02	H			1.00E+00		
83-79-4	Pesticides	rotenone								4.00E-03	I			2.00E-01		
78-48-8	Pesticides	s,s,s-tributylphosphorotrithioate								1.00E-04	O			2.30E+00		
78587-05-0	Pesticides	savey								2.50E-02	I			5.00E-01		
135-98-8	VOCs	sec-butylbenzene								1.00E-01	X			1.76E+01		
7783-00-8	Metal compounds	selenious acid								5.00E-03	I			9.00E+05		
7782-49-2	Metals	selenium and compounds		2.00E-02	C	5.71E-03				5.00E-03	I					4.80E+00
74051-80-2	Pesticides	sethoxydim								1.40E-01	O			2.50E+01		
7440-22-4	Metals	SILVER	HARDNESS - DEPENDENT							5.00E-03	I					5.00E-01
506-64-9	Cyanides	silver cyanide								1.00E-01	I			2.30E+01		
122-34-9	Pesticides	simazine								5.00E-03	I	1.20E-01	H	6.20E+00		
26628-22-8	Metal compounds	sodium azide								4.00E-03	I			4.08E+05		
143-33-9	Cyanides	sodium cyanide								1.00E-03	I			5.82E+05		
148-18-5	Metals (organometallic)	sodium diethyldithiocarbamate								3.00E-02	I	2.70E-01	H	3.64E+05		
62-74-8	Metals (organometallic)	sodium fluoroacetate								2.00E-05	I			1.11E+06		
13718-26-8	Metal compounds	sodium metavanadate								1.00E-03	H			2.10E+05		
7601-89-0	Perchlorates	sodium perchlorate								7.00E-04	I			2.10E+06		
7440-24-6	Metals	strontium								6.00E-01	I					
57-24-9	SVOCs	strychnine								3.00E-04	I			1.60E+02		
100-42-5	VOCs	styrene		1.00E+00	I	2.86E-01				2.00E-01	I			3.10E+02	1996 SSL	
88671-89-0	Pesticides	sythane								2.50E-02	I			1.42E+02		
1746-01-6	Dioxins	TCDD;2,3,7,8- (LOW ORGANIC) (DIOXIN)	TEF NOTES	4.00E-08	C	1.14E-08	3.80E+01	C	1.33E+05	7.00E-10	I	1.30E+05	C	2.00E-04		5.00E+03
34014-18-1	Pesticides	tebuthiuron								7.00E-02	I			2.50E+03		
3383-96-8	Pesticides	temephos								2.00E-02	H			2.70E-01		
5902-51-2	Pesticides	terbacil								1.30E-02	I			7.10E+02		
13071-79-9	SVOCs	terbufos								2.50E-05	H			5.07E+00		
886-50-0	Pesticides	terbutryn								1.00E-03	I			2.50E+01		
98-06-6	VOCs	tert-butylbenzene								1.00E-01	X			2.95E+01		
5436-43-1	PBDEs	tetrabromodiphenyl ether 2,2',4,4'								1.00E-04	I			1.46E-03		
95-94-3	SVOCs	tetrachlorobenzene;1,2,4,5-								3.00E-04	I			5.95E-01		

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630-20-6	VOCs	tetrachloroethane;1,1,1,2-					7.40E-06	I	2.59E-02	3.00E-02	I	2.60E-02	I	1.07E+03		
79-34-5	VOCs	tetrachloroethane;1,1,2,2-					5.80E-05	C	2.03E-01	2.00E-02	I	2.00E-01	I	2.97E+03	1996 SSL	5.00E+00
127-18-4	VOCs	TETRACHLOROETHYLENE (PCE)	PCE NOTES	4.00E-02	I	1.14E-02	2.60E-07	I	9.10E-04	6.00E-03	I	2.10E-03	I	2.00E+02	1996 SSL	3.10E+01
58-90-2	Phenols	TETRACHLOROPHENOL;2,3,4,6-	pH-DEPENDENT							3.00E-02	I			2.30E+01		
5216-25-1	VOCs	tetrachlorotoluene;p,a,a,a,-								6.00E-05	X	1.60E+01	X	4.04E+00		
961-11-5	Pesticides	tetrachlorvinphos								3.00E-02	I	2.40E-02	H	1.10E+01		
3689-24-5	Pesticides	tetraethyl dithiopyrophosphate								5.00E-04	I			3.00E+01		
78-00-2	Metals (organometallic)	tetraethyl lead								1.00E-07	I			2.90E-01		
811-97-2	VOCs	tetrafluoroethane;1,1,1,2-		8.00E+01	I	2.29E+01								2.04E+03		
109-99-9	Furans	tetrahydrofuran		2.00E+00	I	5.71E-01				9.00E-01	I			1.00E+06		
1314-32-5	Metal compounds	thallic oxide								2.00E-05	S					
563-68-8	Metal compounds	thallium acetate								1.00E-05	X			2.80E+04		
6533-73-9	Metal compounds	thallium carbonate								2.00E-05	X			5.20E+04		
7791-12-0	Metal compounds	thallium chloride								1.00E-05	X			2.90E+03		
10102-45-1	Metal compounds	thallium nitrate								1.00E-05	X			9.55E+04		
12039-52-0	Metal compounds	thallium selenite								1.00E-05	S					1.16E+02
7446-18-6	Metal compounds	thallium(I) sulfate								2.00E-05	X			5.47E+04		
7440-28-0	Metals	thallium, soluble salts								1.00E-05	X					
28249-77-6	Pesticides	thiobencarb								1.00E-02	I			2.80E+01		
21564-17-0	SVOCs	thiocyanomethylthiobenzothiazole;2-								3.00E-02	H			1.25E+02		
39196-18-4	Pesticides	thiofanox								3.00E-04	H			5.20E+03		
23564-05-8	Pesticides	thiophanate-methyl								2.70E-02	O	1.20E-02	O	2.66E+01		
137-26-8	Pesticides	thiram								1.50E-02	O			3.00E+01		
7440-31-5	Metals	tin								6.00E-01	H					
118-96-7	Explosives	tnt								5.00E-04	I	3.00E-02	I	1.15E+02		
108-88-3	VOCs	toluene		5.00E+00	I	1.43E+00				8.00E-02	I			5.26E+02	Table 747-4	1.07E+01
26471-62-5	VOCs	toluene diisocyanate mixture;2,4-/2,6-					1.10E-05	C	3.85E-02			3.90E-02	C	3.76E+01		
584-84-9	VOCs	toluene-2,4-diisocyanate		8.00E-06	C	2.29E-06	1.10E-05	C	3.85E-02			3.90E-02	C	3.76E+01		
91-08-7	VOCs	toluene-2,6-diisocyanate		8.00E-06	C	2.29E-06	1.10E-05	C	3.85E-02			3.90E-02	C	3.76E+01		
95-70-5	SVOCs	toluenediamine;2,5-								2.00E-04	X	1.80E-01	X	7.72E+04		
106-49-0	SVOCs	toluidine;p-								4.00E-03	X	3.00E-02	P	6.50E+03		
8001-35-2	Pesticides	toxaphene					3.20E-04	I	1.12E+00	9.00E-05	P	1.10E+00	I	7.40E-01	1996 SSL	1.31E+04
93-72-1	Herbicides	tp;2,4,5-								8.00E-03	I			7.10E+01		
unavailable09	Petroleum	tph, diesel range organics														
unavailable10	Petroleum	tph, heavy oils														
unavailable11	Petroleum	tph, mineral oils														
unavailable25	Petroleum	tph: gasoline range organics, benzene present														
unavailable08	Petroleum	tph: gasoline range organics, no detectable benzene														
66841-25-6	Pesticides	tralomethrin								7.50E-03	I			8.00E-02		
2303-17-5	Pesticides	triallate								2.50E-02	O	7.20E-02	O	4.00E+00		
82097-50-5	Pesticides	triasulfuron								1.00E-02	I			3.20E+01		
615-54-3	VOCs	tribromobenzene;1,2,4-								5.00E-03	I			4.90E+00		
688-73-3	Organotins	tributyltin								3.00E-04	I			7.30E-03		
56-35-9	Organotins	tributyltin oxide												1.95E+01		
10025-85-1	Disinfectants	trichloramine	MCL FOR DISINFECTANTS													
76-13-1	VOCs	trichloro-1,2,2-trifluoroethane;1,1,2-		5.00E+00	P	1.43E+00				3.00E+01	I			1.70E+02		
76-03-9	SVOCs	trichloroacetic acid								2.00E-02	I	7.00E-02	I	5.46E+04		
33663-50-2	SVOCs	trichloroaniline hydrochloride;2,4,6-										2.90E-02	H	2.10E+01		
634-93-5	SVOCs	trichloroaniline;2,4,6-								3.00E-05	X	7.00E-03	X	4.00E+01		
87-61-6	VOCs	trichlorobenzene;1,2,3-								8.00E-04	X			1.80E+01		
120-82-1	VOCs	trichlorobenzene;1,2,4-		2.00E-03	P	5.71E-04				1.00E-02	I	2.90E-02	P	3.00E+02	1996 SSL	1.14E+02
71-55-6	VOCs	trichloroethane;1,1,1-		5.00E+00	I	1.43E+00				2.00E+00	I			1.33E+03	1996 SSL	5.60E+00
79-00-5	VOCs	trichloroethane;1,1,2-		2.00E-04	X	5.71E-05	1.60E-05	I	5.60E-02	4.00E-03	I	5.70E-02	I	4.42E+03	1996 SSL	4.50E+00
79-01-6	VOCs	TRICHLOROETHYLENE (TCE)	TCE NOTES	2.00E-03	I	5.71E-04	4.10E-06	I-M	1.44E-02	5.00E-04	I	4.60E-02	I-M	1.10E+03	1996 SSL	1.10E+01
75-69-4	VOCs	trichlorofluoromethane		7.00E-01	H	2.00E-01				3.00E-01	I			1.10E+03		
95-95-4	Phenols	TRICHLOROPHENOL;2,4,5-	pH-DEPENDENT							1.00E-01	I			1.20E+03	1996 SSL	

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88-06-2	Phenols	TRICHLOROPHENOL;2,4,6-	pH-DEPENDENT				3.10E-06	I	1.09E-02	1.00E-03	P	1.10E-02	I	8.00E+02	1996 SSL	1.50E+02
93-76-5	Herbicides	trichlorophenoxyacetic acid;2,4,5-								1.00E-02	I			2.78E+02		
598-77-6	VOCs	trichloropropane;1,1,2-								5.00E-03	I			1.90E+03		
96-18-4	VOCs	trichloropropane;1,2,3-		3.00E-04	I	8.57E-05				4.00E-03	I	3.00E+01	I-M	1.75E+03		
96-19-5	VOCs	trichloropropene;1,2,3-		3.00E-04	P	8.57E-05				3.00E-03	X			3.34E+02		
58138-08-2	Pesticides	tridiphane								3.00E-03	I			1.14E+00		
121-44-8	VOCs	triethylamine		7.00E-03	I	2.00E-03								6.86E+04		
1582-09-8	Pesticides	trifluralin								7.50E-03	I	7.70E-03	I	1.84E-01		
unavailable13	VOCs	trihalomethanes, (total) (TTHMs)	TTHM NOTES													
512-56-1	SVOCs	trimethyl phosphate								1.00E-02	P	2.00E-02	P	5.00E+05		
526-73-8	VOCs	trimethylbenzene;1,2,3-		6.00E-02	I	1.71E-02				1.00E-02	I			7.52E+01		
95-63-6	VOCs	trimethylbenzene;1,2,4-		6.00E-02	I	1.71E-02				1.00E-02	I			5.70E+01		
108-67-8	VOCs	trimethylbenzene;1,3,5-		6.00E-02	I	1.71E-02				1.00E-02	I			4.82E+01		
99-35-4	Explosives	trinitrobenzene;1,3,5-								3.00E-02	I			2.78E+02		
479-45-8	Explosives	trinitrophenylmethylnitramine								2.00E-03	P			7.40E+01		
7440-61-1	Radionuclides	uranium, soluble salts	URANIUM, SOLUBLE SALTS	4.00E-05	A	1.14E-05				2.00E-04	A					
7440-62-2	Metals	vanadium		1.00E-04	A	2.86E-05				5.00E-03	S					
1314-62-1	Metal compounds	vanadium pentoxide		7.00E-06	P	2.00E-06	8.30E-03	P	2.91E+01	9.00E-03	I			7.00E+02		
1929-77-7	Pesticides	vernam								1.00E-03	I			9.00E+01		
50471-44-8	Pesticides	vinclozolin								1.20E-03	O			2.60E+00		
108-05-4	VOCs	vinyl acetate		2.00E-01	I	5.71E-02				1.00E+00	H			2.00E+04	1996 SSL	
75-01-4	VOCs	VINYL CHLORIDE	VINYL CHLORIDE NOTES	1.00E-01	I	2.86E-02	8.80E-06	I	3.08E-02	3.00E-03	I	1.50E+00	I	2.76E+03	1996 SSL	1.17E+00
81-81-2	Pesticides	warfarin								3.00E-04	I			1.70E+01		
8012-95-1	Petroleum	white mineral oil								3.00E+00	P					
108-38-3	VOCs	xylene;m-		1.00E-01	S	2.86E-02				2.00E-01	S			1.61E+02	1996 SSL	
95-47-6	VOCs	xylene;o-		1.00E-01	S	2.86E-02				2.00E-01	S			1.78E+02	1996 SSL	
106-42-3	VOCs	xylene;p-		1.00E-01	S	2.86E-02				2.00E-01	S			1.85E+02	1996 SSL	
1330-20-7	VOCs	xylenes		1.00E-01	I	2.86E-02				2.00E-01	I			1.71E+02	Table 747-4	
7440-66-6	Metals	ZINC	HARDNESS - DEPENDENT							3.00E-01	I					4.70E+01
557-21-1	Cyanides	zinc cyanide								5.00E-02	I			4.70E+00		
1314-84-7	Metal compounds	zinc phosphide								3.00E-04	I					
12122-67-7	Pesticides	zineb								5.00E-02	I			1.00E+01		

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Hcc (Henry's Law Constant) 25 degrees C (unitless)	HLC (Henry's Law Constant) 25 degrees C (atm·m ³ /mol)	Ref. ORNL RAIS (unless noted)	Hcc (Henry's Law Constant) 13 degrees C (unitless)	HLC (Henry's Law Constant) 13 degrees C (atm·m ³ /mol)	VP (Vapor Pressure) 25 degrees C ORNL RAIS mmHg	INH (Ground Water Inhalation Correction Factor) (unitless)	Kd (Distribution Factor for metals) (L/kg)	Ref. ORNL RAIS (unless noted)	Koc (Soil Organic Carbon-Water Partitioning Coefficient) (L/kg)	Ref. ORNL RAIS (unless noted)	Kd (Distribution Factor for metals and organics) (L/kg)	AB1 GI Absorption Fraction (unitless)
