

Chemical Name	CAS #	Soil	Soil	Soil	Soil	Soil	Soil	Ground Water	Ground Water
		Method A Unrestricted Land Use (mg/kg)	Method B Noncancer Direct Contact (mg/kg)	Method B Cancer Direct Contact (mg/kg)	Protective of Groundwater Vadose @ 25 degrees C see guidance (mg/kg)	Protective of Groundwater Vadose @ 13 degrees C see guidance (mg/kg)	Protective of Groundwater Saturated see guidance (mg/kg)	Target Cleanup Level see guidance (µg/L)	Target Criterion see guidance
** = pH-dependent ionizing organic, see guidance									
apollo	74115-24-5		1.04E+03						
aramite	140-57-8		4.00E+03	4.00E+01					
aroclor 1016	12674-11-2		5.60E+00	1.43E+01					
aroclor 1254	11097-69-1		1.60E+00	5.00E-01					
aroclor 1260	11096-82-5			5.00E-01					
arsenic, inorganic	7440-38-2	2.00E+01	2.40E+01	6.67E-01	2.92E+00	2.92E+00	1.46E-01	5.00E+00	Background
arsine	7784-42-1		2.80E-01						
assure	76578-14-8		7.20E+02						
asulam	3337-71-1		4.00E+03						
atrazine	1912-24-9		2.80E+03	4.35E+00					
avermectin B1	65195-55-3		3.20E+01						
azobenzene	103-33-3			9.09E+00					
barium and compounds	7440-39-3		1.60E+04		1.65E+03	1.65E+03	8.26E+01	2.00E+03	MCL
barium cyanide	542-62-1								
baygon	114-26-1		3.20E+02						
bayleton	43121-43-3		2.40E+03						
baythroid	68359-37-5		2.00E+03						
benefin	1861-40-1		2.40E+04						
benomyl	17804-35-2		4.00E+03						
bentazon	25057-89-0		2.40E+03						
benzaldehyde	100-52-7		8.00E+03						
benzene	71-43-2	3.00E-02	3.20E+02	1.82E+01	2.82E-02	2.74E-02	1.74E-03	5.00E+00	MCL
benzenethiol	108-98-5		8.00E+01						
benzidine	92-87-5		2.40E+02	4.35E-03					
benzo(g,h,i)perylene	191-24-2								
benzo[a]anthracene	56-55-3			1.37E+00	8.58E-01		4.29E-02	1.20E-01	C
benzo[a]pyrene	50-32-8	1.00E-01		1.37E-01	2.33E+00		1.16E-01	1.20E-01	MCL C ADJ
benzo[b]fluoranthene	205-99-2			1.37E+00	2.95E+00	2.95E+00	1.47E-01	1.20E-01	C
benzo[k]fluoranthene	207-08-9			1.37E+01	2.95E+01		1.47E+00	1.20E+00	C
benzoic acid **	65-85-0		3.20E+05		2.57E+02		1.84E+01	6.40E+04	N
benzotrichloride	98-07-7			7.69E-02					
benzyl alcohol	100-51-6		8.00E+03						
benzyl chloride	100-44-7		1.60E+02	5.88E+00					
beryllium	7440-41-7		1.60E+02		6.32E+01	6.32E+01	3.16E+00	4.00E+00	MCL
beta-chloronaphthalene	91-58-7		6.40E+03						
bidrin	141-66-2		8.00E+00						
biphenthrin	82657-04-3		1.20E+03						
biphenyl;1,1-	92-52-4		4.00E+04	1.25E+02					
bis(2-chloro-1-methyl-ethyl)ether	108-60-1		3.20E+03	1.43E+01					

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bis(2-chloroethyl)ether	111-44-4			9.09E-01	2.20E-04	2.20E-04	1.44E-05	3.98E-02	C
bis(2-chloroisopropyl) ether	39638-32-9								
bis(2-ethylhexyl) phthalate	117-81-7		1.60E+03	7.14E+01	1.34E+01		6.68E-01	6.00E+00	MCL
bis(chloromethyl)ether	542-88-1			4.55E-03					
bisphenol a	80-05-7		4.00E+03						
boron	7440-42-8		1.60E+04						
bromate	15541-45-4		3.20E+02	1.43E+00					
bromodichloromethane	75-27-4		1.60E+03	1.61E+01	3.96E-02	3.92E-02	2.60E-03	7.60E+00	MCL C ADJ
bromoethene	593-60-2								
bromoform	75-25-2		1.60E+03	1.27E+02	3.63E-01	3.62E-01	2.29E-02	5.54E+01	MCL C ADJ
bromomethane	74-83-9		1.12E+02		5.18E-02	5.03E-02	3.31E-03	1.12E+01	N
bromophos	2104-96-3		4.00E+02						
bromoxynil	1689-84-5		1.60E+03						
bromoxynil octanoate	1689-99-2		1.60E+03						
butadiene;1,3-	106-99-0			2.94E-01					
butanol;n-	71-36-3		8.00E+03		3.31E+00		2.35E-01	8.00E+02	N
butyl benzyl phthalate	85-68-7		1.60E+04	5.26E+02	1.28E+01		6.46E-01	4.61E+01	C
butylate	2008-41-5		4.00E+03						
butylphthalyl butylglycolate	85-70-1		8.00E+04						
butyric acid;4-(2-methyl-4-chlorophenoxy)-	94-81-5		8.00E+02						
cacodylic acid	75-60-5		1.60E+03						
cadmium (soil and nonpotable surface water)	7440-43-9a	2.00E+00	8.00E+01						
cadmium (potable groundwater and surface water)	7440-43-9				6.90E-01	6.90E-01	3.49E-02	5.00E+00	MCL
calcium cyanide	592-01-8		8.00E+01						
caprolactam	105-60-2		4.00E+04						
captafol	2425-06-1		1.60E+02	6.67E+00					
captan	133-06-2		1.04E+04	4.35E+02					
carbaryl	63-25-2		8.00E+03						
carbazole	86-74-8								
carbofuran	1563-66-2		4.00E+02						
carbon disulfide	75-15-0		8.00E+03		5.65E+00	5.04E+00	2.66E-01	8.00E+02	N
carbon tetrachloride	56-23-5		3.20E+02	1.43E+01	4.60E-02	4.16E-02	2.19E-03	5.00E+00	MCL
carbophenothion	786-19-6								
carbosulfan	55285-14-8		8.00E+02						
carboxin	5234-68-4		8.00E+03						
chloral	75-87-6								
chloral hydrate	302-17-0		8.00E+03						
chloramben	133-90-4		1.20E+03						
chloranil	118-75-2			2.50E+00					

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** = pH-dependent ionizing organic, see guidance									
chlordane	57-74-9		4.00E+01	2.86E+00	2.06E+00	2.06E+00	1.03E-01	2.00E+00	MCL
chloride	16887-00-6								
chlorimuron-ethyl	90982-32-4		1.60E+03						
chlorine	7782-50-5		8.00E+03						
chlorine cyanide	506-77-4		4.00E+03						
chlorine dioxide	10049-04-4		2.40E+03						
chlorite	7758-19-2		2.40E+03						
chloro-1,1-difluoroethane;1-	75-68-3								
chloro-1,3-butadiene;2-	126-99-8		1.60E+03						
chloro-2-methylaniline hydrochloride;4-	3165-93-3			2.17E+00					
chloro-2-methylaniline;4-	95-69-2		2.40E+02	1.00E+01					
chloroacetic acid	79-11-8		1.60E+02						
chloroacetophenone;2-	532-27-4								
chloroaniline;p-	106-47-8		3.20E+02	5.00E+00	1.16E-03		7.72E-05	2.19E-01	C
chlorobenzene	108-90-7		1.60E+03		8.74E-01	8.62E-01	5.11E-02	1.00E+02	MCL
chlorobenzilate	510-15-6		1.60E+03	9.09E+00					
chlorobenzoic acid;p-	74-11-3		2.40E+03						
chlorobenzotrifluoride;4-	98-56-6		2.40E+02						
chlorobutane;1-	109-69-3		3.20E+03						
chlorodifluoromethane	75-45-6								
chloroform	67-66-3		8.00E+02	3.23E+01	7.50E-02	7.36E-02	4.79E-03	1.41E+01	MCL C ADJ
chloromethane	74-87-3								
chloromethyl methyl ether	107-30-2			4.17E-01					
chloronitrobenzene;o-	88-73-3		2.40E+02	3.33E+00					
chloronitrobenzene;p-	100-00-5		8.00E+01	1.59E+02					
chlorophenol;2- **	95-57-8		4.00E+02		4.72E-01	4.71E-01	2.70E-02	4.00E+01	N
chlorophenyl methyl sulfide;p-	123-09-1								
chlorophenyl methyl sulfone;p-	98-57-7								
chlorophenyl methyl sulfoxide;p-	934-73-6								
chloropropane;2-	75-29-6								
chlorothalonil	1897-45-6		1.20E+03	3.23E+02					
chlorotoluene;o-	95-49-8		1.60E+03						
chlorpropham	101-21-3		1.60E+04						
chlorpyrifos	2921-88-2		8.00E+01						
chlorpyrifos-methyl	5598-13-0		8.00E+02						
chlorsulfuron	64902-72-3		4.00E+03						
chlorthiophos	21923-23-9		6.40E+01						
chromium (total)	7440-47-3								
chromium(III)	16065-83-1	2.00E+03	1.20E+05		4.80E+05	4.80E+05	2.40E+04	2.40E+04	N