83-32-9	PAHs	acenaphthene		6.36E-03	1.56E-04	1996 SSL	2.11E-03	4.96E-05	2.15E-03	1			4.90E+03	Table 747-1	4.90E+00	1
30560-19-1	Pesticides	acephate		2.05E-11	5.01E-13				1.70E-06	1			1.00E+01		1.00E-02	1
75-07-0	VOCs	acetaldehyde		2.73E-03	6.67E-05		1.83E-03	4.29E-05	9.02E+02	2			1.00E+00		1.00E-03	1
34256-82-1	Pesticides	acetochlor		9.12E-07	2.23E-08				2.80E-05	1			2.98E+02		2.98E-01	1
67-64-1	VOCs	acetone		1.59E-03	3.89E-05	1996 SSL	9.72E-04	2.28E-05	2.32E+02	2			5.75E-01	1996 SSL	5.75E-04	1
75-86-5	VOCs	acetone cyanohydrin		8.05E-08	1.97E-09		3.49E-08	8.20E-10	3.41E-01	2			1.00E+00		1.00E-03	1
75-05-8	VOCs	acetonitrile		1.41E-03	3.45E-05		8.37E-04	1.96E-05	8.88E+01	2			4.67E+00		4.67E-03	1
98-86-2	SVOCs	acetophenone		4.25E-04	1.04E-05		1.74E-04	4.10E-06	3.97E-01	2			5.19E+01		5.19E-02	1
62476-59-9	Herbicides	acifluorfen, sodium		2.47E-09	6.05E-11				9.75E-09	2			3.88E+03		3.88E+00	1
107-02-8	VOCs	acrolein		4.99E-03	1.22E-04		3.11E-03	7.29E-05	2.74E+02	2			1.00E+00		1.00E-03	1
79-06-1	VOCs	acrylamide		6.95E-08	1.70E-09		1.59E-08	3.74E-10	7.00E-03	2			5.69E+00		5.69E-03	1
79-10-7	VOCs	acrylic acid		1.51E-05	3.70E-07		6.17E-06	1.45E-07	3.97E+00	2			1.44E+00		1.44E-03	1
107-13-1	VOCs	acrylonitrile		5.64E-03	1.38E-04		3.18E-03	7.47E-05	1.09E+02	2			8.51E+00		8.51E-03	1
15972-60-8	Pesticides	alachlor		3.40E-07	8.32E-09				2.20E-05	1			3.12E+02		3.12E-01	1
1596-84-5	Pesticides	alar		1.73E-08	4.23E-10				2.00E-04	1			1.00E+01		1.00E-02	1
116-06-3	Pesticides (Carbamate)	aldicarb		5.89E-08	1.44E-09				3.47E-05	1			2.46E+01		2.46E-02	1
1646-88-4	Pesticides (Carbamate)	aldicarb sulfone		1.38E-07	3.37E-09				9.00E-05	1			1.00E+01		1.00E-02	1
309-00-2	Pesticides	aldrin		6.97E-03	1.70E-04	1996 SSL	3.13E-04	7.35E-06	1.20E-04	2			4.87E+04	Table 747-1	4.87E+01	1
74223-64-6	Pesticides	allyl		5.40E-15	1.32E-16				2.50E-12	1			9.25E+01		9.25E-02	1
107-18-6	VOCs	allyl alcohol		2.04E-04	4.99E-06		9.62E-05	2.26E-06	2.61E+01	2			1.90E+00		1.90E-03	1
107-05-1	VOCs	allyl chloride		4.50E-01	1.10E-02		2.79E-01	6.56E-03	3.68E+02	2			3.96E+01		3.96E-02	1
7429-90-5	Metals	aluminum		0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	1.50E+03				1.50E+03	1
20859-73-8	Metal compounds	aluminum phosphide								1						1
67485-29-4	Pesticides	amdoro		8.99E-05	2.20E-06				2.03E-08	1			1.80E+08		1.80E+05	1
834-12-8	Pesticides	ametryn		9.93E-08	2.43E-09				2.74E-06	1			4.28E+02		4.28E-01	1
92-67-1	SVOCs	aminobiphenyl;4-		5.97E-06	1.46E-07		1.80E-06	4.22E-08	1.17E-04	1			2.47E+03		2.47E+00	1
591-27-5	Phenols	aminophenol;m-		8.09E-09	1.98E-10		3.32E-09	7.78E-11	9.55E-03	1			9.02E+01		9.02E-02	1
33089-61-1	Pesticides	amitraz		4.04E-04	9.87E-06				2.00E-06	1			2.57E+05		2.57E+02	1
7664-41-7	Nutrients	AMMONIA	AMMONIA NOTES	6.58E-04	1.61E-05		4.81E-04	1.13E-05	7.51E+03	2						1
7790-98-9	Perchlorates	ammonium perchlorate								1						1
7773-06-0	Pesticides	ammonium sulfamate								1						1
62-53-3	SVOCs	aniline		8.26E-05	2.02E-06		3.60E-05	8.46E-07	6.67E-01	2			7.02E+01		7.02E-02	1
120-12-7	PAHs	anthracene		2.67E-03	6.53E-05	1996 SSL	7.65E-04	1.80E-05	6.53E-06	1			2.35E+04	Table 747-1	2.35E+01	1
7440-36-0	Metals	antimony		0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	4.50E+01	1996 SSL			4.50E+01	1
1314-60-9	Metal compounds	antimony pentoxide								1						1
28300-74-5	Metal compounds	antimony potassium tartrate							1.26E-13	1			1.34E+01		1.34E-02	1
1332-81-6	Metal compounds	antimony tetroxide								1						1
1309-64-4	Metal compounds	antimony trioxide								1						1
74115-24-5	Pesticides	apollo		1.59E-08	3.90E-10				9.75E-10	1			3.02E+04		3.02E+01	1
140-57-8	SVOCs	aramite		7.77E-06	1.90E-07				2.18E-07	1			5.55E+03		5.55E+00	1
12674-11-2	PCBs	aroclor 1016		8.18E-03	2.00E-04				4.00E-04	1			1.07E+05	Table 747-1	1.07E+02	1
11097-69-1	PCBs	aroclor 1254		1.16E-02	2.83E-04		3.14E-03	7.38E-05	7.71E-05	1			8.10E+05	1994 SSL	8.10E+02	1
11096-82-5	PCBs	aroclor 1260		1.37E-02	3.36E-04				4.05E-05	1			8.22E+05	Table 747-1	8.22E+02	1
7440-38-2	Metals	arsenic, inorganic		0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	2.90E+01	Table 747-3			2.90E+01	1
7784-42-1	Gases	arsine								2						1
1332-21-4	Fibers	ASBESTOS	ASBESTOS NOTE							1						1
76578-14-8	Pesticides	assure		4.33E-07	1.06E-08				6.49E-09	1			7.74E+03		7.74E+00	1
3337-71-1	Pesticides	asulam		6.99E-11	1.71E-12				1.44E-06	1			2.78E+01		2.78E-02	1
1912-24-9	Pesticides	atrazine		9.65E-08	2.36E-09				2.89E-07	1			2.25E+02		2.25E-01	1
65195-55-3	Pesticides	avermectin B1		5.40E-26	1.32E-27				1.46E-30	1			8.77E+05		8.77E+02	1
103-33-3	Pesticides	azobenzene		5.52E-04	1.35E-05		1.91E-04	4.48E-06	3.61E-04	1			3.76E+03		3.76E+00	1
7440-39-3	Metals	barium and compounds		0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	4.10E+01	1996 SSL			4.10E+01	1
114-26-1	Pesticides	baygon		5.85E-08	1.43E-09				2.10E-05	1			6.00E+01		6.00E-02	1
43121-43-3	Pesticides	bayleton		3.32E-09	8.11E-11				1.50E-08	1			2.99E+02		2.99E-01	1
68359-37-5	Pesticides	baythroid		1.19E-06	2.90E-08				1.50E-10	1			1.31E+05		1.31E+02	1
1861-40-1	Pesticides	benefin		1.19E-02	2.91E-04				6.53E-05	2			1.64E+04		1.64E+01	1

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17804-35-2	Pesticides	benomyl		2.02E-10	4.93E-12			3.70E-09	1				3.36E+02		3.36E-01	1
25057-89-0	Herbicides	bentazon		8.91E-08	2.18E-09			3.45E-06	1				1.00E+01		1.00E-02	1
100-52-7	VOCs	benzaldehyde		1.09E-03	2.67E-05		4.76E-04	1.12E-05	2				1.11E+01		1.11E-02	1
71-43-2	VOCs	BENZENE		2.28E-01	5.58E-03	Table 747-4	1.34E-01	3.14E-03	9.48E+01	2			6.20E+01	Table 747-1	6.20E-02	1
108-98-5	SVOCs	benzenethiol		1.37E-02	3.35E-04		6.37E-03	1.50E-04	1.93E+00	2			2.34E+02		2.34E-01	1
92-87-5	SVOCs	benzidine		2.11E-09	5.17E-11		4.89E-10	1.15E-11	8.98E-07	1			1.19E+03		1.19E+00	1
56-55-3	cPAHs	BENZO[a]ANTHRACENE	PAH NOTES	1.37E-04	3.35E-06	1996 SSL	2.68E-05	6.29E-07	2.10E-07	1			3.58E+05	Table 747-1	3.58E+02	1
50-32-8	cPAHs	BENZO[a]PYRENE	PAH NOTES	4.63E-05	1.13E-06	1996 SSL	8.94E-06	2.10E-07	5.49E-09	1			9.69E+05	Table 747-1	9.69E+02	1
205-99-2	cPAHs	BENZO[b]FLUORANTHENE	PAH NOTES	4.55E-03	1.11E-04	1996 SSL	1.02E-03	2.40E-05	5.00E-07	1			1.23E+06	1996 SSL	1.23E+03	1
207-08-9	cPAHs	BENZO[k]FLUORANTHENE	PAH NOTES	3.40E-05	8.32E-07	1996 SSL	6.09E-06	1.43E-07	9.65E-10	1			1.23E+06	1996 SSL	1.23E+03	1
65-85-0	SVOCs	BENZOIC ACID	pH-DEPENDENT	6.31E-05	1.54E-06	1996 SSL	2.11E-05	4.95E-07	7.00E-04	1			6.00E-01	Table 747-2	6.00E-04	1
98-07-7	VOCs	benzotrithloride		1.06E-02	2.60E-04		4.60E-03	1.08E-04	4.14E-01	2			1.00E+03		1.00E+00	1
100-51-6	SVOCs	benzyl alcohol		1.38E-05	3.37E-07		4.92E-06	1.15E-07	9.40E-02	2			2.15E+01		2.15E-02	1
100-44-7	VOCs	benzyl chloride		1.68E-02	4.12E-04		8.22E-03	1.93E-04	1.23E+00	2			4.46E+02		4.46E-01	1
7440-41-7	Metals	beryllium		0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	7.90E+02	1996 SSL			7.90E+02	1
91-58-7	PAHs	beta-chloronaphthalene		1.31E-02	3.20E-04		4.84E-03	1.14E-04	1.22E-02	2			2.48E+03		2.48E+00	1
141-66-2	Pesticides	bidrin		2.06E-09	5.03E-11				1.60E-04	1			1.66E+01		1.66E-02	1
82657-04-3	Pesticides	biphenrin		4.09E-05	1.00E-06				1.80E-07	1			2.27E+06		2.27E+03	1
92-52-4	PAHs	biphenyl;1,1-		1.26E-02	3.08E-04		4.77E-03	1.12E-04	8.93E-03	2			5.13E+03		5.13E+00	1
108-60-1	VOCs	bis(2-chloro-1-methyl-ethyl)ether		3.03E-03	7.42E-05		1.35E-03	3.17E-05	5.60E-01	2			8.29E+01		8.29E-02	1
111-91-1	SVOCs	bis(2-chloroethoxy)methane		1.57E-04	3.85E-06		6.56E-05	1.54E-06	1.32E-01	1			1.44E+01		1.44E-02	1
111-44-4	SVOCs	bis(2-chloroethyl)ether		7.38E-04	1.81E-05	1996 SSL	2.96E-04	6.95E-06	1.55E+00	2			7.60E+01	Table 747-1	7.60E-02	1
117-81-7	Phthalates	bis(2-ethylhexyl) phthalate		4.18E-06	1.02E-07	1996 SSL	8.88E-07	2.08E-08	1.42E-07	1			1.11E+05	Table 747-1	1.11E+02	1
542-88-1	VOCs	bis(chloromethyl)ether		1.78E-01	4.36E-03		9.41E-02	2.21E-03	2.94E+01	2			9.70E+00		9.70E-03	1
80-05-7	Phenols	bisphenol a		4.09E-10	1.00E-11		6.88E-11	1.62E-12	3.91E-07	1			3.77E+04		3.77E+01	1
7440-42-8	Metals	boron		0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	3.00E+00				3.00E+00	1
15541-45-4	Pesticides	bromate								1	7.50E+00				7.50E+00	1
79-08-3	SVOCs	bromoacetic acid		2.67E-07	6.52E-09				1.19E-01	1			1.44E+00		1.44E-03	1
108-86-1	VOCs	bromobenzene		1.01E-01	2.47E-03		4.32E-02	1.02E-03	4.18E+00	2			2.34E+02		2.34E-01	1
74-97-5	VOCs	bromochloromethane		5.97E-02	1.46E-03		3.59E-02	8.44E-04	1.43E+02	2			2.17E+01		2.17E-02	1
75-27-4	VOCs	bromodichloromethane	TTHM NOTES	6.56E-02	1.60E-03	1996 SSL	3.71E-02	8.71E-04	5.00E+01	2			5.50E+01	1996 SSL	5.50E-02	1
593-60-2	VOCs	bromoethene		5.03E-01	1.23E-02		3.52E-01	8.26E-03	1.03E+03	2			2.17E+01		2.17E-02	1
75-25-2	VOCs	bromoform	TTHM NOTES	2.19E-02	5.36E-04	1996 SSL	1.05E-02	2.47E-04	5.40E+00	2			1.26E+02	Table 747-1	1.26E-01	1
74-83-9	VOCs	bromomethane		2.56E-01	6.26E-03	1996 SSL	1.79E-01	4.21E-03	1.62E+03	2			9.00E+00	Table 747-1	9.00E-03	1
2104-96-3	Pesticides	bromophos		8.38E-03	2.05E-04				1.28E-04	1			2.02E+03		2.02E+00	1
1689-84-5	Pesticides	bromoxynil		5.40E-09	1.32E-10				4.72E-08	1			3.30E+02		3.30E-01	1
1689-99-2	Pesticides	bromoxynil octanoate		1.30E-03	3.19E-05				4.80E-06	1			4.25E+03		4.25E+00	1
106-99-0	VOCs	butadiene;1,3-		3.01E+00	7.36E-02		2.18E+00	5.11E-02	2.11E+03	2			3.96E+01		3.96E-02	1
71-36-3	VOCs	butanol;n-		3.61E-04	8.83E-06	1996 SSL	1.55E-04	3.64E-06	6.70E+00	2			6.92E+00	1996 SSL	6.92E-03	1
85-68-7	Phthalates	butyl benzyl phthalate		5.17E-05	1.26E-06	1996 SSL	1.47E-05	3.46E-07	8.25E-06	1			1.37E+04	Table 747-1	1.37E+01	1
2008-41-5	Pesticides	butylate		3.45E-03	8.45E-05				1.30E-02	2			3.86E+02		3.86E-01	1
85-70-1	Phthalates	butylphthalyl butylglycolate		8.42E-07	2.06E-08				7.07E-06	1			1.12E+04		1.12E+01	1
94-81-5	Pesticides	butyric acid;4-(2-methyl-4-chlorophenoxy)-		1.11E-07	2.71E-09				4.33E-07	1			9.84E+01		9.84E-02	1
75-60-5	Pesticides	cacodylic acid		7.36E-13	1.80E-14				1.00E-07	1			4.39E+01		4.39E-02	1
7440-43-9	Metals	CADMIUM (POTABLE GROUNDWATER & SURFACE WATER)	CADMIUM NOTES	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	6.70E+00	Table 747-3			6.70E+00	1
7440-43-9a	Metals	CADMIUM (SOIL & NONPOTABLE SURFACE WATER)	CADMIUM NOTES	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	6.70E+00	Table 747-3			6.70E+00	1
592-01-8	Cyanides	calcium cyanide								1						1
105-60-2	SVOCs	caprolactam		1.03E-06	2.53E-08		3.24E-07	7.61E-09	1.60E-03	1			2.45E+01		2.45E-02	1
2425-06-1	Pesticides	captafol		2.01E-07	4.92E-09				1.50E-08	1			7.83E+02		7.83E-01	1
133-06-2	Pesticides	captan		2.86E-07	7.00E-09				9.00E-08	1			2.52E+02		2.52E-01	1
63-25-2	Pesticides (Carbamate)	carbaryl		1.34E-07	3.27E-09				1.36E-06	1			3.55E+02		3.55E-01	1
1563-66-2	Pesticides (Carbamate)	carbofuran		1.26E-07	3.09E-09				4.85E-06	1			9.53E+01		9.53E-02	1
75-15-0	VOCs	carbon disulfide		1.24E+00	3.03E-02	1996 SSL	8.06E-01	1.89E-02	3.59E+02	2			4.57E+01	1996 SSL	4.57E-02	1
56-23-5	VOCs	carbon tetrachloride		1.25E+00	3.06E-02	1996 SSL	7.48E-01	1.76E-02	1.15E+02	2			1.52E+02	Table 747-1	1.52E-01	1
55285-14-8	Pesticides	carbosulfan		2.09E-05	5.12E-07				3.07E-07	1			1.20E+04		1.20E+01	1
5234-68-4	Pesticides	carboxin		1.31E-08	3.20E-10				1.50E-07	1			1.69E+02		1.69E-01	1

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Hcc (Henry's Law Constant) 25 degrees C (unitless)	HLC (Henry's Law Constant) 25 degrees C (atm-m ³ /mol)	Ref. ORNL RAIS (unless noted)	Hcc (Henry's Law Constant) 13 degrees C (unitless)	HLC (Henry's Law Constant) 13 degrees C (atm-m ³ /mol)	VP (Vapor Pressure) 25 degrees C ORNL RAIS mmHg	INH (Ground Water Inhalation Correction Factor) (unitless)	Kd (Distribution Factor for metals) (L/kg)	Ref. ORNL RAIS (unless noted)	Koc (Soil Organic Carbon-Water Partitioning Coefficient) (L/kg)	Ref. ORNL RAIS (unless noted)	Kd (Distribution Factor for metals and organics) (L/kg)	AB1 GI Absorption Fraction (unitless)
1306-38-3	Metals	cerium oxide and cerium compounds								1						1
302-17-0	VOCs	chloral hydrate		2.33E-07	5.71E-09		1.32E-07	3.09E-09	1.50E+01	2			1.00E+00		1.00E-03	1
133-90-4	Herbicides	chloramben		1.58E-09	3.87E-11				1.00E-07	1			2.14E+01		2.14E-02	1
118-75-2	Pesticides	chloranil		1.34E-08	3.27E-10				2.28E-06	1			3.08E+02		3.08E-01	1
12789-03-6	Pesticides	chlordane		1.99E-03	4.87E-05	1996 SSL	2.01E-04	4.73E-06	9.98E-06	1			5.13E+04	Table 747-1	5.13E+01	1
143-50-0	Pesticides	chlordecone (kepone)		2.20E-06	5.38E-08				2.25E-07	1			1.75E+04		1.75E+01	1
16887-00-6	Nutrients	chloride								1						1
90982-32-4	Pesticides	chlorimuron-ethyl		7.44E-14	1.82E-15				4.00E-12	1			7.18E+01		7.18E-02	1
7782-50-5	Nutrients	chlorine	MCL FOR DISINFECTANTS	4.78E-01	1.17E-02		3.64E-01	8.55E-03	5.85E+03	2	2.50E-01				2.50E-01	1
506-77-4	Cyanides	chlorine cyanide		7.87E-02	1.93E-03		5.22E-02	1.22E-03	1.23E+03	2						1
10049-04-4	VOCs	chlorine dioxide	MCL FOR DISINFECTANTS	1.64E+00	4.01E-02		1.03E+00	2.42E-02	7.58E+02	2						1
7758-19-2	Nutrients	chlorite								1						1
75-68-3	VOCs	chloro-1,1-difluoroethane;1-		2.40E+00	5.88E-02		7.11E-02	1.67E-03	2.54E+03	2			4.39E+01		4.39E-02	1
126-99-8	VOCs	chloro-1,3-butadiene;2-		2.29E+00	5.61E-02		1.29E+00	3.03E-02	2.16E+02	2			6.07E+01		6.07E-02	1
3165-93-3	SVOCs	chloro-2-methylaniline hydrochloride;4-		6.38E-05	1.56E-06				4.08E-02	1			3.52E+02		3.52E-01	1
95-69-2	SVOCs	chloro-2-methylaniline;4-		8.14E-05	1.99E-06		3.18E-05	7.46E-07	4.08E-02	1			1.85E+02		1.85E-01	1
79-11-8	SVOCs	chloroacetic acid		3.79E-07	9.26E-09		1.52E-07	3.56E-09	6.50E-02	1			1.44E+00		1.44E-03	1
532-27-4	SVOCs	chloroacetophenone;2-		1.41E-04	3.46E-06		5.49E-05	1.29E-06	5.40E-03	1			9.89E+01		9.89E-02	1
106-47-8	SVOCs	chloroaniline;p-		1.36E-05	3.33E-07	1996 SSL	4.97E-06	1.17E-07	2.70E-02	2			6.61E+01	1996 SSL	6.61E-02	1
108-90-7	VOCs	chlorobenzene		1.52E-01	3.72E-03	1996 SSL	7.93E-02	1.86E-03	1.20E+01	2			2.24E+02	Table 747-1	2.24E-01	1
510-15-6	Pesticides	chlorobenzilate		2.96E-06	7.24E-08				2.20E-06	1			1.54E+03		1.54E+00	1
74-11-3	Pesticides	chlorobenzoic acid;p-		3.28E-06	8.03E-08				2.33E-03	1			2.66E+01		2.66E-02	1
98-56-6	VOCs	chlorobenzotrifluoride;4-		1.42E+00	3.47E-02		6.92E-01	1.62E-02	7.63E+00	2			1.61E+03		1.61E+00	1
109-69-3	VOCs	chlorobutane;1-		6.83E-01	1.67E-02		4.01E-01	9.41E-03	1.01E+02	2			7.22E+01		7.22E-02	1
59-50-7	Phenols	chlorocresol		1.00E-04	2.45E-06		4.00E-05	9.40E-07	5.00E-02	1			4.92E+02		4.92E-01	1
75-45-6	VOCs	chlorodifluoromethane		1.66E+00	4.06E-02		1.30E+00	3.05E-02	7.25E+03	2			3.18E+01		3.18E-02	1
67-66-3	VOCs	chloroform	TTHM NOTES	1.50E-01	3.67E-03	1996 SSL	9.17E-02	2.15E-03	1.97E+02	2			5.30E+01	Table 747-1	5.30E-02	1
74-87-3	VOCs	chloromethane		3.61E-01	8.82E-03		2.69E-01	6.32E-03	4.30E+03	2			6.00E+00	Table 747-1	6.00E-03	1
107-30-2	VOCs	chloromethyl methyl ether		1.24E-02	3.04E-04		7.74E-03	1.82E-04	3.00E+01	2			5.32E+00		5.32E-03	1
88-73-3	Pesticides	chloronitrobenzene;o-		3.80E-04	9.30E-06		1.28E-04	3.00E-06	1.82E-02	1			3.71E+02		3.71E-01	1
100-00-5	Pesticides	chloronitrobenzene;p-		2.00E-04	4.89E-06		6.76E-05	1.59E-06	2.19E-02	2			3.63E+02		3.63E-01	1
95-57-8	Phenols	CHLOROPHENOL;2-	pH-DEPENDENT	1.60E-02	3.91E-04	1996 SSL	7.27E-03	1.71E-04	2.53E+00	2			3.88E+02	Table 747-2	3.88E-01	1
1897-45-6	Pesticides	chlorothalonil		8.18E-05	2.00E-06		2.45E-05	5.75E-07	5.70E-07	1			1.04E+03		1.04E+00	1
95-49-8	VOCs	chlorotoluene;o-		1.46E-01	3.57E-03		7.08E-02	1.66E-03	3.43E+00	2			3.83E+02		3.83E-01	1
101-21-3	Pesticides	chlorpropham		2.33E-05	5.69E-07				1.80E-04	1			3.51E+02		3.51E-01	1
2921-88-2	Pesticides	chlorpyrifos		1.20E-04	2.93E-06				2.03E-05	1			7.28E+03		7.28E+00	1
5598-13-0	Pesticides	chlorpyrifos-methyl		1.53E-04	3.75E-06				4.20E-05	1			2.19E+03		2.19E+00	1
64902-72-3	Pesticides	chlorsulfuron		1.40E-14	3.42E-16				2.25E-11	1			3.22E+02		3.22E-01	1
60238-56-4	Pesticides	chlorthiophos		4.91E-05	1.20E-06				3.97E-01	1			1.28E+04		1.28E+01	1
7440-47-3	Metals	CHROMIUM (TOTAL)	CHROMIUM NOTES	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1						1
16065-83-1	Metals	CHROMIUM (III)	CHROMIUM NOTES	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	1.00E+03	Table 747-3			1.00E+03	1
18540-29-9	Metals	CHROMIUM (VI)	CHROMIUM NOTES	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	1.90E+01	Table 747-3			1.90E+01	1
218-01-9	cPAHs	CHRYSENE	PAH NOTES	3.88E-03	9.49E-05	1996 SSL	7.03E-04	1.65E-05	6.23E-09	1			3.98E+05	1996 SSL	3.98E+02	1
7440-48-4	Metals	Cobalt		0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	4.50E+01				4.50E+01	1
E649830	VOCs	coke oven emissions		4.50E-01	1.10E-02				9.50E+01	2						1
7440-50-8	Metals	COPPER	HARDNESS - DEPENDENT	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	2.20E+01	Table 747-3			2.20E+01	1
544-92-3	Cyanides	copper cyanide								1						1
108-39-4	Phenols	cresol;m-		3.50E-05	8.56E-07		1.33E-05	3.12E-07	1.10E-01	2			3.00E+02		3.00E-01	1
95-48-7	Phenols	cresol;o-		4.92E-05	1.20E-06	1996 SSL	1.99E-05	4.67E-07	2.99E-01	2			9.12E+01	1996 SSL	9.12E-02	1
106-44-5	Phenols	cresol;p-		4.09E-05	1.00E-06		1.55E-05	3.64E-07	1.10E-01	2			3.00E+02		3.00E-01	1
123-73-9	VOCs	crotonaldehyde		7.93E-04	1.94E-05		8.26E-04	1.94E-05	3.00E+01	2			1.79E+00		1.79E-03	1
98-82-8	VOCs	cumene		4.70E-01	1.15E-02		2.01E-01	4.71E-03	4.50E+00	2			6.98E+02		6.98E-01	1
21725-46-2	Pesticides	cyanazine		1.05E-10	2.57E-12				1.38E-07	1			1.34E+02		1.34E-01	1
57-12-5	Cyanides	CYANIDE	CYANIDE NOTES	4.15E-03	1.02E-04				3.08E+02	1	9.90E+00				9.90E+00	1
460-19-5	Cyanides	cyanogen		2.21E-01	5.40E-03		1.61E-01	3.77E-03	4.30E+03	2						1
506-68-3	Cyanides	cyanogen bromide		1.00E+00	2.45E-02		5.64E-01	1.32E-02	1.22E+02	2						1
110-82-7	VOCs	cyclohexane		6.13E+00	1.50E-01		3.64E+00	8.54E-02	9.69E+01	1			1.46E+02		1.46E-01	1

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Hcc (Henry's Law Constant) 25 degrees C (unitless)	HLC (Henry's Law Constant) 25 degrees C (atm·m ³ /mol)	Ref. ORNL RAIS (unless noted)	Hcc (Henry's Law Constant) 13 degrees C (unitless)	HLC (Henry's Law Constant) 13 degrees C (atm·m ³ /mol)	VP (Vapor Pressure) 25 degrees C ORNL RAIS mmHg	INH (Ground Water Inhalation Correction Factor) (unitless)	Kd (Distribution Factor for metals) (L/kg)	Ref. ORNL RAIS (unless noted)	Koc (Soil Organic Carbon-Water Partitioning Coefficient) (L/kg)	Ref. ORNL RAIS (unless noted)	Kd (Distribution Factor for metals and organics) (L/kg)	AB1 GI Absorption Fraction (unitless)
108-94-1	VOCs	cyclohexanone		3.68E-04	9.00E-06		1.55E-04	3.65E-06	4.33E+00	2			1.74E+01		1.74E-02	1
108-91-8	VOCs	cyclohexylamine		1.70E-04	4.16E-06		8.64E-05	2.03E-06	1.01E+01	2			3.22E+01		3.22E-02	1
68085-85-8	Pesticides	cyhalothrin/karate		6.05E-05	1.48E-06				1.50E-09	1			3.41E+05		3.41E+02	1
52315-07-8	Pesticides	cypermethrin		1.72E-05	4.20E-07				3.07E-09	1			7.98E+04		7.98E+01	1
66215-27-8	Pesticides	cyromazine		2.31E-12	5.65E-14				3.36E-09	1			2.87E+01		2.87E-02	1
1861-32-1	Herbicides	dacthal		8.91E-05	2.18E-06		3.30E-05	7.76E-07	2.50E-06	1			5.11E+02		5.11E-01	1
75-99-0	Herbicides	dalapon, sodium salt		2.31E-06	5.66E-08		1.04E-06	2.44E-08	1.51E-01	2			3.23E+00		3.23E-03	1
39515-41-8	Pesticides	danitol		3.12E-04	7.64E-06				5.48E-06	1			2.25E+04		2.25E+01	1
94-82-6	Pesticides	db;2,4-		9.36E-08	2.29E-09				1.11E-05	1			3.70E+02		3.70E-01	1
72-54-8	Pesticides	ddd		1.64E-04	4.01E-06	1996 SSL			1.35E-06	1			4.58E+04	Table 747-1	4.58E+01	1
72-55-9	Pesticides	dde		8.61E-04	2.11E-05	1996 SSL	2.22E-04	5.22E-06	6.00E-06	1			8.64E+04	Table 747-1	8.64E+01	1
50-29-3	Pesticides	ddt		3.32E-04	8.12E-06	1996 SSL	1.25E-04	2.93E-06	1.60E-07	1			6.78E+05	Table 747-1	6.78E+02	1
1163-19-5	PBDEs	decabromodiphenyl ether		4.87E-07	1.19E-08		9.22E-08	2.17E-09	4.67E-12	1			2.76E+05		2.76E+02	1
8065-48-3	Pesticides	demeton		1.56E-04	3.82E-06				3.40E-04	1						1