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		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(µg/L)	
** = pH-dependent ionizing organic, see guidance									
chromium(VI)	18540-29-9	1.90E+01	2.40E+02		1.84E+01	1.84E+01	9.26E-01	4.80E+01	N
chrysene	218-01-9			1.37E+02	9.55E+01	9.55E+01	4.77E+00	1.20E+01	C
coke oven emissions	8007-45-2								
coal tar creosote	8001-58-9								
copper	7440-50-8		3.20E+03		2.84E+02	2.84E+02	1.43E+01	6.40E+02	MCL N ADJ
copper cyanide	544-92-3		4.00E+02						
cresol;m-	108-39-4		4.00E+03						
cresol;o-	95-48-7		4.00E+03		2.33E+00		1.51E-01	4.00E+02	N
cresol;p-	106-44-5		8.00E+03						
crotonaldehyde	123-73-9		8.00E+01	5.26E-01					
cumene	98-82-8		8.00E+03						
cyanazine	21725-46-2		1.60E+02	1.19E+00					
cyanide	57-12-5		4.80E+01						
cyanogen	460-19-5		8.00E+01						
cyanogen bromide	506-68-3		7.20E+03						
cyclohexane	110-82-7								
cyclohexanone	108-94-1		4.00E+05						
cyclohexylamine	108-91-8		1.60E+04						
cyclopentadiene	542-92-7								
cyhalothrin/karate	68085-85-8		4.00E+02						
cypermethrin	52315-07-8		8.00E+02						
cyromazine	66215-27-8		6.00E+02						
dacthal	1861-32-1		8.00E+02						
dalapon, sodium salt	75-99-0		2.40E+03						
danitol	39515-41-8		2.00E+03						
db;2,4-	94-82-6		6.40E+02						
ddd	72-54-8			4.17E+00	3.35E-01		1.68E-02	3.65E-01	C
dde	72-55-9			2.94E+00	4.46E-01	4.46E-01	2.23E-02	2.57E-01	C
ddt	50-29-3	3.00E+00	4.00E+01	2.94E+00	3.49E+00		1.75E-01	2.57E-01	C
decabromodiphenyl ether	1163-19-5		5.60E+02	1.43E+03					
demeton	8065-48-3		3.20E+00						
di(2-ethylhexyl)adipate	103-23-1		4.80E+04	8.33E+02					
diallate	2303-16-4			1.64E+01					
diazinon	333-41-5		5.60E+01						
dibenzo[a,h]anthracene	53-70-3			1.37E-01	4.29E-01		2.14E-02	1.20E-02	C
dibenzofuran	132-64-9		8.00E+01						
dibromo-3-chloropropane;1,2-	96-12-8		1.60E+01	1.25E+00					
dibromobenzene;1,4-	106-37-6		8.00E+02						
dibromochloromethane	124-48-1		1.60E+03	1.19E+01	2.77E-02	2.76E-02	1.82E-03	5.21E+00	MCL C ADJ

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** = pH-dependent ionizing organic, see guidance									
dimethyl terephthalate	120-61-6		8.00E+03						
dimethylamine	124-40-3								
dimethylaniline hydrochloride;2,4-	21436-96-4			1.72E+00					
dimethylaniline;2,4-	95-68-1		1.60E+02	5.00E+00					
dimethylaniline;N,N-	121-69-7		1.60E+02						
dimethylbenzidine;3,3'-	119-93-7			9.09E-02					
dimethylformamide;N,N-	68-12-2		8.00E+03						
dimethylhydrazine;1,1-	57-14-7		8.00E+00						
dimethylhydrazine;1,2-	540-73-8			1.82E-03					
dimethylphenol;2,4-	105-67-9		1.60E+03		1.31E+00		7.93E-02	1.60E+02	N
dimethylphenol;2,6-	576-26-1		4.80E+01						
dimethylphenol;3,4-	95-65-8		8.00E+01						
dinitrobenzene;m-	99-65-0		8.00E+00						
dinitrobenzene;o-	528-29-0		8.00E+00						
dinitrobenzene;p-	100-25-4		8.00E+00						
dinitro-o-cyclohexyl phenol;4,6-	131-89-5		1.60E+02						
dinitrophenol;2,4- **	51-28-5		1.60E+02		1.28E-01		9.17E-03	3.20E+01	N
dinitrotoluene mixture; 2,4-/2,6-	25321-14-6		7.20E+01	2.22E+00					
dinitrotoluene;2,4-	121-14-2		1.60E+02	3.23E+00	1.67E-03		1.08E-04	2.82E-01	C
dinitrotoluene;2,6-	606-20-2		2.40E+01	6.67E-01	3.14E-04		2.08E-05	5.83E-02	C
di-n-octyl phthalate	117-84-0		8.00E+02		2.66E+05		1.33E+04	1.60E+02	N
dinoseb	88-85-7		8.00E+01						
dioxane;1,4-	123-91-1		2.40E+03	1.00E+01					
diphenamid	957-51-7		2.40E+03						
diphenylamine	122-39-4		2.00E+03						
diphenylhydrazine;1,2-	122-66-7			1.25E+00					
diquat	85-00-7		1.76E+02						
direct black 38	1937-37-7			1.40E-01					
direct blue 6	2602-46-2			1.40E-01					
direct brown 95	16071-86-6			1.50E-01					
direct sky blue	2610-05-1								
disulfoton	298-04-4		3.20E+00						
dithiane;1,4-	505-29-3		8.00E+02						
diuron	330-54-1		1.60E+02						
dodine	2439-10-3		3.20E+02						
endosulfan	115-29-7		4.80E+02		4.30E+00	4.30E+00	2.23E-01	9.60E+01	N
endothall	145-73-3		1.60E+03						
endrin	72-20-8		2.40E+01		4.40E-01		2.22E-02	2.00E+00	MCL
epichlorohydrin	106-89-8		4.80E+02	1.01E+02					

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epoxybutane	106-88-7								
ethephon	16672-87-0		4.00E+02						
ethion	563-12-2		4.00E+01						
ethoxyethanol acetate;2-	111-15-9		8.00E+03						
ethoxyethanol;2-	110-80-5		7.20E+03						
ethyl acetate	141-78-6		7.20E+04						
ethyl acrylate	140-88-5		4.00E+02	2.08E+01					
ethyl chloride	75-00-3								
ethyl dipropylthiocarbamate;S-	759-94-4		2.00E+03						
ethyl ether	60-29-7		1.60E+04						
ethyl methacrylate	97-63-2		7.20E+03						
ethyl p-nitrophenyl phenylphosphorothioate	2104-64-5		8.00E-01						
ethylbenzene	100-41-4	6.00E+00	8.00E+03		6.05E+00		3.43E-01	7.00E+02	MCL
ethylene cyanohydrin	109-78-4		5.60E+03						
ethylene diamine	107-15-3		7.20E+03						
ethylene dibromide (EDB)	106-93-4	5.00E-03	7.20E+02	5.00E-01					
ethylene glycol	107-21-1		1.60E+05						
ethylene glycol monobutyl ether (EGBE)	111-76-2		8.00E+03						
ethylene oxide	75-21-8			3.23E+00					
ethylene thiourea	96-45-7		6.40E+00	2.22E+01					
ethylphthalyl ethylglycolate	84-72-0		2.40E+05						
express	101200-48-0		6.40E+02						
fenamiphos	22224-92-6		2.00E+01						
fensulfothion	115-90-2								
fluometuron	2164-17-2		1.04E+03						
fluoranthene	206-44-0		3.20E+03		6.31E+02		3.16E+01	6.40E+02	N
fluorene	86-73-7		3.20E+03		1.01E+02	1.01E+02	5.12E+00	6.40E+02	N
fluoride	16984-48-8		3.20E+03						
fluorine, soluble fluoride	7782-41-4		4.80E+03						
fluridone	59756-60-4		6.40E+03						
flurprimidol	56425-91-3		1.60E+03						
flutolanil	66332-96-5		4.80E+03						
fluvalinate	69409-94-5		8.00E+02						
folpet	133-07-3		8.00E+03	2.86E+02					
fomesafen	72178-02-0			5.26E+00					
fonfos	944-22-9		1.60E+02						
formaldehyde	50-00-0		1.60E+04						
formic acid	64-18-6		7.20E+04						
fosetyl-al	39148-24-8		2.40E+05						