103-23-1	Phthalates	di(2-ethylhexyl)adipate		1.77E-05	4.34E-07		3.63E-06	8.52E-08	8.50E-07	1			3.60E+04		3.60E+01	1
2303-16-4	Pesticides	diallate		1.55E-04	3.80E-06				1.50E-04	1			6.44E+02		6.44E-01	1
333-41-5	Pesticides	diazinon		4.62E-06	1.13E-07				9.01E-05	1			3.03E+03		3.03E+00	1
53-70-3	cPAHs	DIBENZ[a,h]ANTHRACENE	PAH NOTES	6.03E-07	1.47E-08	1996 SSL	7.79E-08	1.83E-09	9.55E-10	1			1.79E+06	Table 747-1	1.79E+03	1
132-64-9	PAHs	dibenzofuran		8.71E-03	2.13E-04		1.84E-05	4.33E-07	2.48E-03	1			9.16E+03		9.16E+00	1
96-12-8	Pesticides	dibromo-3-chloropropane;1,2-		6.01E-03	1.47E-04		2.60E-03	6.12E-05	5.80E-01	2			1.16E+02		1.16E-01	1
631-64-1	SVOCs	dibromoacetic acid		1.81E-07	4.42E-09				2.30E-02	1			2.25E+00		2.25E-03	1
106-37-6	Pesticides	dibromobenzene;1,4-		3.65E-02	8.93E-04		1.51E-02	3.54E-04	5.75E-02	2			3.75E+02		3.75E-01	1
124-48-1	VOCs	dibromochloromethane	TTHM NOTES	3.21E-02	7.85E-04	1996 SSL	2.11E-02	4.95E-04	5.54E+00	2			6.31E+01	1996 SSL	6.31E-02	1
84-74-2	Phthalates	di-butyl phthalate		3.85E-08	9.42E-10	1996 SSL	5.22E-09	1.23E-10	2.01E-05	1			1.57E+03	Table 747-1	1.57E+00	1
1918-00-9	Herbicides	dicamba		8.91E-08	2.18E-09				1.25E-05	1			2.90E+01		2.90E-02	1
3400-09-7	Disinfectants	dichloramine	MCL FOR DISINFECTANTS							1						1
764-41-0	VOCs	dichloro-2-butene;1,4-		3.48E-01	8.51E-03		1.49E-01	3.51E-03	3.00E+00	2			1.32E+02		1.32E-01	1
110-57-6	VOCs	dichloro-2-butene;trans-1,4-		2.71E-02	6.64E-04		1.30E-02	3.04E-04	3.43E+00	2			1.32E+02		1.32E-01	1
79-43-6	SVOCs	dichloroacetic acid		3.43E-07	8.38E-09		1.24E-07	2.91E-09	1.79E-01	1			2.25E+00		2.25E-03	1
95-50-1	VOCs	dichlorobenzene;1,2-		7.79E-02	1.91E-03	1996 SSL	3.62E-02	8.51E-04	1.36E+00	2			3.79E+02	Table 747-1	3.79E-01	1
541-73-1	VOCs	dichlorobenzene;1,3-		1.08E-01	2.63E-03		5.09E-02	1.20E-03	2.15E+00	2			3.75E+02		3.75E-01	1
106-46-7	VOCs	dichlorobenzene;1,4-		9.96E-02	2.44E-03	1996 SSL	4.63E-02	1.09E-03	1.74E+00	2			6.16E+02	Table 747-1	6.16E-01	1
91-94-1	SVOCs	dichlorobenzidine;3,3'-		1.64E-07	4.01E-09	1996 SSL			2.56E-07	1			7.24E+02	1996 SSL	7.24E-01	1
75-71-8	VOCs	dichlorodifluoromethane		1.40E+01	3.43E-01		1.08E+01	2.54E-01	4.85E+03	2			4.39E+01		4.39E-02	1
75-34-3	VOCs	dichloroethane;1,1-		2.30E-01	5.63E-03	1996 SSL	1.42E-01	3.33E-03	2.27E+02	2			5.30E+01	Table 747-1	5.30E-02	1
107-06-2	VOCs	dichloroethane;1,2- (EDC)		4.01E-02	9.81E-04	1996 SSL	2.29E-02	5.38E-04	7.89E+01	2			3.80E+01	Table 747-1	3.80E-02	1
540-59-0	VOCs	dichloroethylene;1,2- (mixed isomers)		1.67E-01	4.08E-03		9.83E-02	2.31E-03	2.01E+02	2			3.96E+01		3.96E-02	1
75-35-4	VOCs	dichloroethylene;1,1-		1.07E+00	2.62E-02	1996 SSL	7.05E-01	1.66E-02	6.00E+02	2			6.50E+01	Table 747-1	6.50E-02	1
156-59-2	VOCs	dichloroethylene;1,2-,cis		1.67E-01	4.08E-03	1996 SSL	1.00E-01	2.36E-03	2.00E+02	2			3.55E+01	1996 SSL	3.55E-02	1
156-60-5	VOCs	dichloroethylene;1,2-,trans		3.85E-01	9.42E-03	1996 SSL	2.39E-01	5.61E-03	3.31E+02	2			3.80E+01	Table 747-1	3.80E-02	1
120-83-2	Phenols	DICHLOROPHENOL;2,4-	pH-DEPENDENT	1.30E-04	3.18E-06	1996 SSL	5.53E-05	1.30E-06	9.00E-02	2			1.47E+02	Table 747-2	1.47E-01	1
94-75-7	Herbicides	dichlorophenoxyacetic acid;2,4-		1.45E-06	3.54E-08				8.25E-05	1			2.96E+01		2.96E-02	1
78-87-5	VOCs	dichloropropane;1,2-		1.15E-01	2.81E-03	1996 SSL	6.52E-02	1.53E-03	5.33E+01	2			4.70E+01	Table 747-1	4.70E-02	1
142-28-9	VOCs	dichloropropane;1,3-		3.99E-02	9.76E-04		2.09E-02	4.91E-04	1.82E+01	2			7.22E+01		7.22E-02	1
616-23-9	SVOCs	dichloropropanol;2,3-		1.47E-07	3.60E-09		6.39E-08	1.50E-09	1.84E-01	2			5.57E+00		5.57E-03	1
542-75-6	VOCs	dichloropropene;1,3-		7.26E-01	1.78E-02	1996 SSL	3.93E-01	9.23E-03	3.40E+01	2			2.70E+01	Table 747-1	2.70E-02	1
62-73-7	Pesticides	dichlorvos		2.35E-05	5.74E-07				1.58E-02	2			5.40E+01		5.40E-02	1
77-73-6	VOCs	dicyclopentadiene		2.56E+00	6.25E-02		2.20E+00	5.16E-02	2.29E+00	2			1.51E+03		1.51E+00	1
60-57-1	Pesticides	dieldrin		6.19E-04	1.51E-05	1996 SSL	1.33E-04	3.12E-06	5.89E-06	1			2.55E+04	Table 747-1	2.55E+01	1
84-66-2	Phthalates	diethyl phthalate		1.85E-05	4.53E-07	1996 SSL	4.84E-06	1.14E-07	2.10E-03	1			8.20E+01	Table 747-1	8.20E-02	1
112-34-5	Glycols	diethylene glycol monobutyl ether		2.94E-07	7.20E-09		8.74E-08	2.05E-09	2.19E-02	2			1.00E+01		1.00E-02	1
111-90-0	Glycols	diethylene glycol monoethyl ether		9.12E-07	2.23E-08		3.35E-07	7.86E-09	1.26E-01	2			1.00E+00		1.00E-03	1
617-84-5	SVOCs	diethylformamide		5.31E-06	1.30E-07		2.03E-06	4.78E-08	1.21E+00	1			2.06E+00		2.06E-03	1
56-53-1	SVOCs	diethylstilbesterol		2.37E-10	5.80E-12				1.41E-08	1			2.74E+05		2.74E+02	1
43222-48-6	Pesticides	difenzoquat							4.09E-12	1			7.84E+04		7.84E+01	1
35367-38-5	Pesticides	diflubenzuron		1.88E-07	4.60E-09				9.00E-10	1			4.63E+02		4.63E-01	1

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Hcc (Henry's Law Constant) 25 degrees C (unitless)	HLC (Henry's Law Constant) 25 degrees C (atm·m ³ /mol)	Ref. ORNL RAIS (unless noted)	Hcc (Henry's Law Constant) 13 degrees C (unitless)	HLC (Henry's Law Constant) 13 degrees C (atm·m ³ /mol)	VP (Vapor Pressure) 25 degrees C ORNL RAIS mmHg	INH (Ground Water Inhalation Correction Factor) (unitless)	Kd (Distribution Factor for metals) (L/kg)	Ref. ORNL RAIS (unless noted)	Koc (Soil Organic Carbon-Water Partitioning Coefficient) (L/kg)	Ref. ORNL RAIS (unless noted)	Kd (Distribution Factor for metals and organics) (L/kg)	AB1 GI Absorption Fraction (unitless)
75-37-6	VOCs	difluoroethane;1,1-		8.30E-01	2.03E-02		6.25E-01	1.47E-02	4.55E+03	2			3.18E+01		3.18E-02	1
108-20-3	VOCs	diisopropyl ether		1.05E-01	2.56E-03		6.27E-02	1.47E-03	1.49E+02	2			2.28E+01		2.28E-02	1
1445-75-6	VOCs	diisopropyl methylphosphonate		1.79E-03	4.38E-05		8.24E-04	1.94E-05	2.28E-01	2			4.22E+01		4.22E-02	1
55290-64-7	Pesticides	dimethipin		9.40E-10	2.30E-11				3.83E-07	1			1.00E+01		1.00E-02	1
60-51-5	Pesticides	dimethoate		9.93E-09	2.43E-10				1.88E-05	1			1.28E+01		1.28E-02	1
119-90-4	SVOCs	dimethoxybenzidine;3,3'-		1.92E-09	4.70E-11				1.25E-07	1			5.09E+02		5.09E-01	1
131-11-3	Phthalates	dimethyl phthalate		8.05E-06	1.97E-07		2.29E-06	5.37E-08	3.08E-03	1			3.16E+01		3.16E-02	1
120-61-6	Phthalates	dimethyl terephthalate		5.48E-03	1.34E-04		1.62E-03	3.80E-05	1.00E-02	2			3.10E+01		3.10E-02	1
21436-96-4	SVOCs	dimethylaniline hydrochloride;2,4-		9.48E-05	2.32E-06				1.78E-01	1			3.52E+02		3.52E-01	1
95-68-1	SVOCs	dimethylaniline;2,4-		1.02E-04	2.50E-06		4.13E-05	9.69E-07	1.33E-01	2			1.85E+02		1.85E-01	1
121-69-7	VOCs	dimethylaniline;N,N-		2.32E-03	5.68E-05		8.09E-04	1.90E-05	7.00E-01	2			7.87E+01		7.87E-02	1
119-93-7	SVOCs	dimethylbenzidine;3,3'-		2.57E-09	6.29E-11		1.06E-09	2.50E-11	6.92E-07	1			3.19E+03		3.19E+00	1
68-12-2	VOCs	dimethylformamide;N,N-		3.02E-06	7.39E-08		1.20E-06	2.82E-08	3.87E+00	2			1.00E+00		1.00E-03	1
57-14-7	VOCs	dimethylhydrazine;1,1-		5.27E-04	1.29E-05		3.01E-04	7.07E-06	1.63E+02	2			1.20E+01		1.20E-02	1
540-73-8	VOCs	dimethylhydrazine;1,2-		2.84E-06	6.95E-08		1.67E-06	3.91E-08	6.99E+01	2			1.49E+01		1.49E-02	1
105-67-9	Phenols	dimethylphenol;2,4-		8.20E-05	2.01E-06	1996 SSL	2.97E-05	6.97E-07	1.02E-01	2			2.09E+02	1996 SSL	2.09E-01	1
576-26-1	Phenols	dimethylphenol;2,6-		2.72E-04	6.65E-06		1.07E-04	2.51E-06	1.71E-01	2			5.02E+02		5.02E-01	1
95-65-8	Phenols	dimethylphenol;3,4-		1.70E-05	4.15E-07		5.61E-06	1.32E-07	3.56E-02	2			4.92E+02		4.92E-01	1
99-65-0	Explosives	dinitrobenzene;m-		2.00E-06	4.90E-08		5.06E-07	1.19E-08	9.00E-04	1			3.52E+02		3.52E-01	1
528-29-0	SVOCs	dinitrobenzene;o-		2.18E-06	5.33E-08		5.00E-07	1.17E-08	4.55E-05	1			3.59E+02		3.59E-01	1
100-25-4	SVOCs	dinitrobenzene;p-		3.43E-06	8.39E-08		8.42E-07	1.98E-08	2.61E-05	1			3.52E+02		3.52E-01	1
131-89-5	Phenols	dinitro-o-cyclohexyl phenol;4,6-		2.26E-06	5.54E-08				4.19E-08	1			1.65E+04		1.65E+01	1
51-28-5	Phenols	DINITROPHENOL;2,4-	pH-DEPENDENT	1.82E-05	4.45E-07	1996 SSL			3.90E-04	1			1.00E-02	Table 747-2	1.00E-05	1
25550-58-7	Phenols	dinitrophenols		1.13E-06	2.76E-08				4.41E-05	1			4.70E+02		4.70E-01	1
E1615210	SVOCs	dinitrotoluene mixture; 2,4-/2,6-		1.62E-05	3.97E-07				2.15E-03	1			5.87E+02		5.87E-01	1
121-14-2	Explosives	dinitrotoluene;2,4-		3.80E-06	9.29E-08	1996 SSL	8.31E-07	1.95E-08	1.47E-04	1			9.55E+01	1996 SSL	9.55E-02	1
606-20-2	Explosives	dinitrotoluene;2,6-		3.06E-05	7.48E-07	1996 SSL	7.27E-06	1.71E-07	5.67E-04	1			6.92E+01	1996 SSL	6.92E-02	1
35572-78-2	Explosives	dinitrotoluene, 2-Amino-4,6-		1.34E-09	3.27E-11				1.07E-05	1			2.83E+02		2.83E-01	1
19406-51-0	Explosives	dinitrotoluene, 4-Amino-2,6-		1.34E-09	3.27E-11				1.07E-05	1			2.83E+02		2.83E-01	1
117-84-0	Phthalates	di-n-octyl phthalate		2.74E-03	6.70E-05	1996 SSL	3.89E-04	9.14E-06	1.00E-07	1			8.32E+07	1996 SSL	8.32E+04	1
88-85-7	Herbicides	dinoseb		1.86E-05	4.56E-07				7.50E-05	1			4.29E+03		4.29E+00	1
123-91-1	VOCs	dioxane;1,4-		1.96E-04	4.80E-06		1.06E-04	2.49E-06	3.81E+01	2			2.63E+00		2.63E-03	1
957-51-7	Pesticides	diphenamid		1.48E-09	3.63E-11				3.00E-08	1			4.80E+03		4.80E+00	1
122-39-4	Pesticides	diphenylamine		1.10E-04	2.69E-06		3.19E-05	7.49E-07	6.70E-04	1			8.26E+02		8.26E-01	1
122-66-7	SVOCs	diphenylhydrazine;1,2-		1.95E-05	4.78E-07		5.90E-06	1.38E-07	4.36E-04	1			1.51E+03		1.51E+00	1
2764-72-9	Pesticides	diquat		5.81E-06	1.42E-07				1.00E-08	1			4.04E+03		4.04E+00	1
1937-37-7	Dyes	direct black 38		3.36E-38	8.23E-40				1.53E-36	1			2.42E+08		2.42E+05	1
2602-46-2	Dyes	direct blue 6		3.72E-42	9.11E-44				9.54E-39	1			7.91E+08		7.91E+05	1
16071-86-6	Dyes	direct brown 95							1.43E-41	1			6.99E+06		6.99E+03	1
298-04-4	Pesticides	disulfoton		8.83E-05	2.16E-06				9.75E-05	1			8.38E+02		8.38E-01	1
505-29-3	SVOCs	dithiane;1,4-		1.72E-03	4.20E-05		7.06E-04	1.66E-05	7.95E-02	1			1.46E+02		1.46E-01	1
330-54-1	Pesticides (Carbamate)	diuron		2.06E-08	5.04E-10				6.90E-08	1			1.09E+02		1.09E-01	1
534-52-1	Phenols	DNOC		5.72E-05	1.40E-06				1.20E-04	1			7.54E+02		7.54E-01	1
2439-10-3	Pesticides	dodine		3.68E-09	9.01E-11				1.50E-07	1			2.48E+03		2.48E+00	1