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furan	110-00-9		8.00E+01						
furazolidone	67-45-8			2.63E-01					
furfural	98-01-1		2.40E+02						
furium	531-82-8			6.67E-01					
furmecyclox	60568-05-0			3.33E+01					
glufosinate-ammonium	77182-82-2		3.20E+01						
glycidaldehyde	765-34-4		3.20E+01						
glyphosate	1071-83-6		8.00E+03						
gross alpha particle activity	unavailable20								
gross beta particle activity	unavailable21								
haloxyfop-methyl	69806-40-2		4.00E+00						
harmony	79277-27-3		1.04E+03						
heptachlor	76-44-8		4.00E+01	2.22E-01	3.78E-02		1.90E-03	1.94E-01	MCL C ADJ
heptachlor epoxide	1024-57-3		1.04E+00	1.10E-01	8.02E-02		4.02E-03	4.81E-02	MCL C ADJ
heptane;n-	142-82-5								
hexabromobenzene	87-82-1		1.60E+02						
hexabromodiphenyl ether; 2,2',4,4',5,5'-	68631-49-2		1.60E+01						
hexachlorobenzene	118-74-1		6.40E+01	6.25E-01	8.77E-01	8.77E-01	4.39E-02	5.47E-01	MCL C ADJ
hexachlorobutadiene	87-68-3		8.00E+01	1.28E+01	6.05E-01	6.05E-01	3.03E-02	5.61E-01	C
hexachlorocyclohexane;alpha	319-84-6		6.40E+02	1.59E-01	5.45E-04	5.45E-04	2.85E-05	1.39E-02	C
hexachlorocyclohexane;beta-	319-85-7			5.56E-01	2.27E-03		1.18E-04	4.86E-02	C
hexachlorocyclohexane;delta-	319-86-8								
hexachlorocyclohexane;technical	608-73-1			5.56E-01					
hexachlorocyclopentadiene	77-47-4		4.80E+02		1.92E+02	1.92E+02	9.61E+00	4.80E+01	MCL N ADJ
hexachlorodibenzo-p-dioxin, mixture	19408-74-3			1.61E-04					
hexachloroethane	67-72-1		5.60E+01	2.50E+01	4.36E-02	4.34E-02	2.26E-03	1.09E+00	C
hexachlorophene	70-30-4		2.40E+01						
hexamethylene diisocyanate;1,6-	822-06-0								
hexane;n-	110-54-3		4.80E+03		9.62E+01	6.89E+01	1.77E+00	4.80E+02	N
hexazinone	51235-04-2		2.64E+03						
hydrazine	302-01-2			3.33E-01					
hydrazine sulfate	10034-93-2			3.33E-01					
hydrogen chloride	7647-01-0								
hydrogen cyanide	74-90-8		4.80E+01						
hydrogen sulfide	7783-06-4								
hydroquinone	123-31-9		3.20E+03	1.67E+01					
imazalil	35554-44-0		1.04E+03						
imazaquin	81335-37-7		2.00E+04						
indeno[1,2,3-cd]pyrene	193-39-5			1.37E+00	8.32E+00		4.16E-01	1.20E-01	C

Chemical Name	CAS #	Soil	Soil	Soil	Soil	Soil	Soil	Ground Water	Ground Water
		Method A Unrestricted Land Use (mg/kg)	Method B Noncancer Direct Contact (mg/kg)	Method B Cancer Direct Contact (mg/kg)	Protective of Groundwater Vadose @ 25 degrees C see guidance (mg/kg)	Protective of Groundwater Vadose @ 13 degrees C see guidance (mg/kg)	Protective of Groundwater Saturated see guidance (mg/kg)	Target Cleanup Level see guidance (µg/L)	Target Criterion see guidance
** = pH-dependent ionizing organic, see guidance									
iprodione	36734-19-7		3.20E+03						
iron	7439-89-6		5.60E+04						
isobutyl alcohol	78-83-1		2.40E+04						
isophorone	78-59-1		1.60E+04	1.05E+03	2.27E-01		1.54E-02	4.61E+01	C
isopropalin	33820-53-0		1.20E+03						
isopropyl methyl phosphonic acid	1832-54-8		8.00E+03						
isoxaben (not in HSDB)	82558-50-7		4.00E+03						
lactofen	77501-63-4		1.60E+02						
lead	7439-92-1	2.50E+02			3.00E+03	3.00E+03	1.50E+02	1.50E+01	MCL
lead alkyls	unavailable02								
lindane	58-89-9	1.00E-02	2.40E+01	9.09E-01	6.21E-03	6.21E-03	3.28E-04	2.00E-01	MCL
linuron	330-55-2		1.60E+02						
lithium perchlorate	7791-03-9		5.60E+01						
londax	83055-99-6		1.60E+04						
malathion	121-75-5		1.60E+03						
maleic anhydride	108-31-6		8.00E+03						
maleic hydrazide	123-33-1		4.00E+04						
malononitrile	109-77-3		8.00E+00						
mancozeb	8018-01-7		2.40E+03						
maneb	12427-38-2		4.00E+02						
manganese	7439-96-5		1.12E+04						
mephosfolan	950-10-7		7.20E+00						
mepiquat chloride	24307-26-4		2.40E+03						
mercuric chloride	7487-94-7		2.40E+01						
mercury	7439-97-6	2.00E+00			2.09E+00	2.09E+00	1.05E-01	2.00E+00	MCL
merphos	150-50-5		2.40E+00						
metalaxyl	57837-19-1		4.80E+03						
methacrylonitrile	126-98-7		8.00E+00						
methamidophos	10265-92-6		4.00E+00						
methanol	67-56-1		1.60E+05						
methidathion	950-37-8		8.00E+01						
methomyl	16752-77-5		2.00E+03						
methoxy-5-nitroaniline;2-	99-59-2			2.04E+01					
methoxychlor	72-43-5		4.00E+02		6.42E+01	6.24E+01	3.21E+00	4.00E+01	MCL
methoxyethanol acetate;2-	110-49-6		6.40E+02						
methoxyethanol;2-	109-86-4		4.00E+02						
methyl acetate	79-20-9		8.00E+04						
methyl acrylate	96-33-3		2.40E+03						
methyl ethyl ketone	78-93-3		4.80E+04						

Chemical Name	CAS #	Soil	Soil	Soil	Soil	Soil	Soil	Ground Water	Ground Water
		Method A Unrestricted Land Use	Method B Noncancer Direct Contact	Method B Cancer Direct Contact	Protective of Groundwater Vadose @ 25 degrees C see guidance	Protective of Groundwater Vadose @ 13 degrees C see guidance	Protective of Groundwater Saturated see guidance	Target Cleanup Level see guidance	Target Criterion see guidance
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(µg/L)	
** = pH-dependent ionizing organic, see guidance									
methyl isobutyl ketone	108-10-1		6.40E+03						
methyl mercury	22967-92-6		8.00E+00						
methyl methacrylate	80-62-6		1.12E+05						
methyl naphthalene;1-	90-12-0		5.60E+03	3.45E+01					
methyl naphthalene;2-	91-57-6		3.20E+02						
methyl parathion	298-00-0		2.00E+01						
methyl styrene	25013-15-4		4.80E+02						
methyl styrene, alpha	98-83-9		5.60E+03						
methyl tert-butyl ether	1634-04-4	1.00E-01		5.56E+02	1.03E-01	1.03E-01	7.23E-03	2.43E+01	C
methyl-4-chlorophenoxy-acetic acid;2-	94-74-6		4.00E+01						
methyl-5-nitroaniline;2-	99-55-8		1.60E+03	1.11E+02					
methylaniline hydrochloride;2-	636-21-5			7.69E+00					
methylaniline;2-	95-53-4								
methylcyclohexane	108-87-2								
methylene bis(2-chloroaniline);4,4'-	101-14-4		1.60E+02	1.00E+01					
methylene bis(n,n'-dimethyl)aniline;4,4'-	101-61-1			2.17E+01					
methylene bromide	74-95-3		8.00E+02						
methylene chloride	75-09-2	2.00E-02	4.80E+02	5.00E+02	2.18E-02	2.15E-02	1.48E-03	5.00E+00	MCL
methylene diphenyl diisocyanate (MDI)	101-68-8								
methylene diphenyl diisocyanate (PMDI)	9016-87-9								
methylenebisbenzenamine;4,4-	101-77-9			6.25E-01					
methylhydrazine	60-34-4		8.00E+01						
metolachlor	51218-45-2		1.20E+04						
metribuzin	21087-64-9		2.00E+03						
mevinphos	7786-34-7								
mirex	2385-85-5		1.60E+01	5.56E-02					
molinate	2212-67-1		1.60E+02						
molybdenum	7439-98-7		4.00E+02						
monochloramine	10599-90-3		8.00E+03						
monochlorobutanes (not in HSDB)	unavailable03								
naled	300-76-5		1.60E+02						
naphthalene	91-20-3	5.00E+00	1.60E+03		4.46E+00	4.45E+00	2.36E-01	1.60E+02	N
napropamide	15299-99-7		8.00E+03						
n-butylbenzene	104-51-8		4.00E+03						
niagara blue 4B	2429-74-5								
nickel refinery dust	unavailable04		8.80E+02						
nickel soluble salts	7440-02-0		1.60E+03		1.30E+02	1.30E+02	6.53E+00	1.00E+02	MCL WA
nickel subsulfide	12035-72-2		8.80E+02	5.88E-01					
nitrate	14797-55-8		1.28E+05						