115-29-7	Pesticides	endosulfan		4.59E-04	1.12E-05	1996 SSL			1.73E-07	1			2.04E+03	Table 747-1	2.04E+00	1
1031-07-8	Pesticides	endosulfan sulfate		1.33E-05	3.25E-07				2.80E-07	1			9.85E+03		9.85E+00	1
959-98-8	Pesticides	endosulfan;alpha		2.90E-04	7.09E-06				3.00E-06	1			6.76E+03		6.76E+00	1
33213-65-9	Pesticides	endosulfan;beta		1.60E-05	3.91E-07				6.00E-07	1			6.76E+03		6.76E+00	1
145-73-3	Herbicides	endothall		1.57E-14	3.85E-16				1.57E-10	1			1.94E+01		1.94E-02	1
72-20-8	Pesticides	endrin		3.08E-04	7.53E-06	1996 SSL			3.00E-06	1			1.08E+04	Table 747-1	1.08E+01	1
7421-93-4	Pesticides	endrin aldehyde		1.71E-04	4.18E-06				2.00E-07	1			3.27E+03		3.27E+00	1
106-89-8	VOCs	epichlorohydrin		1.24E-03	3.04E-05		1.29E-03	3.04E-05	1.64E+01	2			9.91E+00		9.91E-03	1
106-88-7	VOCs	epoxybutane		7.36E-03	1.80E-04		4.39E-03	1.03E-04	1.80E+02	2			9.91E+00		9.91E-03	1
16672-87-0	Pesticides	ethephon		2.33E-10	5.70E-12				9.80E-08	1			5.03E+00		5.03E-03	1
563-12-2	Pesticides	ethion		1.55E-05	3.79E-07				1.50E-06	1			8.82E+02		8.82E-01	1
111-15-9	VOCs	ethoxyethanol acetate;2-		1.31E-04	3.20E-06		5.68E-05	1.33E-06	2.00E+00	2			4.54E+00		4.54E-03	1

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Hcc (Henry's Law Constant) 25 degrees C (unitless)	HLC (Henry's Law Constant) 25 degrees C (atm·m ³ /mol)	Ref. ORNL RAIS (unless noted)	Hcc (Henry's Law Constant) 13 degrees C (unitless)	HLC (Henry's Law Constant) 13 degrees C (atm·m ³ /mol)	VP (Vapor Pressure) 25 degrees C ORNL RAIS mmHg	INH (Ground Water Inhalation Correction Factor) (unitless)	Kd (Distribution Factor for metals) (L/kg)	Ref. ORNL RAIS (unless noted)	Koc (Soil Organic Carbon-Water Partitioning Coefficient) (L/kg)	Ref. ORNL RAIS (unless noted)	Kd (Distribution Factor for metals and organics) (L/kg)	AB1 GI Absorption Fraction (unitless)
110-80-5	VOCs	ethoxyethanol;2-		1.92E-05	4.70E-07		8.67E-06	2.04E-07	5.31E+00	2			1.00E+00		1.00E-03	1
141-78-6	VOCs	ethyl acetate		5.48E-03	1.34E-04		3.10E-03	7.29E-05	9.32E+01	2			5.58E+00		5.58E-03	1
140-88-5	VOCs	ethyl acrylate		1.39E-02	3.39E-04		7.30E-03	1.71E-04	3.86E+01	2			1.07E+01		1.07E-02	1
75-00-3	VOCs	ethyl chloride		4.54E-01	1.11E-02		3.12E-01	7.32E-03	1.01E+03	2			2.17E+01		2.17E-02	1
759-94-4	Pesticides	ethyl dipropylthiocarbamate;S-		6.50E-04	1.59E-05				2.40E-02	2			1.64E+02		1.64E-01	1
60-29-7	VOCs	ethyl ether		5.03E-02	1.23E-03		3.27E-02	7.68E-04	5.38E+02	2			9.70E+00		9.70E-03	1
97-63-2	VOCs	ethyl methacrylate		2.34E-02	5.73E-04		9.73E-03	2.28E-04	2.06E+01	2			1.67E+01		1.67E-02	1
2104-64-5	Pesticides	ethyl p-nitrophenyl phenylphosphorothioate		1.82E-05	4.44E-07				9.50E-07	1			1.55E+04		1.55E+01	1
100-41-4	VOCs	ethylbenzene		3.23E-01	7.90E-03	Table 747-4	1.64E-01	3.86E-03	9.60E+00	2			2.04E+02	Table 747-1	2.04E-01	1
109-78-4	SVOCs	ethylene cyanohydrin		3.07E-07	7.50E-09		9.13E-08	2.14E-09	8.02E-02	2			1.00E+00		1.00E-03	1
107-15-3	VOCs	ethylene diamine		7.07E-08	1.73E-09		3.53E-08	8.28E-10	1.20E+01	2			1.49E+01		1.49E-02	1
106-93-4	VOCs	ethylene dibromide (EDB)		2.66E-02	6.50E-04		1.41E-02	3.31E-04	1.12E+01	2			6.60E+01	Table 747-1	6.60E-02	1
107-21-1	VOCs	ethylene glycol		2.45E-06	6.00E-08		8.95E-07	2.10E-08	9.20E-02	2			1.00E+00		1.00E-03	1
111-76-2	Glycols	ethylene glycol monobutyl ether (EGBE)		6.54E-05	1.60E-06		2.53E-05	5.95E-07	8.80E-01	2			2.82E+00		2.82E-03	1
75-21-8	VOCs	ethylene oxide		6.05E-03	1.48E-04		4.10E-03	9.63E-05	1.31E+03	2			3.24E+00		3.24E-03	1
96-45-7	SVOCs	ethylene thiourea		5.56E-10	1.36E-11				2.02E-06	1			1.30E+01		1.30E-02	1
84-72-0	Phthalates	ethylphthalyl ethylglycolate		2.71E-07	6.64E-09				2.16E-04	1			1.02E+03		1.02E+00	1
101200-48-0	Pesticides	express		4.17E-12	1.02E-13				3.90E-10	1			9.47E+01		9.47E-02	1
22224-92-6	Pesticides	fenamiphos		4.95E-08	1.21E-09				1.00E-06	1			3.98E+02		3.98E-01	1
2164-17-2	Pesticides	fluometuron		1.07E-07	2.61E-09				9.38E-07	1			2.85E+02		2.85E-01	1
206-44-0	PAHs	fluoranthene		6.60E-04	1.61E-05	1996 SSL	1.67E-04	3.91E-06	9.22E-06	1			4.91E+04	Table 747-1	4.91E+01	1
86-73-7	PAHs	fluorene		2.61E-03	6.38E-05	1996 SSL	8.19E-04	1.92E-05	6.00E-04	1			7.71E+03	Table 747-1	7.71E+00	1
16984-48-8	Nutrients	FLUORIDE	FLUORIDE NOTES							1	1.50E+02				1.50E+02	1
59756-60-4	Pesticides	fluridone		3.31E-07	8.10E-09				9.75E-08	1			5.68E+04		5.68E+01	1
56425-91-3	Pesticides	flurprimidol		5.36E-08	1.31E-09		1.99E-08	4.67E-10	3.64E-07	1			2.19E+03		2.19E+00	1
66332-96-5	Pesticides	flutolanil		1.30E-07	3.18E-09				4.88E-08	1			2.56E+03		2.56E+00	1
69409-94-5	Pesticides	fluvalinate		5.93E-07	1.45E-08				1.00E-07	1			7.30E+05		7.30E+02	1
133-07-3	Pesticides	folpet		3.13E-06	7.66E-08				1.57E-07	1			1.77E+01		1.77E-02	1
72178-02-0	Pesticides	fomesafen		3.08E-11	7.53E-13				7.50E-07	1			1.55E+03		1.55E+00	1
944-22-9	Pesticides	fonofos		2.85E-04	6.98E-06				3.38E-04	1			8.56E+02		8.56E-01	1
50-00-0	VOCs	formaldehyde		1.38E-05	3.37E-07		9.75E-06	2.29E-07	3.89E+03	2			1.00E+00		1.00E-03	1
64-18-6	VOCs	formic acid		6.83E-06	1.67E-07		4.61E-06	1.08E-07	4.26E+01	2			1.00E+00		1.00E-03	1
39148-24-8	Pesticides	fosetyl-al		1.29E-12	3.15E-14				7.50E-11	1			6.49E+03		6.49E+00	1
110-00-9	Furans	furan		2.21E-01	5.40E-03		1.43E-01	3.36E-03	6.00E+02	2			8.00E+01		8.00E-02	1
67-45-8	SVOCs	furazolidone		1.33E-09	3.26E-11				2.60E-06	1			8.58E+02		8.58E-01	1
98-01-1	VOCs	furfural		1.54E-04	3.77E-06		6.70E-05	1.57E-06	2.21E+00	2			6.08E+00		6.08E-03	1
531-82-8	SVOCs	furium		5.44E-14	1.33E-15				8.82E-09	1			5.78E+02		5.78E-01	1
60568-05-0	Pesticides	furmecyclox		2.82E-07	6.89E-09				8.37E-05	1			4.29E+02		4.29E-01	1
77182-82-2	Pesticides	glufosinate-ammonium		1.81E-12	4.42E-14				9.12E-12	1			1.00E+01		1.00E-02	1
765-34-4	VOCs	glycidaldehyde		2.09E-05	5.11E-07		1.13E-05	2.66E-07	4.53E+01	2			1.00E+00		1.00E-03	1
1071-83-6	SVOCs	glyphosate		8.59E-11	2.10E-12				9.80E-08	1			2.10E+03		2.10E+00	1
unavailable20	Radionuclides	gross alpha particle activity	ALPHA PARTICLE NOTE							1						1
unavailable21	Radionuclides	gross beta particle activity	BETA PARTICLE NOTE							1						1
86-50-0	Pesticides	guthion		9.77E-07	2.39E-08				1.60E-06	1			5.19E+01		5.19E-02	1
69806-40-2	Pesticides	haloxyfop-methyl		1.30E-05	3.19E-07				6.00E-06	1			5.45E+03		5.45E+00	1
79277-27-3	Pesticides	harmony		1.67E-12	4.08E-14				1.28E-10	1			5.08E+01		5.08E-02	1
76-44-8	Pesticides	heptachlor		4.47E-02	1.09E-03	1996 SSL	1.40E-02	3.29E-04	4.00E-04	1			9.53E+03	Table 747-1	9.53E+00	1
1024-57-3	Pesticides	heptachlor epoxide		3.90E-04	9.54E-06	1996 SSL	9.15E-05	2.15E-06	1.95E-05	2			8.32E+04	1996 SSL	8.32E+01	1
142-82-5	VOCs	heptane;n-		8.18E+01	2.00E+00		4.53E+01	1.06E+00	4.60E+01	2			2.40E+02		2.40E-01	1
87-82-1	SVOCs	hexabromobenzene		1.15E-03	2.81E-05				1.63E-08	1			2.81E+03		2.81E+00	1
68631-49-2	PBDEs	hexabromodiphenyl ether; 2,2',4,4',5,5'-							5.80E-06	1						1
118-74-1	Pesticides	hexachlorobenzene		5.41E-02	1.32E-03	1996 SSL	1.73E-02	4.06E-04	1.80E-05	1			8.00E+04	Table 747-1	8.00E+01	1
87-68-3	VOCs	hexachlorobutadiene		3.34E-01	8.17E-03	1996 SSL	1.41E-01	3.32E-03	2.20E-01	2			5.37E+04	1996 SSL	5.37E+01	1
319-84-6	Pesticides	hexachlorocyclohexane;alpha		4.35E-04	1.06E-05	1996 SSL			3.52E-05	1			1.76E+03	Table 747-1	1.76E+00	1
319-85-7	Pesticides	hexachlorocyclohexane;beta-		3.05E-05	7.46E-07	1996 SSL			3.60E-07	1			2.14E+03	Table 747-1	2.14E+00	1
608-73-1	SVOCs	hexachlorocyclohexane;technical		2.10E-04	5.14E-06				3.52E-05	1			2.81E+03		2.81E+00	1

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Hcc (Henry's Law Constant) 25 degrees C (unitless)	HLC (Henry's Law Constant) 25 degrees C (atm-m ³ /mol)	Ref. ORNL RAIS (unless noted)	Hcc (Henry's Law Constant) 13 degrees C (unitless)	HLC (Henry's Law Constant) 13 degrees C (atm-m ³ /mol)	VP (Vapor Pressure) 25 degrees C ORNL RAIS mmHg	INH (Ground Water Inhalation Correction Factor) (unitless)	Kd (Distribution Factor for metals) (L/kg)	Ref. ORNL RAIS (unless noted)	Koc (Soil Organic Carbon-Water Partitioning Coefficient) (L/kg)	Ref. ORNL RAIS (unless noted)	Kd (Distribution Factor for metals and organics) (L/kg)	AB1 GI Absorption Fraction (unitless)
77-47-4	Pesticides	hexachlorocyclopentadiene		1.11E+00	2.72E-02	1996 SSL	2.18E-02	5.12E-04	6.00E-02	2			2.00E+05	1996 SSL	2.00E+02	1
34465-46-8	Dioxins	hexachlorodibenzo-p-dioxin, mixture		2.33E-04	5.70E-06				4.40E-11	1			6.95E+05		6.95E+02	1
67-72-1	VOCs	hexachloroethane		1.59E-01	3.89E-03	1996 SSL	5.98E-02	1.40E-03	2.10E-01	2			1.78E+03	1996 SSL	1.78E+00	1
70-30-4	SVOCs	hexachlorophene		2.24E-11	5.48E-13				1.03E-10	1			6.69E+05		6.69E+02	1
822-06-0	VOCs	hexamethylene diisocyanate;1,6-		1.96E-03	4.80E-05		8.65E-04	2.03E-05	3.00E-02	2			4.82E+03		4.82E+00	1
110-54-3	VOCs	hexane;n-		7.40E+01	1.81E+00	Table 747-4	4.47E+01	1.05E+00	1.51E+02	2			3.41E+03	Table 747-4	3.41E+00	1
591-78-6	VOCs	hexanone;2-		3.81E-03	9.32E-05		1.89E-03	4.44E-05	1.16E+01	2			1.50E+01		1.50E-02	1
51235-04-2	Pesticides	hexazinone		9.24E-11	2.26E-12				2.25E-07	1			1.29E+02		1.29E-01	1
302-01-2	VOCs	hydrazine		2.48E-05	6.07E-07		1.18E-05	2.77E-07	1.44E+01	2			2.00E+00		2.00E-03	1
10034-93-2	SVOCs	hydrazine sulfate								1						1
7647-01-0	VOCs	hydrogen chloride		2.00E-08	4.89E-10		1.73E-08	4.07E-10	3.54E+04	2						1
74-90-8	Cyanides	hydrogen cyanide		5.44E-03	1.33E-04		3.48E-03	8.18E-05	7.42E+02	2	9.90E+00				9.90E+00	1
7783-06-4	VOCs	hydrogen sulfide		3.50E-01	8.56E-03		2.80E-01	6.58E-03	1.56E+04	2						1
123-31-9	SVOCs	hydroquinone		1.93E-09	4.73E-11		4.84E-10	1.14E-11	2.40E-05	1			2.41E+02		2.41E-01	1
35554-44-0	Pesticides	imazalil		1.06E-07	2.59E-09				1.19E-06	1			8.50E+03		8.50E+00	1
81335-37-7	Pesticides	imazaquin		2.83E-16	6.91E-18				1.03E-13	1			2.39E+03		2.39E+00	1
193-39-5	cPAHs	INDENO[1,2,3-cd]PYRENE	PAH NOTES	6.56E-05	1.60E-06	1996 SSL	9.65E-06	2.27E-07	1.25E-10	1			3.47E+06	1996 SSL	3.47E+03	1
36734-19-7	Pesticides	iprodione		1.28E-07	3.12E-09				3.75E-09	1			5.25E+01		5.25E-02	1