Chemical Name	CAS #	Soil	Soil	Soil	Soil	Soil	Soil	Ground Water	Ground Water
		Method A Unrestricted Land Use (mg/kg)	Method B Noncancer Direct Contact (mg/kg)	Method B Cancer Direct Contact (mg/kg)	Protective of Groundwater Vadose @ 25 degrees C see guidance (mg/kg)	Protective of Groundwater Vadose @ 13 degrees C see guidance (mg/kg)	Protective of Groundwater Saturated see guidance (mg/kg)	Target Cleanup Level see guidance (µg/L)	Target Criterion see guidance
** = pH-dependent ionizing organic, see guidance									
nitric oxide	10102-43-9								
nitrite	14797-65-0		8.00E+03						
nitroaniline, 2-	88-74-4		8.00E+02						
nitrobenzene	98-95-3		1.60E+02		1.02E-01	1.02E-01	6.49E-03	1.60E+01	N
nitrofurantoin	67-20-9		5.60E+03						
nitrofurazone	59-87-0			7.69E-01					
nitrogen dioxide	10102-44-0								
nitroguanidine	556-88-7		8.00E+03						
nitropropane;2-	79-46-9								
nitrosodiethanolamine;N-	1116-54-7			3.57E-01					
nitrosodiethylamine;N-	55-18-5			6.67E-03					
nitrosodimethylamine;N-	62-75-9		6.40E-01	1.96E-02					
nitroso-di-n-butylamine;N-	924-16-3			1.85E-01					
nitroso-di-n-propylamine;N-	621-64-7			1.43E-01	5.60E-05		3.88E-06	1.25E-02	C
nitrosodiphenylamine;N-	86-30-6			2.04E+02	5.32E-01		2.82E-02	1.79E+01	C
nitrosomethylvinylamine,n-	4549-40-0								
nitroso-n-ethylurea;n-	759-73-9			3.70E-02					
nitroso-N-methylethylamine;N-	10595-95-6			4.55E-02					
nitroso-n-methylurea,n-	684-93-5			8.33E-03					
nitrosopyrrolidine;N-	930-55-2			4.76E-01					
nitrotoluene, m-	99-08-1		8.00E+00						
nitrotoluene, o-	88-72-2		7.20E+01	4.55E+00					
nitrotoluene, p-	99-99-0		3.20E+02	6.25E+01					
nitrotoluenes;o-,m-,p-	1321-12-6								
norflurazon	27314-13-2		3.20E+03						
nustar	85509-19-9		5.60E+01						
octabromodiphenyl ether	32536-52-0		2.40E+02						
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0		4.00E+03						
octamethylpyrophosphoramidate	152-16-9		1.60E+02						
oryzalin	19044-88-3		4.00E+03						
oxadiazon	19666-30-9		4.00E+02						
oxamyl	23135-22-0		2.00E+03						
oxyfluorfen	42874-03-3		2.40E+02						
paclobutrazol	76738-62-0		1.04E+03						
pah	unavailable05								
paraquat	4685-14-7								
parathion	56-38-2		4.80E+02						
pebulate	1114-71-2		4.00E+03						
pendimethalin	40487-42-1		3.20E+03						

Chemical Name	CAS #	Soil	Soil	Soil	Soil	Soil	Soil	Ground Water	Ground Water
		Method A Unrestricted Land Use (mg/kg)	Method B Noncancer Direct Contact (mg/kg)	Method B Cancer Direct Contact (mg/kg)	Protective of Groundwater Vadose @ 25 degrees C see guidance (mg/kg)	Protective of Groundwater Vadose @ 13 degrees C see guidance (mg/kg)	Protective of Groundwater Saturated see guidance (mg/kg)	Target Cleanup Level see guidance (µg/L)	Target Criterion see guidance
** = pH-dependent ionizing organic, see guidance									
pentabromo-6-chloro-cyclohexane;1,2,3,4,5-	87-84-3			4.35E+01					
pentabromodiphenyl ether; 2,2',4,4',5-	60348-60-9		8.00E+00						
pentabromodiphenyl ethers	32534-81-9		1.60E+02						
pentachlorobenzene	608-93-5		6.40E+01						
pentachloronitrobenzene	82-68-8		2.40E+02	3.85E+00					
pentachlorophenol **	87-86-5		4.00E+02	2.50E+00	1.58E-02		8.79E-04	1.00E+00	MCL
perchlorate and perchlorate salts	7601-90-3		5.60E+01						
permethrin	52645-53-1		4.00E+03						
perthane	72-56-0								
pH	unavailable19								
phenanthrene	85-01-8								
phenmedipham	13684-63-4		2.00E+04						
phenol	108-95-2		2.40E+04		1.10E+01		7.57E-01	2.40E+03	N
phenylenediamine, p-	106-50-3		1.52E+04						
phenylenediamine;m-	108-45-2		4.80E+02						
phenylenediamine;o-	95-54-5			2.13E+01					
phenylmercuric acetate	62-38-4		6.40E+00						
phenylphenol;2-	90-43-7			5.26E+02					
phorate	298-02-2		1.60E+01						
phosmet	732-11-6		1.60E+03						
phosphine	7803-51-2		2.40E+01						
phosphoric acid	7664-38-2		3.92E+06						
phosphorus	7723-14-0		1.60E+00						
phthalic acid;p-	100-21-0		8.00E+04						
phthalic anhydride	85-44-9		1.60E+05						
picloram	1918-02-1		5.60E+03						
pirimiphos-methyl	29232-93-7		8.00E+02						
polybrominated biphenyls	67774-32-7		5.60E-01	3.33E-02					
polychlorinated biphenyls (PCBs)	1336-36-3	1.00E+00		5.00E-01					
potassium cyanide	151-50-8		1.60E+02						
potassium perchlorate	7778-74-7		5.60E+01						
potassium silver cyanide	506-61-6		4.00E+02						
prochloraz (not in HSDB)	67747-09-5		7.20E+02	6.67E+00					
profluralin	26399-36-0		4.80E+02						
prometon	1610-18-0		1.20E+03						
prometryn	7287-19-6		3.20E+02						
pronamide	23950-58-5		6.00E+03						
propachlor	1918-16-7		1.04E+03						
propanil	709-98-8		4.00E+02						

Chemical Name	CAS #	Soil	Soil	Soil	Soil	Soil	Soil	Ground Water	Ground Water
		Method A Unrestricted Land Use (mg/kg)	Method B Noncancer Direct Contact (mg/kg)	Method B Cancer Direct Contact (mg/kg)	Protective of Groundwater Vadose @ 25 degrees C see guidance (mg/kg)	Protective of Groundwater Vadose @ 13 degrees C see guidance (mg/kg)	Protective of Groundwater Saturated see guidance (mg/kg)	Target Cleanup Level see guidance (µg/L)	Target Criterion see guidance
** = pH-dependent ionizing organic, see guidance									
propargite	2312-35-8		1.60E+03						
propargyl alcohol	107-19-7		1.60E+02						
propazine	139-40-2		1.60E+03						
propham	122-42-9		1.60E+03						
propiconazole	60207-90-1		1.04E+03						
propionic acid;(2-methyl-4-chlorophenoxy)2-	93-65-2		8.00E+01						
propylbenzene;n-	103-65-1		8.00E+03						
propylene glycol	57-55-6		1.60E+06						
propylene glycol dinitrate;1,2-	6423-43-4								
propylene glycol monoethyl ether	52125-53-8		5.60E+04						
propylene glycol monomethyl ether	107-98-2		5.60E+04						
propylene oxide	75-56-9			4.17E+00					
pursuit	81335-77-5		2.00E+04						
pydrin	51630-58-1		2.00E+03						
pyrene	129-00-0		2.40E+03		6.55E+02	6.55E+02	3.28E+01	4.80E+02	N
pyridine	110-86-1		8.00E+01						
quinalphos	13593-03-8		4.00E+01						
quinoline	91-22-5			3.33E-01					
radium 226	unavailable24								
radium 226 and 228	unavailable23								
rdx	121-82-4		2.40E+02	9.09E+00					
refractory ceramic fibers	unavailable07								
resmethrin	10453-86-8		2.40E+03						
ronnel	299-84-3		4.00E+03						
rotenone	83-79-4		3.20E+02						
s,s;-Tributylphosphorotrithioate	78-48-8		2.40E+00						
savey	78587-05-0		2.00E+03						
sec-butylbenzene	135-98-8		8.00E+03						
selenious acid	7783-00-8		4.00E+02						
selenium and compounds	7782-49-2		4.00E+02		5.20E+00	5.20E+00	2.64E-01	5.00E+01	MCL
selenourea	630-10-4								
sethoxydim	74051-80-2		7.20E+03						
silver	7440-22-4		4.00E+02		1.36E+01	1.36E+01	6.87E-01	8.00E+01	N
silver cyanide	506-64-9		8.00E+03						
simazine	122-34-9		4.00E+02	8.33E+00					
sodium azide	26628-22-8		3.20E+02						
sodium cyanide	143-33-9		8.00E+01						
sodium diethyldithiocarbamate	148-18-5		2.40E+03	3.70E+00					
sodium fluoroacetate	62-74-8		1.60E+00						

Chemical Name	CAS #	Soil	Soil	Soil	Soil	Soil	Soil	Ground Water	Ground Water
		Method A Unrestricted Land Use (mg/kg)	Method B Noncancer Direct Contact (mg/kg)	Method B Cancer Direct Contact (mg/kg)	Protective of Groundwater Vadose @ 25 degrees C see guidance (mg/kg)	Protective of Groundwater Vadose @ 13 degrees C see guidance (mg/kg)	Protective of Groundwater Saturated see guidance (mg/kg)	Target Cleanup Level see guidance (µg/L)	Target Criterion see guidance
** = pH-dependent ionizing organic, see guidance									
sodium metavanadate	13718-26-8		8.00E+01						
sodium perchlorate	7601-89-0		5.60E+01						
strontium	7440-24-6		4.80E+04						
strychnine	57-24-9		2.40E+01						
styrene	100-42-5		1.60E+04		2.24E+00	2.23E+00	1.20E-01	1.00E+02	MCL
sulfate	unavailable17								
systhane	88671-89-0		2.00E+03						
tcdd;2,3,7,8- (Low organic) (dioxin)	1746-01-6		9.30E-05	1.28E-05					
tebuthiuron	34014-18-1		5.60E+03						
temephos	3383-96-8		1.60E+03						
terbacil	5902-51-2		1.04E+03						
terbufos	13071-79-9		2.00E+00						
terbutryn	886-50-0		8.00E+01						
tert-butylbenzene	98-06-6		8.00E+03						
tetrabromodiphenyl ether 2,2',4,4'	5436-43-1		8.00E+00						
tetrachlorobenzene;1,2,4,5-	95-94-3		2.40E+01						
tetrachloroethane;1,1,1,2-	630-20-6		2.40E+03	3.85E+01					
tetrachloroethane;1,1,2,2-	79-34-5		1.60E+03	5.00E+00	1.23E-03	1.22E-03	8.00E-05	2.19E-01	C
tetrachloroethylene (PCE)	127-18-4	5.00E-02	4.80E+02	4.76E+02	5.30E-02	4.99E-02	2.76E-03	5.00E+00	MCL
tetrachlorophenol;2,3,4,6-	58-90-2		2.40E+03						
tetrachlorotoluene;p,a,a,a,-	5216-25-1			5.00E-02					
tetrachlorvinphos	961-11-5		2.40E+03	4.17E+01					
tetraethyl dithiopyrophosphate	3689-24-5		4.00E+01						
tetraethyl lead	78-00-2		8.00E-03						
tetrafluoroethane;1,1,1,2-	811-97-2								
thallic oxide	1314-32-5								
thallium acetate	563-68-8		4.80E-01						
thallium carbonate	6533-73-9		1.60E+00						
thallium chloride	7791-12-0		4.80E-01						
thallium nitrate	10102-45-1		5.60E-01						
thallium selenite	12039-52-0								
thallium(I) sulfate	7446-18-6		1.60E+00						
thallium, soluble salts	7440-28-0		8.00E-01		2.28E-01	2.28E-01	1.14E-02	1.60E-01	MCL N ADJ
thiobencarb	28249-77-6		8.00E+02						
thiocyanomethylthiobenzothiazole;2-	21564-17-0		2.40E+03						
thiofanox	39196-18-4		2.40E+01						
thiophanate-methyl	23564-05-8		6.40E+03						
thiram	137-26-8		4.00E+02						
tin	7440-31-5		4.80E+04						

Chemical Name	CAS #	Soil	Soil	Soil	Soil	Soil	Soil	Ground Water	Ground Water
		Method A Unrestricted Land Use	Method B Noncancer Direct Contact	Method B Cancer Direct Contact	Protective of Groundwater Vadose @ 25 degrees C see guidance	Protective of Groundwater Vadose @ 13 degrees C see guidance	Protective of Groundwater Saturated see guidance	Target Cleanup Level see guidance	Target Criterion see guidance
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(µg/L)	
tnt	118-96-7		4.00E+01	3.33E+01					
toluene	108-88-3	7.00E+00	6.40E+03		4.65E+00	4.52E+00	2.73E-01	6.40E+02	MCL N ADJ
toluene diisocyanate mixture;2,4-/2,6-	26471-62-5								
toluenediamine;2,4-	95-80-7								
toluenediamine;2,5-	95-70-5		1.60E+01	5.56E+00					
toluenediamine;2,6-	823-40-5								
toluidine;p-	106-49-0		3.20E+02	3.33E+01					
total dissolved solids	unavailable18								
toxaphene	8001-35-2			9.09E-01	1.53E+00		7.64E-02	7.95E-01	MCL C ADJ
tp;2,4,5-	93-72-1		6.40E+02						
tph, diesel range organics	unavailable09	2.00E+03							
tph, heavy oils	unavailable10	2.00E+03							
tph, mineral oil	unavailable11	4.00E+03							
tph: gasoline range organics, benzene present*	unavailable25	3.00E+01							
tph: gasoline range organics, no detectable benzene*	unavailable08	1.00E+02							
tralomethrin	66841-25-6		6.00E+02						
triallate	2303-17-5		1.04E+03						
triasulfuron	82097-50-5		8.00E+02						
tribromobenzene;1,2,4-	615-54-3		4.00E+02						
tributyltin oxide	56-35-9		2.40E+01						
trichloro-1,2,2-trifluoroethane;1,1,2-	76-13-1		2.40E+06						
trichloroaniline hydrochloride;2,4,6-	33663-50-2			3.45E+01					
trichloroaniline;2,4,6-	634-93-5		2.40E+00	1.43E+02					
trichlorobenzene;1,2,4-	120-82-1		8.00E+02	3.45E+01	5.63E-01	5.62E-01	2.94E-02	1.51E+01	MCL C ADJ
trichloroethane;1,1,1-	71-55-6	2.00E+00	1.60E+05		1.58E+00	1.49E+00	8.43E-02	2.00E+02	MCL
trichloroethane;1,1,2-	79-00-5		3.20E+02	1.75E+01	2.78E-02	2.77E-02	1.81E-03	5.00E+00	MCL
trichloroethylene (TCE)	79-01-6	3.00E-02	4.00E+01	1.20E+01	2.64E-02	2.52E-02	1.52E-03	4.00E+00	MCL N ADJ
trichlorofluoromethane	75-69-4		2.40E+04						
trichlorophenol;2,4,5- **	95-95-4		8.00E+03		2.88E+01		1.51E+00	8.00E+02	N
trichlorophenol;2,4,6- **	88-06-2		8.00E+01	9.09E+01	4.62E-02		2.66E-03	3.98E+00	C
trichlorophenoxyacetic acid;2,4,5-	93-76-5		8.00E+02						
trichloropropane;1,1,2-	598-77-6		4.00E+02						
trichloropropane;1,2,3-	96-18-4		3.20E+02	3.33E-02					
trichloropropene;1,2,3-	96-19-5		2.40E+02						
tridiphane	58138-08-2		2.40E+02						
triethylamine	121-44-8								
trifluralin	1582-09-8		6.00E+02	1.30E+02					
trihalomethanes, total (TTHMs)	unavailable13								
trimethyl phosphate	512-56-1		8.00E+02	5.00E+01					