7439-89-6	Metals	iron		0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	2.50E+01				2.50E+01	1
78-83-1	VOCs	isobutyl alcohol		4.00E-04	9.78E-06		6.45E-08	1.51E-09	1.05E+01	2			2.92E+00		2.92E-03	1
78-59-1	SVOCs	isophorone		2.72E-04	6.65E-06	1996 SSL	1.13E-04	2.65E-06	4.38E-01	2			4.68E+01	1996 SSL	4.68E-02	1
33820-53-0	Pesticides	isopropalin		4.54E-03	1.11E-04				3.00E-05	1			1.14E+04		1.14E+01	1
67-63-0	VOCs	isopropanol		3.31E-04	8.10E-06		1.41E-04	3.32E-06	4.54E+01	2			1.53E+00		1.53E-03	1
1832-54-8	SVOCs	isopropyl methyl phosphonic acid		2.81E-07	6.88E-09				1.19E-02	1			7.71E+00		7.71E-03	1
82558-50-7	Pesticides	isoxaben		5.19E-08	1.27E-09				4.13E-09	1			1.26E+03		1.26E+00	1
77501-63-4	Pesticides	lactofen		1.93E-05	4.72E-07				7.00E-08	1			2.30E+04		2.30E+01	1
7439-92-1	Metals	LEAD	LEAD NOTES	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	1.00E+04	Table 747-3			1.00E+04	1
58-89-9	Pesticides	lindane		5.74E-04	1.40E-05	1996 SSL			4.20E-05	1			1.35E+03	Table 747-1	1.35E+00	1
330-55-2	Pesticides (Carbamate)	linuron		2.56E-07	6.25E-09				1.43E-06	1			3.40E+02		3.40E-01	1
7439-93-2	Metals	lithium								1	3.00E+02				3.00E+02	1
7791-03-9	Perchlorates	lithium perchlorate								1						1
83055-99-6	Pesticides	londax		1.55E-13	3.78E-15				2.10E-14	1			2.78E+01		2.78E-02	1
121-75-5	Pesticides	malathion		2.00E-07	4.89E-09				3.38E-06	1			3.13E+01		3.13E-02	1
108-31-6	SVOCs	maleic anhydride		1.61E-04	3.93E-06		6.23E-05	1.46E-06	2.50E-01	2			1.00E+00		1.00E-03	1
123-33-1	SVOCs	maleic hydrazide		1.08E-09	2.65E-11				2.77E-06	1			3.30E+00		3.30E-03	1
109-77-3	VOCs	malononitrile		5.36E-06	1.31E-07		2.03E-06	4.77E-08	2.00E-01	2			3.33E+00		3.33E-03	1
8018-01-7	Pesticides	mancozeb		6.21E-10	1.52E-11				1.32E-10	1			6.08E+02		6.08E-01	1
12427-38-2	Pesticides	maneb		1.99E-07	4.86E-09				7.50E-08	1			6.08E+02		6.08E-01	1
7439-96-5	Metals	MANGANESE (Diet - e.g., fish consumption)	MANGANESE NOTES	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	6.50E+01				6.50E+01	1
7439-96-5a	Metals	MANGANESE (Non-Diet - e.g., drinking water or soil)	MANGANESE NOTES	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	6.50E+01				6.50E+01	1
950-10-7	Pesticides	mephosfolan		4.87E-09	1.19E-10				3.18E-05	1			6.36E+02		6.36E-01	1
24307-26-4	Pesticides	mepiquat chloride		1.76E-10	4.31E-12				3.71E-07	1			6.62E+01		6.62E-02	1
7487-94-7	Metal compounds	mercuric chloride								1						1
7439-97-6	Metals	mercury		4.70E-01	1.15E-02	1996 SSL	1.66E-01	3.89E-03	1.96E-03	1	5.20E+01	Table 747-3			5.20E+01	1
150-50-5	Pesticides	merphos		9.28E-04	2.27E-05				2.00E-05	1			4.90E+04		4.90E+01	1
57837-19-1	Pesticides	metalaxyl		1.21E-07	2.95E-09				5.62E-06	1			3.86E+01		3.86E-02	1
126-98-7	VOCs	methacrylonitrile		1.01E-02	2.47E-04		5.71E-03	1.34E-04	7.12E+01	2			1.31E+01		1.31E-02	1
10265-92-6	Pesticides	methamidophos		3.55E-08	8.68E-10				3.53E-05	1			5.41E+00		5.41E-03	1
67-56-1	VOCs	methanol		1.86E-04	4.55E-06		1.01E-04	2.36E-06	1.27E+02	2			1.00E+00		1.00E-03	1
950-37-8	Pesticides	methidathion		2.93E-07	7.17E-09				3.37E-06	1			2.12E+01		2.12E-02	1
16752-77-5	Pesticides (Carbamate)	methomyl		8.05E-10	1.97E-11				5.40E-06	1			1.00E+01		1.00E-02	1
99-59-2	SVOCs	methoxy-5-nitroaniline;2-		5.11E-07	1.25E-08				3.19E-04	1			7.13E+01		7.13E-02	1
72-43-5	Pesticides	methoxychlor		6.48E-04	1.59E-05	1996 SSL			2.58E-06	1			8.00E+04	Table 747-1	8.00E+01	1
110-49-6	VOCs	methoxyethanol acetate;2-		1.27E-05	3.11E-07		5.28E-06	1.24E-07	7.00E+00	2			2.49E+00		2.49E-03	1
109-86-4	VOCs	methoxyethanol;2-		1.35E-05	3.30E-07		6.64E-06	1.56E-07	9.50E+00	2			1.00E+00		1.00E-03	1
79-20-9	VOCs	methyl acetate		4.70E-03	1.15E-04		2.81E-03	6.59E-05	2.16E+02	2			3.06E+00		3.06E-03	1

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96-33-3	VOCs	methyl acrylate		8.14E-03	1.99E-04		4.51E-03	1.06E-04	8.66E+01	2			5.84E+00		5.84E-03	1
78-93-3	VOCs	methyl ethyl ketone		2.33E-03	5.69E-05		1.34E-03	3.14E-05	9.06E+01	2			4.51E+00		4.51E-03	1
108-10-1	VOCs	methyl isobutyl ketone		5.64E-03	1.38E-04		2.94E-03	6.91E-05	1.99E+01	2			1.26E+01		1.26E-02	1
22967-92-6	Metals (organometallic)	METHYL MERCURY	METHYL MERCURY NOTES							1						1
80-62-6	VOCs	methyl methacrylate		1.30E-02	3.19E-04		6.41E-03	1.51E-04	3.85E+01	2			9.14E+00		9.14E-03	1
90-12-0	PAHs	methyl naphthalene;1-		2.10E-02	5.14E-04		6.32E-03	1.48E-04	6.70E-02	2			2.53E+03		2.53E+00	1
91-57-6	PAHs	methyl naphthalene;2-		2.12E-02	5.18E-04		7.00E-03	1.64E-04	5.50E-02	2			2.48E+03		2.48E+00	1
298-00-0	Pesticides	methyl parathion		4.09E-06	1.00E-07				3.50E-06	1			7.29E+02		7.29E-01	1
25013-15-4	VOCs	methyl styrene		1.07E-01	2.62E-03		3.96E-02	9.30E-04	1.50E+00	2			7.16E+02		7.16E-01	1
98-83-9	VOCs	methyl styrene, alpha		1.04E-01	2.55E-03		4.03E-02	9.46E-04	1.90E+00	2			6.98E+02		6.98E-01	1
1634-04-4	VOCs	methyl tert-butyl ether (MTBE)		1.80E-02	4.40E-04	Table 747-4	1.12E-02	2.63E-04	2.50E+02	2			1.09E+01	Table 747-4	1.09E-02	1
94-74-6	Herbicides	methyl-4-chlorophenoxy-acetic acid;2-		5.44E-08	1.33E-09				5.90E-06	1			2.96E+01		2.96E-02	1
99-55-8	SVOCs	methyl-5-nitroaniline;2-		3.39E-07	8.29E-09				9.75E-04	1			1.79E+02		1.79E-01	1
636-21-5	SVOCs	methylaniline hydrochloride;2-		8.59E-05	2.10E-06				2.93E-01	1			1.15E+02		1.15E-01	1
95-53-4	VOCs	methylaniline;2-		8.09E-05	1.98E-06		3.29E-05	7.73E-07	2.60E-01	2			1.15E+02		1.15E-01	1
101-14-4	SVOCs	methylene bis(2-chloroaniline);4,4'-		1.66E-09	4.06E-11				2.86E-07	1			5.70E+03		5.70E+00	1
101-61-1	SVOCs	methylene bis(n,n'-dimethyl)aniline;4,4'-		4.37E-08	1.07E-09				1.75E-05	1			2.67E+03		2.67E+00	1
74-95-3	VOCs	methylene bromide		3.36E-02	8.22E-04		1.89E-02	4.44E-04	4.44E+01	2			2.17E+01		2.17E-02	1
75-09-2	VOCs	methylene chloride		8.98E-02	2.20E-03	1996 SSL	5.70E-02	1.34E-03	4.35E+02	2			1.00E+01	Table 747-1	1.00E-02	1
101-68-8	SVOCs	methylene diphenyl diisocyanate (MDI)		3.66E-05	8.95E-07		8.54E-06	2.01E-07	5.00E-06	1			2.85E+05		2.85E+02	1
9016-87-9	SVOCs	methylene diphenyl diisocyanate (PMDI)		5.40E-10	1.32E-11				5.41E-13	1			1.00E+10		1.00E+07	1
101-77-9	SVOCs	methylenebisbenzenamine;4,4-		2.17E-09	5.30E-11				2.03E-07	1			2.13E+03		2.13E+00	1
60-34-4	VOCs	methylhydrazine		1.24E-04	3.03E-06		6.58E-05	1.54E-06	5.00E+01	2			1.33E+01		1.33E-02	1
51218-45-2	Pesticides	metolachlor		3.68E-07	9.00E-09				3.14E-05	1			4.89E+02		4.89E-01	1
21087-64-9	Pesticides	metribuzin		4.78E-09	1.17E-10				4.35E-07	1			5.31E+01		5.31E-02	1
2385-85-5	Pesticides	mirex		3.32E-02	8.11E-04				8.00E-07	1			3.57E+05		3.57E+02	1
2212-67-1	Pesticides	molinate		1.68E-04	4.10E-06				5.60E-03	1			1.82E+02		1.82E-01	1
7439-98-7	Metals	molybdenum		0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	2.00E+01				2.00E+01	1
10599-90-3	Disinfectants	monochloramine	MCL FOR DISINFECTANTS							1						1
300-76-5	Pesticides	naled		2.66E-03	6.51E-05				2.00E-04	1			1.27E+02		1.27E-01	1
91-20-3	PAHs	naphthalene		1.98E-02	4.84E-04	Table 747-4	8.28E-03	1.95E-04	8.50E-02	2			1.19E+03	Table 747-1	1.19E+00	1
15299-99-7	Pesticides	napropamide		3.44E-08	8.41E-10				1.72E-07	1			3.22E+03		3.22E+00	1
104-51-8	VOCs	n-butylbenzene		6.50E-01	1.59E-02		2.93E-01	6.89E-03	1.06E+00	2			1.48E+03		1.48E+00	1
E715532	Metals	nickel refinery dust		0.00E+00	0.00E+00		0.00E+00	0.00E+00		1						1
7440-02-0	Metals	NICKEL SOLUBLE SALTS	HARDNESS - DEPENDENT	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	6.50E+01	Table 747-3			6.50E+01	1
12035-72-2	Metal compounds	nickel subsulfide								1						1
14797-55-8	Nutrients	nitrate								1						1
14797-65-0	Nutrients	nitrite								1						1
88-74-4	SVOCs	nitroaniline, 2-		2.41E-06	5.90E-08		6.10E-07	1.43E-08	2.77E-03	1			1.11E+02		1.11E-01	1
100-01-6	SVOCs	nitroaniline, 4-		5.15E-08	1.26E-09		1.08E-08	2.53E-10	3.20E-06	1			1.09E+02		1.09E-01	1
98-95-3	Explosives	nitrobenzene		9.84E-04	2.41E-05	1996 SSL	3.98E-04	9.36E-06	2.45E-01	2			1.19E+02	Table 747-1	1.19E-01	1
67-20-9	SVOCs	nitrofurantoin		5.44E-11	1.33E-12				2.78E-10	1			1.17E+02		1.17E-01	1
59-87-0	SVOCs	nitrofurazone		1.27E-11	3.10E-13				4.31E-06	1			3.50E+02		3.50E-01	1
55-63-0	Explosives	nitroglycerin		3.54E-06	8.66E-08		7.30E-07	1.71E-08	4.00E-04	1			1.16E+02		1.16E-01	1
556-88-7	SVOCs	nitroguanidine		1.82E-14	4.45E-16				1.43E-11	1			2.07E+01		2.07E-02	1
79-46-9	VOCs	nitropropane;2-		4.87E-03	1.19E-04		2.53E-03	5.93E-05	1.72E+01	2			3.08E+01		3.08E-02	1
1116-54-7	SVOCs	nitrosodiethanolamine;N-		1.98E-10	4.85E-12				5.00E-04	1			1.00E+00		1.00E-03	1
55-18-5	SVOCs	nitrosodiethylamine;N-		1.48E-04	3.63E-06				8.60E-01	2			8.29E+01		8.29E-02	1
62-75-9	SVOCs	nitrosodimethylamine;N-		7.44E-05	1.82E-06		3.65E-05	8.57E-07	2.70E+00	2			2.28E+01		2.28E-02	1
924-16-3	VOCs	nitroso-di-n-butylamine;N-		5.40E-04	1.32E-05		2.93E-04	6.88E-06	4.69E-02	2			9.15E+02		9.15E-01	1
621-64-7	SVOCs	nitroso-di-n-propylamine;N-		9.23E-05	2.26E-06	1996 SSL			8.60E-02	1			2.40E+01	1996 SSL	2.40E-02	1
86-30-6	SVOCs	nitrosodiphenylamine;N-		2.05E-04	5.01E-06	1996 SSL			1.00E-01	1			1.29E+03	1996 SSL	1.29E+00	1
759-73-9	SVOCs	nitroso-n-ethylurea;n-		5.40E-09	1.32E-10				1.83E-02	1			2.10E+01		2.10E-02	1
10595-95-6	SVOCs	nitroso-N-methylethylamine;N-		5.89E-05	1.44E-06				1.10E+00	1			4.35E+01		4.35E-02	1
684-93-5	SVOCs	nitroso-n-methylurea;n-		4.05E-09	9.91E-11				2.93E-02	1			1.10E+01		1.10E-02	1
930-55-2	SVOCs	nitrosopyrrolidine;N-		2.00E-06	4.89E-08				6.00E-02	2			9.19E+01		9.19E-02	1

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99-08-1	Explosives	nitrotoluene, m-		3.80E-04	9.30E-06		1.45E-04	3.41E-06	2.05E-01	2			3.63E+02		3.63E-01	1
88-72-2	Explosives	nitrotoluene, o-		5.11E-04	1.25E-05		1.73E-04	4.07E-06	1.88E-01	2			3.71E+02		3.71E-01	1
99-99-0	Explosives	nitrotoluene, p-		2.30E-04	5.63E-06		8.55E-05	2.01E-06	1.57E-02	2			3.63E+02		3.63E-01	1
84852-15-3	Phenols	nonylphenol		1.76E-04	4.30E-06		3.98E-05	9.36E-07	2.36E-05	1			3.83E+04		3.83E+01	1
27314-13-2	Pesticides	norflurazon		1.40E-08	3.43E-10				2.89E-08	1			3.12E+03		3.12E+00	1
85509-19-9	Pesticides	nustar		9.20E-08	2.25E-09				2.93E-07	1			8.11E+04		8.11E+01	1
32536-52-0	PBDEs	octabromodiphenyl ether		3.06E-06	7.48E-08				1.27E-02	1			9.90E+04		9.90E+01	1
2691-41-0	Explosives	octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine		3.54E-08	8.67E-10				3.30E-14	1			5.32E+02		5.32E-01	1
152-16-9	SVOCs	octamethylpyrophosphoramidate		1.54E-08	3.77E-10				1.00E-03	1			2.01E+01		2.01E-02	1
19044-88-3	Pesticides	oryzalin		7.81E-08	1.91E-09				9.75E-09	1			8.25E+02		8.25E-01	1
19666-30-9	Pesticides	oxadiazon		2.97E-06	7.27E-08				1.12E-07	1			5.00E+03		5.00E+00	1
23135-22-0	Pesticides (Carbamate)	oxamyl		9.69E-09	2.37E-10				2.30E-04	1			1.00E+01		1.00E-02	1
42874-03-3	Pesticides	oxyfluorfen		3.35E-05	8.20E-07				2.00E-07	1			3.99E+04		3.99E+01	1
76738-62-0	Herbicides	paclobutrazol		3.39E-09	8.28E-11				7.50E-09	1			9.23E+02		9.23E-01	1
1910-42-5	Pesticides	Paraquat Dichloride		1.32E-11	3.22E-13				7.50E-08	1			6.78E+03		6.78E+00	1
56-38-2	Pesticides	parathion		1.22E-05	2.98E-07				6.68E-06	1			2.42E+03		2.42E+00	1
1114-71-2	Pesticides	pebulate		9.69E-03	2.37E-04				8.85E-02	2			2.99E+02		2.99E-01	1
40487-42-1	Pesticides	pendimethalin		3.50E-05	8.56E-07				1.46E-05	1			5.62E+03		5.62E+00	1
87-84-3	SVOCs	pentabromo-6-chloro-cyclohexane;1,2,3,4,5-		3.92E-05	9.59E-07				3.46E-06	1			2.81E+03		2.81E+00	1
60348-60-9	PBDEs	pentabromodiphenyl ether; 2,2',4,4',5-		4.82E-05	1.18E-06				3.10E-08	1			2.17E+04		2.17E+01	1
32534-81-9	PBDEs	pentabromodiphenyl ethers		4.42E-03	1.08E-04				3.10E-08	1			2.17E+04		2.17E+01	1
608-93-5	SVOCs	pentachlorobenzene		2.87E-02	7.03E-04		9.39E-03	2.21E-04	1.01E-03	1			3.21E+04	Table 747-1	3.21E+01	1
76-01-7	VOCs	pentachloroethane		7.93E-02	1.94E-03		1.21E-07	2.84E-09	3.50E+00	2			1.36E+02		1.36E-01	1
82-68-8	Pesticides	pentachloronitrobenzene		1.81E-03	4.42E-05				5.00E-05	1			6.00E+03		6.00E+00	1
87-86-5	Herbicides	PENTACHLOROPHENOL	pH-DEPENDENT	1.00E-06	2.45E-08	1996 SSL			1.10E-04	1			5.92E+02	Table 747-2	5.92E-01	1
109-66-0	VOCs	pentane;n-		5.11E+01	1.25E+00		3.37E+01	7.91E-01	5.14E+02	2			7.22E+01		7.22E-02	1
14797-73-0	Perchlorates	perchlorate and perchlorate salts								1						1
52645-53-1	Pesticides	permethrin		7.65E-05	1.87E-06				2.18E-08	1			1.19E+05		1.19E+02	1
unavailable19	General Chemistry	pH	pH NOTES							1						1
13684-63-4	Pesticides	phenmedipham		3.44E-11	8.41E-13				1.00E-11	1			2.59E+03		2.59E+00	1
108-95-2	Phenols	phenol		1.63E-05	3.99E-07	1996 SSL	6.40E-06	1.50E-07	3.50E-01	2			2.88E+01	1996 SSL	2.88E-02	1
106-50-3	SVOCs	phenylenediamine, p-		2.75E-08	6.73E-10		8.17E-09	1.92E-10	5.00E-03	1			3.38E+01		3.38E-02	1
108-45-2	SVOCs	phenylenediamine;m-		5.11E-08	1.25E-09		1.54E-08	3.62E-10	2.09E-03	1			3.38E+01		3.38E-02	1
95-54-5	SVOCs	phenylenediamine;o-		2.94E-07	7.20E-09		9.34E-08	2.19E-09	2.06E-03	1			3.45E+01		3.45E-02	1
62-38-4	Metals (organometallic)	phenylmercuric acetate		2.31E-08	5.66E-10				6.00E-06	1			5.64E+01		5.64E-02	1
90-43-7	Phenols	phenylphenol;2-		4.29E-05	1.05E-06				2.00E-03	1			6.72E+03		6.72E+00	1
298-02-2	Pesticides	phorate		1.79E-04	4.37E-06				6.38E-04	1			4.60E+02		4.60E-01	1
75-44-5	VOCs	phosgene		6.83E-01	1.67E-02		4.25E-01	9.97E-03	1.42E+03	2			1.00E+00		1.00E-03	1
732-11-6	Pesticides	phosmet		3.43E-07	8.38E-09				4.90E-07	1			1.00E+01		1.00E-02	1
7803-51-2	Gases	phosphine		9.98E-01	2.44E-02		8.81E-01	2.07E-02	2.93E+04	2						1
7664-38-2	SVOCs	phosphoric acid								2						1
7723-14-0	Nonmetal inorganics	phosphorus		8.60E-02	2.10E-03		7.04E-02	1.65E-03	2.50E-02	2						1
100-21-0	Phthalates	phthalic acid;p-		1.59E-11	3.88E-13		2.74E-12	6.43E-14	9.20E-06	1			7.92E+01		7.92E-02	1
85-44-9	Phthalates	phthalic anhydride		6.66E-07	1.63E-08		1.98E-07	4.65E-09	5.17E-04	1			1.00E+01		1.00E-02	1
1918-02-1	Herbicides	picloram		2.18E-12	5.33E-14				7.21E-11	1			3.88E+01		3.88E-02	1
29232-93-7	Pesticides	pirimiphos-methyl		2.87E-05	7.01E-07				1.50E-05	1			3.75E+02		3.75E-01	1
36355-01-8	PBBs	polybrominated biphenyls								1						1
1336-36-3	PCBs	polychlorinated biphenyls (PCBs)		1.70E-02	4.15E-04				4.94E-04	1			3.09E+05	1996 SSL	3.09E+02	1
151-50-8	Cyanides	potassium cyanide								1						1
7778-74-7	Perchlorates	potassium perchlorate								1						1
506-61-6	Cyanides	potassium silver cyanide								1						1
67747-09-5	Pesticides	prochloraz (not in HSDB)		6.70E-07	1.64E-08				1.13E-06	1			2.43E+03		2.43E+00	1
26399-36-0	Pesticides	profluralin		1.19E-02	2.90E-04				6.30E-05	1			3.05E+04		3.05E+01	1
1610-18-0	Pesticides	prometon		3.72E-08	9.09E-10				2.30E-06	1			1.37E+02		1.37E-01	1
7287-19-6	Pesticides	prometryn		4.87E-07	1.19E-08				1.24E-06	1			6.56E+02		6.56E-01	1
23950-58-5	Pesticides	pronamide		3.99E-07	9.77E-09				4.35E-07	1			4.05E+02		4.05E-01	1

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1918-16-7	Pesticides	propachlor		1.47E-05	3.60E-07				2.30E-04	1			2.05E+02		2.05E-01	1
709-98-8	Pesticides	propanil		6.99E-08	1.71E-09				9.08E-07	1			1.76E+02		1.76E-01	1
2312-35-8	Pesticides	propargite		2.62E-05	6.40E-07				3.00E-07	2			3.67E+04		3.67E+01	1
107-19-7	VOCs	propargyl alcohol		4.70E-05	1.15E-06		4.80E-10	1.13E-11	1.56E+01	2			1.90E+00		1.90E-03	1
139-40-2	Pesticides	propazine		1.88E-07	4.60E-09				1.31E-07	1			3.44E+02		3.44E-01	1
122-42-9	Pesticides	propham		7.52E-06	1.84E-07				1.40E-04	1			2.19E+02		2.19E-01	1
60207-90-1	Pesticides	propiconazole		7.03E-08	1.72E-09				4.20E-07	1			1.56E+03		1.56E+00	1
123-38-6	VOCs	propionaldehyde		3.00E-03	7.34E-05		1.83E-03	4.31E-05	3.17E+02	2			1.00E+00		1.00E-03	1
93-65-2	Herbicides	propionic acid;(2-methyl-4-chlorophenoxy)2-		7.44E-07	1.82E-08				7.50E-07	1			4.85E+01		4.85E-02	1
103-65-1	VOCs	propylbenzene;n-		4.29E-01	1.05E-02		2.02E-01	4.74E-03	3.42E+00	2			8.13E+02		8.13E-01	1
57-55-6	Glycols	propylene glycol		5.27E-07	1.29E-08		1.72E-07	4.04E-09	1.29E-01	2			1.00E+00		1.00E-03	1
6423-43-4	Glycols	propylene glycol dinitrate;1,2-		3.85E-05	9.42E-07				3.78E-01	2			6.07E+01		6.07E-02	1
52125-53-8	Glycols	propylene glycol monoethyl ether		3.02E-06	7.38E-08		1.39E-06	3.25E-08	2.42E+00	2			1.36E+00		1.36E-03	1
107-98-2	Glycols	propylene glycol monomethyl ether		3.76E-05	9.20E-07		2.03E-05	4.78E-07	1.25E+01	2			1.00E+00		1.00E-03	1
75-56-9	VOCs	propylene oxide		2.85E-03	6.96E-05		1.82E-03	4.27E-05	5.38E+02	2			5.19E+00		5.19E-03	1
81335-77-5	Pesticides	pursuit		4.25E-15	1.04E-16				2.15E-11	1			3.39E+02		3.39E-01	1
51630-58-1	Pesticides	pydrin		1.41E-06	3.45E-08				1.50E-09	1			3.17E+05		3.17E+02	1
129-00-0	PAHs	pyrene		4.51E-04	1.10E-05	1996 SSL	1.06E-04	2.50E-06	4.50E-06	1			6.80E+04	Table 747-1	6.80E+01	1
110-86-1	VOCs	pyridine		4.50E-04	1.10E-05		4.67E-04	1.10E-05	2.08E+01	2			7.17E+01		7.17E-02	1
13593-03-8	Pesticides	quinalphos		1.90E-06	4.64E-08				2.60E-06	1			4.19E+03		4.19E+00	1
91-22-5	SVOCs	quinoline		6.83E-05	1.67E-06		2.62E-05	6.16E-07	6.00E-02	2			1.54E+03		1.54E+00	1
13982-63-3	Radionuclides	radium 226	RADIUM 226 NOTE	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1						1
unavailable23	Radionuclides	radium 226 and 228	RADIUM 226 & 228 NOTES	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1						1
121-82-4	Explosives	rdx		8.22E-10	2.01E-11				4.10E-09	1			8.91E+01		8.91E-02	1
E71557	Fibers	REFRACTORY CERAMIC FIBERS	REFRACTORY FIBER NOTE							1						1
10453-86-8	Pesticides	resmethrin		5.44E-06	1.33E-07				1.13E-08	1			3.11E+05		3.11E+02	1
299-84-3	Pesticides	ronnel		1.31E-03	3.20E-05				7.50E-05	1			4.46E+03		4.46E+00	1
83-79-4	Pesticides	rotenone		4.58E-12	1.12E-13				6.94E-10	1			2.61E+05		2.61E+02	1
78-48-8	Pesticides	s,s,s-tributylphosphorotrithioate		1.20E-05	2.94E-07				5.30E-06	1			2.35E+03		2.35E+00	1
78587-05-0	Pesticides	savey		9.69E-07	2.37E-08				2.55E-08	1			2.12E+03		2.12E+00	1
135-98-8	VOCs	sec-butylbenzene		7.20E-01	1.76E-02		2.75E-01	6.46E-03	1.75E+00	2			1.33E+03		1.33E+00	1
7783-00-8	Metal compounds	selenious acid								1						1
7782-49-2	Metals	selenium and compounds		0.00E+00	0.00E+00		0.00E+00	0.00E+00	1.42E-10	1	5.00E+00	Table 747-3			5.00E+00	1
74051-80-2	Pesticides	sethoxydim		8.83E-10	2.16E-11				1.60E-07	1			4.37E+03		4.37E+00	1
7440-22-4	Metals	SILVER	HARDNESS - DEPENDENT	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	8.30E+00	1996 SSL			8.30E+00	1
506-64-9	Cyanides	silver cyanide								1						1
122-34-9	Pesticides	simazine		3.85E-08	9.42E-10				2.21E-08	1			1.47E+02		1.47E-01	1
26628-22-8	Metal compounds	sodium azide								2						1
143-33-9	Cyanides	sodium cyanide								1						1
148-18-5	Metals (organometallic)	sodium diethyldithiocarbamate							8.15E-10	1			2.05E+02		2.05E-01	1
62-74-8	Metals (organometallic)	sodium fluoroacetate		4.46E-05	1.09E-06				6.54E-07	1			1.44E+00		1.44E-03	1
13718-26-8	Metal compounds	sodium metavanadate								1						1
7601-89-0	Perchlorates	sodium perchlorate								1						1
7440-24-6	Metals	strontium		0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	3.50E+01				3.50E+01	1
57-24-9	SVOCs	strychnine		3.09E-12	7.56E-14				2.93E-09	1			5.40E+03		5.40E+00	1
100-42-5	VOCs	styrene		1.13E-01	2.76E-03	1996 SSL	5.63E-02	1.32E-03	6.40E+00	2			9.12E+02	Table 747-1	9.12E-01	1
88671-89-0	Pesticides	systhane		1.75E-07	4.28E-09				1.60E-06	1			6.08E+03		6.08E+00	1
1746-01-6	Dioxins	TCDD;2,3,7,8- (LOW ORGANIC) (DIOXIN)	TEF NOTES	2.04E-03	5.00E-05				1.50E-09	1			2.49E+05		2.49E+02	0.6
34014-18-1	Pesticides	tebuthiuron		4.91E-09	1.20E-10				3.00E-07	1			4.24E+01		4.24E-02	1
3383-96-8	Pesticides	temephos		8.01E-08	1.96E-09				7.91E-08	1			9.51E+04		9.51E+01	1
5902-51-2	Pesticides	terbacil		4.91E-09	1.20E-10				4.70E-07	1			5.01E+01		5.01E-02	1
13071-79-9	SVOCs	terbufos		9.81E-04	2.40E-05				3.20E-04	1			9.99E+02		9.99E-01	1
886-50-0	Pesticides	terbutryn		8.79E-07	2.15E-08				1.69E-06	1			6.07E+02		6.07E-01	1