** = pH-dependent ionizing organic, [see guidance](#)

Chemical Name	CAS #	Soil	Soil	Soil	Soil	Soil	Soil	Ground Water	Ground Water
		Method A Unrestricted Land Use (mg/kg)	Method B Noncancer Direct Contact (mg/kg)	Method B Cancer Direct Contact (mg/kg)	Protective of Groundwater Vadose @ 25 degrees C see guidance (mg/kg)	Protective of Groundwater Vadose @ 13 degrees C see guidance (mg/kg)	Protective of Groundwater Saturated see guidance (mg/kg)	Target Cleanup Level see guidance (µg/L)	Target Criterion see guidance
** = pH-dependent ionizing organic, see guidance									
trimethylbenzene;1,2,4-	95-63-6								
trimethylbenzene;1,3,5-	108-67-8		8.00E+02						
trinitrobenzene;1,3,5-	99-35-4		2.40E+03						
trinitrophenylmethylnitramine	479-45-8		1.60E+02						
uranium, soluble salts	unavailable12		2.40E+02						
vanadium	7440-62-2		4.00E+02		1.60E+03	1.60E+03	8.00E+01	8.00E+01	N
vanadium pentoxide	1314-62-1		7.20E+02						
vanadyl sulfate	27774-13-6								
vernam	1929-77-7		8.00E+01						
vinclozolin	50471-44-8		2.00E+03						
vinyl acetate	108-05-4		8.00E+04		3.31E+01	3.30E+01	2.34E+00	8.00E+03	N
vinyl chloride	75-01-4		2.40E+02	Guidance	1.83E-03	1.67E-03	8.85E-05	2.90E-01	MCL C ADJ
warfarin	81-81-2		2.40E+01						
white mineral oil	8012-95-1		2.40E+05						
xylene;m-	108-38-3		1.60E+04		1.35E+01	1.31E+01	7.72E-01	1.60E+03	N
xylene;o-	95-47-6		1.60E+04		1.47E+01	1.44E+01	8.44E-01	1.60E+03	N
xylene;p-	106-42-3		1.60E+04		1.72E+01	1.68E+01	9.56E-01	1.60E+03	N
xylenes	1330-20-7	9.00E+00	1.60E+04		1.46E+01		8.31E-01	1.60E+03	MCL N ADJ
zinc	7440-66-6		2.40E+04		5.97E+03	5.97E+03	2.99E+02	4.80E+03	N
zinc cyanide	557-21-1		4.00E+03						
zinc phosphide	1314-84-7		2.40E+01						
zineb	12122-67-7		4.00E+03						

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
apollo	1.30E-02	I						
aramite	5.00E-02	H	2.50E-02	I				
aroclor 1016	7.00E-05	I	7.00E-02	S				
aroclor 1254	2.00E-05	I	2.00E+00	S				
aroclor 1260			2.00E+00	S				
arsenic, inorganic	3.00E-04	I	1.50E+00	I	2.90E+01		0.00E+00	0.00E+00
arsine	3.50E-06	C						
assure	9.00E-03	I						
asulam	5.00E-02	I						
atrazine	3.50E-02	I	2.30E-01	C				
ivermectin B1	4.00E-04	I						
azobenzene			1.10E-01	I				
barium and compounds	2.00E-01	I			4.10E+01		0.00E+00	0.00E+00
barium cyanide								
baygon	4.00E-03	I						
bayleton	3.00E-02	I						
baythroid	2.50E-02	I						
benefin	3.00E-01	I						
benomyl	5.00E-02	I						
bentazon	3.00E-02	I						
benzaldehyde	1.00E-01	I						
benzene	4.00E-03	I	5.50E-02	I		6.20E+01	2.28E-01	1.33E-01
benzenethiol	1.00E-03	P						
benzidine	3.00E-03	I	2.30E+02	I				
benzo(g,h,i)perylene								
benzo[a]anthracene			7.30E-01	E		3.58E+05	1.37E-04	
benzo[a]pyrene			7.30E+00	I		9.69E+05	4.63E-05	
benzo[b]fluoranthene			7.30E-01	E		1.23E+06	4.55E-03	7.73E-04
benzo[k]fluoranthene			7.30E-02	E		1.23E+06	3.40E-05	
benzoic acid **	4.00E+00	I				6.00E-01	6.31E-05	
benzotrichloride			1.30E+01	I				
benzyl alcohol	1.00E-01	P						
benzyl chloride	2.00E-03	P	1.70E-01	I				
beryllium	2.00E-03	I			7.90E+02		0.00E+00	0.00E+00
beta-chloronaphthalene	8.00E-02	I						
bidrin	1.00E-04	I						
biphenthrin	1.50E-02	I						
biphenyl;1,1-	5.00E-01	I	8.00E-03	I				
bis(2-chloro-1-methyl-ethyl)ether	4.00E-02	I	7.00E-02	H				

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
bis(2-chloroethyl)ether			1.10E+00	I		7.60E+01	7.38E-04	2.93E-04
bis(2-chloroisopropyl) ether								
bis(2-ethylhexyl) phthalate	2.00E-02	I	1.40E-02	I		1.11E+05	4.18E-06	
bis(chloromethyl)ether			2.20E+02	I				
bisphenol a	5.00E-02	I						
boron	2.00E-01	I						
bromate	4.00E-03	I	7.00E-01	I				
bromodichloromethane	2.00E-02	I	6.20E-02	I		5.50E+01	6.56E-02	3.69E-02
bromoethene								
bromoform	2.00E-02	I	7.90E-03	I		1.26E+02	2.19E-02	1.16E-02
bromomethane	1.40E-03	I				9.00E+00	2.56E-01	1.78E-01
bromophos	5.00E-03	H						
bromoxynil	2.00E-02	I						
bromoxynil octanoate	2.00E-02	I						
butadiene;1,3-			3.40E+00	C				
butanol;n-	1.00E-01	I				6.92E+00	3.61E-04	
butyl benzyl phthalate	2.00E-01	I	1.90E-03	P		1.37E+04	5.17E-05	
butylate	5.00E-02	I						
butylphthalyl butylglycolate	1.00E+00	I						
butyric acid;4-(2-methyl-4-chlorophenoxy)-	1.00E-02	I						
cacodylic acid	2.00E-02	A						
cadmium (soil and nonpotable surface water)	1.00E-03	I						
cadmium (potable groundwater and surface water)	5.00E-04	I			6.70E+00		0.00E+00	0.00E+00
calcium cyanide	1.00E-03	I						
caprolactam	5.00E-01	I						
captafol	2.00E-03	I	1.50E-01	C				
captan	1.30E-01	I	2.30E-03	C				
carbaryl	1.00E-01	I						
carbazole								
carbofuran	5.00E-03	I						
carbon disulfide	1.00E-01	I				4.57E+01	1.24E+00	8.03E-01
carbon tetrachloride	4.00E-03	I	7.00E-02	I		1.52E+02	1.25E+00	7.42E-01
carbophenothion								
carbosulfan	1.00E-02	I						
carboxin	1.00E-01	I						
chloral								
chloral hydrate	1.00E-01	I						
chloramben	1.50E-02	I						
chloranil			4.00E-01	H				

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
chlordane	5.00E-04	I	3.50E-01	I		5.13E+04	1.99E-03	5.15E-04
chloride								
chlorimuron-ethyl	2.00E-02	I						
chlorine	1.00E-01	I						
chlorine cyanide	5.00E-02	I						
chlorine dioxide	3.00E-02	I						
chlorite	3.00E-02	I						
chloro-1,1-difluoroethane;1-								
chloro-1,3-butadiene;2-	2.00E-02	H						
chloro-2-methylaniline hydrochloride;4-			4.60E-01	H				
chloro-2-methylaniline;4-	3.00E-03	X	1.00E-01	P				
chloroacetic acid	2.00E-03	H						
chloroacetophenone;2-								
chloroaniline;p-	4.00E-03	I	2.00E-01	P		6.61E+01	1.36E-05	
chlorobenzene	2.00E-02	I				2.24E+02	1.52E-01	7.87E-02
chlorobenzilate	2.00E-02	I	1.10E-01	C				
chlorobenzoic acid;p-	3.00E-02	X						
chlorobenzotrifluoride;4-	3.00E-03	P						
chlorobutane;1-	4.00E-02	P						
chlorodifluoromethane								
chloroform	1.00E-02	I	3.10E-02	C		5.30E+01	1.50E-01	9.15E-02
chloromethane								
chloromethyl methyl ether			2.40E+00	C				
chloronitrobenzene;o-	3.00E-03	P	3.00E-01	P				
chloronitrobenzene;p-	1.00E-03	P	6.30E-03	P				
chlorophenol;2- **	5.00E-03	I				3.88E+02	1.60E-02	7.25E-03
chlorophenyl methyl sulfide;p-								
chlorophenyl methyl sulfone;p-								
chlorophenyl methyl sulfoxide;p-								
chloropropane;2-								
chlorothalonil	1.50E-02	I	3.10E-03	C				
chlorotoluene;o-	2.00E-02	I						
chlorpropham	2.00E-01	I						
chlorpyrifos	1.00E-03	A						
chlorpyrifos-methyl	1.00E-02	H						
chlorsulfuron	5.00E-02	I						
chlorthiophos	8.00E-04	H						
chromium (total)								
chromium(III)	1.50E+00	I			1.00E+03		0.00E+00	0.00E+00

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
chromium(VI)	3.00E-03	I			1.90E+01		0.00E+00	0.00E+00
chrysene			7.30E-03	E		3.98E+05	3.88E-03	7.13E-04
coke oven emissions								
coal tar creosote								
copper	4.00E-02	H			2.20E+01		0.00E+00	0.00E+00
copper cyanide	5.00E-03	I						
cresol;m-	5.00E-02	I						
cresol;o-	5.00E-02	I				9.12E+01	4.92E-05	
cresol;p-	1.00E-01	A						
crotonaldehyde	1.00E-03	P	1.90E+00	H				
cumene	1.00E-01	I						
cyanazine	2.00E-03	H	8.40E-01	H				
cyanide	6.00E-04	I						
cyanogen	1.00E-03	I						
cyanogen bromide	9.00E-02	I						
cyclohexane								
cyclohexanone	5.00E+00	I						
cyclohexylamine	2.00E-01	I						
cyclopentadiene								
cyhalothrin/karate	5.00E-03	I						
cypermethrin	1.00E-02	I						
cyromazine	7.50E-03	I						
dacthal	1.00E-02	I						
dalapon, sodium salt	3.00E-02	I						
danitol	2.50E-02	I						
db;2,4-	8.00E-03	I						
ddd			2.40E-01	I		4.58E+04	1.64E-04	
dde			3.40E-01	I		8.64E+04	8.61E-04	1.87E-04
ddt	5.00E-04	I	3.40E-01	I		6.78E+05	3.32E-04	
decabromodiphenyl ether	7.00E-03	I	7.00E-04	I				
demeton	4.00E-05	I						
di(2-ethylhexyl)adipate	6.00E-01	I	1.20E-03	I				
diallate			6.10E-02	H				
diazinon	7.00E-04	A						
dibenzo[a,h]anthracene			7.30E+00	E		1.79E+06	6.03E-07	
dibenzofuran	1.00E-03	X						
dibromo-3-chloropropane;1,2-	2.00E-04	P	8.00E-01	P				
dibromobenzene;1,4-	1.00E-02	I						
dibromochloromethane	2.00E-02	I	8.40E-02	I		6.31E+01	3.21E-02	2.06E-02

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
dimethyl terephthalate	1.00E-01	I						
dimethylamine								
dimethylaniline hydrochloride;2,4-			5.80E-01	H				
dimethylaniline;2,4-	2.00E-03	X	2.00E-01	P				
dimethylaniline;N,N-	2.00E-03	I						
dimethylbenzidine;3,3'-			1.10E+01	P				
dimethylformamide;N,N-	1.00E-01	P						
dimethylhydrazine;1,1-	1.00E-04	X						
dimethylhydrazine;1,2-			5.50E+02	C				
dimethylphenol;2,4-	2.00E-02	I				2.09E+02	8.20E-05	
dimethylphenol;2,6-	6.00E-04	I						
dimethylphenol;3,4-	1.00E-03	I						
dinitrobenzene;m-	1.00E-04	I						
dinitrobenzene;o-	1.00E-04	P						
dinitrobenzene;p-	1.00E-04	P						
dinitro-o-cyclohexyl phenol;4,6-	2.00E-03	I						
dinitrophenol;2,4- **	2.00E-03	I				1.00E-02	1.82E-05	
dinitrotoluene mixture; 2,4-/2,6-	9.00E-04	X	4.50E-01	X				
dinitrotoluene;2,4-	2.00E-03	I	3.10E-01	C		9.55E+01	3.80E-06	
dinitrotoluene;2,6-	3.00E-04	X	1.50E+00	P		6.92E+01	3.06E-05	
di-n-octyl phthalate	1.00E-02	P				8.32E+07	2.74E-03	
dinoseb	1.00E-03	I						
dioxane;1,4-	3.00E-02	I	1.00E-01	I				
diphenamid	3.00E-02	I						
diphenylamine	2.50E-02	I						
diphenylhydrazine;1,2-			8.00E-01	I				
diquat	2.20E-03	I						
direct black 38			7.10E+00	C				
direct blue 6			7.40E+00	C				
direct brown 95			6.70E+00	C				
direct sky blue								
disulfoton	4.00E-05	I						
dithiane;1,4-	1.00E-02	I						
diuron	2.00E-03	I						
dodine	4.00E-03	I						
endosulfan	6.00E-03	I				2.04E+03	4.59E-04	1.14E-04
endothall	2.00E-02	I						
endrin	3.00E-04	I				1.08E+04	3.08E-04	
epichlorohydrin	6.00E-03	P	9.90E-03	I				

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
epoxybutane								
ethephon	5.00E-03	I						
ethion	5.00E-04	I						
ethoxyethanol acetate;2-	1.00E-01	P						
ethoxyethanol;2-	9.00E-02	P						
ethyl acetate	9.00E-01	I						
ethyl acrylate	5.00E-03	P	4.80E-02	H				
ethyl chloride								
ethyl dipropylthiocarbamate;S-	2.50E-02	I						
ethyl ether	2.00E-01	I						
ethyl methacrylate	9.00E-02	H						
ethyl p-nitrophenyl phenylphosphorothioate	1.00E-05	I						
ethylbenzene	1.00E-01	I				2.04E+02	3.23E-01	
ethylene cyanohydrin	7.00E-02	P						
ethylene diamine	9.00E-02	P						
ethylene dibromide (EDB)	9.00E-03	I	2.00E+00	I				
ethylene glycol	2.00E+00	I						
ethylene glycol monobutyl ether (EGBE)	1.00E-01	I						
ethylene oxide			3.10E-01	C				
ethylene thiourea	8.00E-05	I	4.50E-02	C				
ethylphthalyl ethylglycolate	3.00E+00	I						
express	8.00E-03	I						
fenamiphos	2.50E-04	I						
fensulfothion								
fluometuron	1.30E-02	I						
fluoranthene	4.00E-02	I				4.91E+04	6.60E-04	
fluorene	4.00E-02	I				7.71E+03	2.61E-03	8.58E-04
fluoride	4.00E-02	C						
fluorine, soluble fluoride	6.00E-02	I						
fluridone	8.00E-02	I						
flurprimidol	2.00E-02	I						
flutolanil	6.00E-02	I						
fluvalinate	1.00E-02	I						
folpet	1.00E-01	I	3.50E-03	I				
fomesafen			1.90E-01	I				
fonfos	2.00E-03	I						
formaldehyde	2.00E-01	I						
formic acid	9.00E-01	P						
fosetyl-al	3.00E+00	I						

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
furan	1.00E-03	I						
furazolidone			3.80E+00	H				
furfural	3.00E-03	I						
furium			1.50E+00	C				
furmecyclox			3.00E-02	I				
glufosinate-ammonium	4.00E-04	I						
glycidaldehyde	4.00E-04	I						
glyphosate	1.00E-01	I						
gross alpha particle activity								
gross beta particle activity								
haloxyfop-methyl	5.00E-05	I						
harmony	1.30E-02	I						
heptachlor	5.00E-04	I	4.50E+00	I		9.53E+03	4.47E-02	
heptachlor epoxide	1.30E-05	I	9.10E+00	I		8.32E+04	3.90E-04	
heptane;n-								
hexabromobenzene	2.00E-03	I						
hexabromodiphenyl ether; 2,2',4,4',5,5'-	2.00E-04	I						
hexachlorobenzene	8.00E-04	I	1.60E+00	I		8.00E+04	5.41E-02	1.36E-02
hexachlorobutadiene	1.00E-03	P	7.80E-02	I		5.37E+04	3.34E-01	1.41E-01
hexachlorocyclohexane;alpha	8.00E-03	A	6.30E+00	I		1.76E+03	4.35E-04	1.02E-04
hexachlorocyclohexane;beta-			1.80E+00	I		2.14E+03	3.05E-05	
hexachlorocyclohexane;delta-								
hexachlorocyclohexane;technical			1.80E+00	I				
hexachlorocyclopentadiene	6.00E-03	I				2.00E+05	1.11E+00	4.18E-01
hexachlorodibenzo-p-dioxin, mixture			6.20E+03	I				
hexachloroethane	7.00E-04	I	4.00E-02	I		1.78E+03	1.59E-01	7.24E-02
hexachlorophene	3.00E-04	I						
hexamethylene diisocyanate;1,6-								
hexane;n-	6.00E-02	H				3.41E+03	7.40E+01	4.11E+01
hexazinone	3.30E-02	I						
hydrazine			3.00E+00	I				
hydrazine sulfate			3.00E+00	I				
hydrogen chloride								
hydrogen cyanide	6.00E-04	I						
hydrogen sulfide								
hydroquinone	4.00E-02	P	6.00E-02	P				
imazalil	1.30E-02	I						
imazaquin	2.50E-01	I						
indeno[1,2,3-cd]pyrene			7.30E-01	E		3.47E+06	6.56E-05	