98-06-6	VOCs	tert-butylbenzene		5.40E-01	1.32E-02		2.06E-01	4.83E-03	2.20E+00	2			1.00E+03		1.00E+00	1
5436-43-1	PBDEs	tetrabromodiphenyl ether 2,2',4,4'		1.21E-04	2.97E-06				7.00E-08	1			1.32E+04		1.32E+01	1
95-94-3	SVOCs	tetrachlorobenzene;1,2,4,5-		4.09E-02	1.00E-03		1.50E-02	3.53E-04	5.40E-03	1			2.22E+03		2.22E+00	1

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630-20-6	VOCs	tetrachloroethane;1,1,1,2-		1.02E-01	2.50E-03		4.75E-02	1.12E-03	1.20E+01	2			8.60E+01		8.60E-02	1
79-34-5	VOCs	tetrachloroethane;1,1,2,2-		1.41E-02	3.45E-04	1996 SSL	6.90E-03	1.62E-04	4.62E+00	2			7.90E+01	Table 747-1	7.90E-02	1
127-18-4	VOCs	TETRACHLOROETHYLENE (PCE)	PCE NOTES	7.54E-01	1.84E-02	1996 SSL	4.00E-01	9.40E-03	1.85E+01	2			2.65E+02	Table 747-1	2.65E-01	1
58-90-2	Phenols	TETRACHLOROPHENOL;2,3,4,6-	pH-DEPENDENT	3.61E-04	8.84E-06			6.66E-04	1	1			2.80E+02	Table 747-2	2.80E-01	1
5216-25-1	VOCs	tetrachlorotoluene;p,a,a,a,-		7.89E-03	1.93E-04		3.08E-03	7.22E-05	3.83E-02	1			1.61E+03		1.61E+00	1
961-11-5	Pesticides	tetrachlorvinphos		7.52E-08	1.84E-09			4.20E-08	1	1			1.38E+03		1.38E+00	1
3689-24-5	Pesticides	tetraethyl dithiopyrophosphate		1.82E-04	4.45E-06			1.05E-04	1	1			2.66E+02		2.66E-01	1
78-00-2	Metals (organometallic)	tetraethyl lead		2.32E+01	5.68E-01		9.50E+00	2.23E-01	2.60E-01	2			6.48E+02		6.48E-01	1
811-97-2	VOCs	tetrafluoroethane;1,1,1,2-		2.04E+00	5.00E-02		1.48E+00	3.47E-02	4.99E+03	2			8.60E+01		8.60E-02	1
109-99-9	Furans	tetrahydrofuran		2.88E-03	7.05E-05		1.75E-03	4.10E-05	1.62E+02	2			1.08E+01		1.08E-02	1
1314-32-5	Metal compounds	thallic oxide							1	1						1
563-68-8	Metal compounds	thallium acetate						1.47E+01	1	1			1.51E+00		1.51E-03	1
6533-73-9	Metal compounds	thallium carbonate						5.81E+00	1	1			2.88E+00		2.88E-03	1
7791-12-0	Metal compounds	thallium chloride							1	1						1
10102-45-1	Metal compounds	thallium nitrate							1	1						1
12039-52-0	Metal compounds	thallium selenite							1	1						1
7446-18-6	Metal compounds	thallium(I) sulfate							1	1						1
7440-28-0	Metals	thallium, soluble salts		0.00E+00	0.00E+00		0.00E+00	0.00E+00	1	7.10E+01	1996 SSL				7.10E+01	1
28249-77-6	Pesticides	thiobencarb		1.09E-05	2.67E-07			2.20E-05	1	1			1.63E+03		1.63E+00	1
21564-17-0	SVOCs	thiocyanomethylthiobenzothiazole;2-		2.65E-10	6.49E-12			3.12E-07	1	1			3.37E+03		3.37E+00	1
39196-18-4	Pesticides	thiofanox		3.84E-07	9.39E-09			1.70E-04	1	1			7.24E+01		7.24E-02	1
23564-05-8	Pesticides	thiophanate-methyl		4.95E-08	1.21E-09			7.13E-08	1	1			3.27E+02		3.27E-01	1
137-26-8	Pesticides	thiram		7.44E-06	1.82E-07			1.73E-05	2	2			6.11E+02		6.11E-01	1
7440-31-5	Metals	tin		0.00E+00	0.00E+00		0.00E+00	0.00E+00	1	2.50E+02					2.50E+02	1
118-96-7	Explosives	tnt		8.50E-07	2.08E-08		2.40E-07	5.63E-09	8.02E-06	1			2.81E+03		2.81E+00	1
108-88-3	VOCs	toluene		2.72E-01	6.65E-03	Table 747-4	1.49E-01	3.49E-03	2.84E+01	2			1.40E+02	Table 747-1	1.40E-01	1
26471-62-5	VOCs	toluene diisocyanate mixture;2,4-/2,6-		4.54E-04	1.11E-05			2.30E-02	2	2			7.42E+03		7.42E+00	1
584-84-9	VOCs	toluene-2,4-diisocyanate		4.54E-04	1.11E-05		1.45E-04	3.41E-06	8.00E-03	2			7.42E+03		7.42E+00	1
91-08-7	VOCs	toluene-2,6-diisocyanate		4.54E-04	1.11E-05		1.76E-04	4.13E-06	2.09E-02	2			7.58E+03		7.58E+00	1
95-70-5	SVOCs	toluenediamine;2,5-		3.04E-07	7.43E-09		1.10E-07	2.59E-09	3.40E-03	1			5.54E+01		5.54E-02	1
106-49-0	SVOCs	toluidine;p-		8.26E-05	2.02E-06		3.20E-05	7.51E-07	2.86E-01	2			1.13E+02		1.13E-01	1
8001-35-2	Pesticides	toxaphene		2.46E-04	6.02E-06	1996 SSL		6.69E-06	1	1			9.58E+04	Table 747-1	9.58E+01	1
93-72-1	Herbicides	tp;2,4,5-		3.70E-07	9.06E-09			9.97E-06	1	1			1.75E+02		1.75E-01	1
unavailable09	Petroleum	tph, diesel range organics							1	1						1
unavailable10	Petroleum	tph, heavy oils							1	1						1
unavailable11	Petroleum	tph, mineral oils							1	1						1
unavailable25	Petroleum	tph: gasoline range organics, benzene present							1	1						1
unavailable08	Petroleum	tph: gasoline range organics, no detectable benzene							1	1						1
66841-25-6	Pesticides	tralomethrin		1.61E-08	3.94E-10			3.60E-11	1	1			1.91E+05		1.91E+02	1
2303-17-5	Pesticides	triallate		4.91E-04	1.20E-05			1.20E-04	1	1			1.01E+03		1.01E+00	1
82097-50-5	Pesticides	triasulfuron		1.32E-11	3.23E-13			5.53E-12	1	1			4.27E+02		4.27E-01	1
615-54-3	VOCs	tribromobenzene;1,2,4-		1.39E-02	3.41E-04		5.04E-03	1.18E-04	5.48E-03	1			6.14E+02		6.14E-01	1
688-73-3	Organotins	tributyltin		6.21E+01	1.52E+00		3.65E+01	8.57E-01	3.99E-02	1			8.09E+03		8.09E+00	1
56-35-9	Organotins	tributyltin oxide		1.23E-05	3.02E-07			7.50E-06	1	1			2.59E+07		2.59E+04	1
10025-85-1	Disinfectants	trichloramine	MCL FOR DISINFECTANTS						1	1						1
76-13-1	VOCs	trichloro-1,2,2-trifluoroethane;1,1,2-		2.15E+01	5.26E-01		1.37E+01	3.22E-01	3.63E+02	2			1.97E+02		1.97E-01	1
76-03-9	SVOCs	trichloroacetic acid		5.52E-07	1.35E-08		2.39E-07	5.60E-09	6.00E-02	1			3.23E+00		3.23E-03	1
33663-50-2	SVOCs	trichloroaniline hydrochloride;2,4,6-		2.94E-12	7.18E-14			6.13E-08	1	1			1.27E+03		1.27E+00	1
634-93-5	SVOCs	trichloroaniline;2,4,6-		5.48E-05	1.34E-06		2.05E-05	4.80E-07	4.44E-03	1			4.44E+03		4.44E+00	1
87-61-6	VOCs	trichlorobenzene;1,2,3-		5.11E-02	1.25E-03		1.72E-02	4.05E-04	2.10E-01	2			1.38E+03		1.38E+00	1
120-82-1	VOCs	trichlorobenzene;1,2,4-		5.82E-02	1.42E-03	1996 SSL	2.38E-02	5.59E-04	4.60E-01	2			1.66E+03	Table 747-1	1.66E+00	1
71-55-6	VOCs	trichloroethane;1,1,1-		7.05E-01	1.72E-02	1996 SSL	4.21E-01	9.89E-03	1.24E+02	2			1.35E+02	Table 747-1	1.35E-01	1
79-00-5	VOCs	trichloroethane;1,1,2-		3.74E-02	9.15E-04	1996 SSL	1.98E-02	4.65E-04	2.30E+01	2			7.50E+01	Table 747-1	7.50E-02	1
79-01-6	VOCs	TRICHLOROETHYLENE (TCE)	TCE NOTES	4.22E-01	1.03E-02	1996 SSL	2.44E-01	5.72E-03	6.90E+01	2			9.40E+01	Table 747-1	9.40E-02	1
75-69-4	VOCs	trichlorofluoromethane		3.97E+00	9.70E-02		2.68E+00	6.29E-02	8.03E+02	2			4.39E+01		4.39E-02	1
95-95-4	Phenols	TRICHLOROPHENOL;2,4,5-	pH-DEPENDENT	1.78E-04	4.35E-06	1996 SSL	6.90E-05	1.62E-06	7.50E-03	2			1.60E+03	Table 747-2	1.60E+00	1

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Hcc (Henry's Law Constant) 25 degrees C (unitless)	HLC (Henry's Law Constant) 25 degrees C (atm-m ³ /mol)	Ref. ORNL RAIS (unless noted)	Hcc (Henry's Law Constant) 13 degrees C (unitless)	HLC (Henry's Law Constant) 13 degrees C (atm-m ³ /mol)	VP (Vapor Pressure) 25 degrees C ORNL RAIS mmHg	INH (Ground Water Inhalation Correction Factor) (unitless)	Kd (Distribution Factor for metals) (L/kg)	Ref. ORNL RAIS (unless noted)	Koc (Soil Organic Carbon-Water Partitioning Coefficient) (L/kg)	Ref. ORNL RAIS (unless noted)	Kd (Distribution Factor for metals and organics) (L/kg)	AB1 GI Absorption Fraction (unitless)
88-06-2	Phenols	TRICHLOROPHENOL;2,4,6-	pH-DEPENDENT	3.19E-04	7.80E-06	1996 SSL	1.24E-04	2.91E-06	8.00E-03	2			3.81E+02	Table 747-2	3.81E-01	1
93-76-5	Herbicides	trichlorophenoxyacetic acid;2,4,5-		3.55E-07	8.68E-09				3.75E-05	1			1.07E+02		1.07E-01	1
598-77-6	VOCs	trichloropropane;1,1,2-		1.30E-02	3.17E-04		6.72E-03	1.58E-04	3.10E+00	2			9.49E+01		9.49E-02	1
96-18-4	VOCs	trichloropropane;1,2,3-		1.40E-02	3.43E-04		6.68E-03	1.57E-04	3.69E+00	2			1.16E+02		1.16E-01	1
96-19-5	VOCs	trichloropropene;1,2,3-		7.20E-01	1.76E-02		3.62E-01	8.51E-03	4.40E+00	2			1.16E+02		1.16E-01	1
58138-08-2	Pesticides	tridiphane		1.68E-05	4.10E-07				3.90E-04	1			3.45E+03		3.45E+00	1
121-44-8	VOCs	triethylamine		6.09E-03	1.49E-04		3.28E-03	7.70E-05	5.71E+01	2			5.08E+01		5.08E-02	1
1582-09-8	Pesticides	trifluralin		4.21E-03	1.03E-04				4.58E-05	1			1.64E+04		1.64E+01	1
unavailable13	VOCs	trihalomethanes, (total) (TTHMs)	TTHM NOTES							2						1
512-56-1	SVOCs	trimethyl phosphate		2.94E-07	7.20E-09		1.27E-07	2.98E-09	8.50E-01	2			1.06E+01		1.06E-02	1
526-73-8	VOCs	trimethylbenzene;1,2,3-		1.78E-01	4.36E-03		6.62E-02	1.56E-03	1.69E+00	2			6.27E+02		6.27E-01	1
95-63-6	VOCs	trimethylbenzene;1,2,4-		2.52E-01	6.16E-03		1.15E-01	2.70E-03	2.10E+00	2			6.14E+02		6.14E-01	1
108-67-8	VOCs	trimethylbenzene;1,3,5-		3.59E-01	8.77E-03		1.64E-01	3.85E-03	2.48E+00	2			6.02E+02		6.02E-01	1
99-35-4	Explosives	trinitrobenzene;1,3,5-		2.66E-07	6.50E-09		6.75E-08	1.58E-09	6.44E-06	1			1.68E+03		1.68E+00	1
479-45-8	Explosives	trinitrophenylmethylnitramine		1.11E-07	2.71E-09				5.66E-08	2			4.61E+03		4.61E+00	1
7440-61-1	Radionuclides	uranium, soluble salts	URANIUM, SOLUBLE SALTS	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	4.50E+02				4.50E+02	1
7440-62-2	Metals	vanadium		0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	1.00E+03	1996 SSL			1.00E+03	1
1314-62-1	Metal compounds	vanadium pentoxide								1						1
1929-77-7	Pesticides	vernam		1.26E-03	3.09E-05				1.04E-02	2			2.99E+02		2.99E-01	1
50471-44-8	Pesticides	vinclozolin		7.11E-07	1.74E-08				1.20E-07	1			2.84E+02		2.84E-01	1
108-05-4	VOCs	vinyl acetate		2.10E-02	5.14E-04	1996 SSL	1.18E-02	2.77E-04	9.02E+01	2			5.25E+00	1996 SSL	5.25E-03	1
75-01-4	VOCs	VINYL CHLORIDE	VINYL CHLORIDE NOTES	1.11E+00	2.72E-02	1996 SSL	8.30E-01	1.95E-02	2.98E+03	2			1.86E+01	1996 SSL	1.86E-02	1
81-81-2	Pesticides	warfarin		1.13E-07	2.77E-09				1.16E-07	2			4.26E+02		4.26E-01	1
8012-95-1	Petroleum	white mineral oil							1.35E-01	1						1
108-38-3	VOCs	xylene;m-		3.01E-01	7.36E-03	1996 SSL	1.52E-01	3.57E-03	8.29E+00	2			1.96E+02	Table 747-1	1.96E-01	1
95-47-6	VOCs	xylene;o-		2.13E-01	5.21E-03	1996 SSL	1.06E-01	2.50E-03	6.61E+00	2			2.41E+02	Table 747-1	2.41E-01	1
106-42-3	VOCs	xylene;p-		3.14E-01	7.68E-03	1996 SSL	1.59E-01	3.73E-03	8.84E+00	2			3.11E+02	Table 747-1	3.11E-01	1
1330-20-7	VOCs	xylenes		2.79E-01	6.82E-03	Table 747-4	1.41E-01	3.32E-03	7.99E+00	2			2.33E+02	Table 747-4	2.33E-01	1
7440-66-6	Metals	ZINC	HARDNESS - DEPENDENT	0.00E+00	0.00E+00		0.00E+00	0.00E+00		1	6.20E+01	Table 747-3			6.20E+01	1
557-21-1	Cyanides	zinc cyanide								1						1
1314-84-7	Metal compounds	zinc phosphide								1						1
12122-67-7	Pesticides	zineb		1.11E-07	2.72E-09				7.50E-08	1			1.35E+03		1.35E+00	1