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral Reference Dose	u	Oral Cancer Potency Factor	u	(Distribution Factor for metals)	(Soil Organic Carbon-Water Partitioning Coefficient)	(Henry's Law Constant @ 25 degrees C)	(Henry's Law Constant @ 13 degrees C)
	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
iprodione	4.00E-02	I						
iron	7.00E-01	P						
isobutyl alcohol	3.00E-01	I						
isophorone	2.00E-01	I	9.50E-04	I		4.68E+01	2.72E-04	
isopropalin	1.50E-02	I						
isopropyl methyl phosphonic acid	1.00E-01	I						
isoxaben (not in HSDB)	5.00E-02	I						
lactofen	2.00E-03	I						
lead					1.00E+04		0.00E+00	0.00E+00
lead alkyls								
lindane	3.00E-04	I	1.10E+00	C		1.35E+03	5.74E-04	1.34E-04
linuron	2.00E-03	I						
lithium perchlorate	7.00E-04	I						
londax	2.00E-01	I						
malathion	2.00E-02	I						
maleic anhydride	1.00E-01	I						
maleic hydrazide	5.00E-01	I						
malononitrile	1.00E-04	P						
mancozeb	3.00E-02	H						
maneb	5.00E-03	I						
manganese	1.40E-01	I						
mephosfolan	9.00E-05	H						
mepiquat chloride	3.00E-02	I						
mercuric chloride	3.00E-04	I						
mercury					5.20E+01		4.70E-01	4.70E-01
merphos	3.00E-05	I						
metalaxyl	6.00E-02	I						
methacrylonitrile	1.00E-04	I						
methamidosphos	5.00E-05	I						
methanol	2.00E+00	I						
methidathion	1.00E-03	I						
methomyl	2.50E-02	I						
methoxy-5-nitroaniline;2-			4.90E-02	C				
methoxychlor	5.00E-03	I				8.00E+04	6.48E-04	1.18E-04
methoxyethanol acetate;2-	8.00E-03	P						
methoxyethanol;2-	5.00E-03	P						
methyl acetate	1.00E+00	X						
methyl acrylate	3.00E-02	H						
methyl ethyl ketone	6.00E-01	I						

** = pH-dependent ionizing organic, [see guidance](#)

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
methyl isobutyl ketone	8.00E-02	H						
methyl mercury	1.00E-04	I						
methyl methacrylate	1.40E+00	I						
methyl naphthalene;1-	7.00E-02	A	2.90E-02	P				
methyl naphthalene;2-	4.00E-03	I						
methyl parathion	2.50E-04	I						
methyl styrene	6.00E-03	H						
methyl styrene, alpha	7.00E-02	H						
methyl tert-butyl ether			1.80E-03	C		1.09E+01	1.80E-02	1.59E-02
methyl-4-chlorophenoxy-acetic acid;2-	5.00E-04	I						
methyl-5-nitroaniline;2-	2.00E-02	X	9.00E-03	P				
methylaniline hydrochloride;2-			1.30E-01	C				
methylaniline;2-								
methylcyclohexane								
methylene bis(2-chloroaniline);4,4'-	2.00E-03	P	1.00E-01	P				
methylene bis(n,n'-dimethyl)aniline;4,4'-			4.60E-02	I				
methylene bromide	1.00E-02	H						
methylene chloride	6.00E-03	I	2.00E-03	I		1.00E+01	8.98E-02	5.67E-02
methylene diphenyl diisocyanate (MDI)								
methylene diphenyl diisocyanate (PMDI)								
methylenebisbenzenamine;4,4-			1.60E+00	C				
methylhydrazine	1.00E-03	P						
metolachlor	1.50E-01	I						
metribuzin	2.50E-02	I						
mevinphos								
mirex	2.00E-04	I	1.80E+01	C				
molinate	2.00E-03	I						
molybdenum	5.00E-03	I						
monochloramine	1.00E-01	I						
monochlorobutanes (not in HSDB)								
naled	2.00E-03	I						
naphthalene	2.00E-02	I				1.19E+03	1.98E-02	8.24E-03
napropamide	1.00E-01	I						
n-butylbenzene	5.00E-02	P						
niagara blue 4B								
nickel refinery dust	1.10E-02	C						
nickel soluble salts	2.00E-02	I			6.50E+01		0.00E+00	0.00E+00
nickel subsulfide	1.10E-02	C	1.70E+00	C				
nitrate	1.60E+00	I						

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
nitric oxide								
nitrite	1.00E-01	I						
nitroaniline, 2-	1.00E-02	X						
nitrobenzene	2.00E-03	I				1.19E+02	9.84E-04	3.96E-04
nitrofurantoin	7.00E-02	H						
nitrofurazone			1.30E+00	C				
nitrogen dioxide								
nitroguanidine	1.00E-01	I						
nitropropane;2-								
nitrosodiethanolamine;N-			2.80E+00	I				
nitrosodiethylamine;N-			1.50E+02	I				
nitrosodimethylamine;N-	8.00E-06	P	5.10E+01	I				
nitroso-di-n-butylamine;N-			5.40E+00	I				
nitroso-di-n-propylamine;N-			7.00E+00	I		2.40E+01	9.23E-05	
nitrosodiphenylamine;N-			4.90E-03	I		1.29E+03	2.05E-04	
nitrosomethylvinylamine,n-								
nitroso-n-ethylurea;n-			2.70E+01	C				
nitroso-N-methylethylamine;N-			2.20E+01	I				
nitroso-n-methylurea,n-			1.20E+02	C				
nitrosopyrrolidine;N-			2.10E+00	I				
nitrotoluene, m-	1.00E-04	X						
nitrotoluene, o-	9.00E-04	P	2.20E-01	P				
nitrotoluene, p-	4.00E-03	P	1.60E-02	P				
nitrotoluenes;o-,m-,p-								
norflurazon	4.00E-02	I						
nustar	7.00E-04	I						
octabromodiphenyl ether	3.00E-03	I						
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	5.00E-02	I						
octamethylpyrophosphoramidate	2.00E-03	H						
oryzalin	5.00E-02	I						
oxadiazon	5.00E-03	I						
oxamyl	2.50E-02	I						
oxyfluorfen	3.00E-03	I						
paclobutrazol	1.30E-02	I						
pah								
paraquat								
parathion	6.00E-03	H						
pebulate	5.00E-02	H						
pendimethalin	4.00E-02	I						

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
pentabromo-6-chloro-cyclohexane;1,2,3,4,5-			2.30E-02	H				
pentabromodiphenyl ether; 2,2',4,4',5-	1.00E-04	I						
pentabromodiphenyl ethers	2.00E-03	I						
pentachlorobenzene	8.00E-04	I						
pentachloronitrobenzene	3.00E-03	I	2.60E-01	H				
pentachlorophenol **	5.00E-03	I	4.00E-01	I		5.92E+02	1.00E-06	
perchlorate and perchlorate salts	7.00E-04	I						
permethrin	5.00E-02	I						
perthane								
pH								
phenanthrene								
phenmedipham	2.50E-01	I						
phenol	3.00E-01	I				2.88E+01	1.63E-05	
phenylenediamine, p-	1.90E-01	H						
phenylenediamine;m-	6.00E-03	I						
phenylenediamine;o-			4.70E-02	H				
phenylmercuric acetate	8.00E-05	I						
phenylphenol;2-			1.90E-03	H				
phorate	2.00E-04	H						
phosmet	2.00E-02	I						
phosphine	3.00E-04	I						
phosphoric acid	4.90E+01	P						
phosphorus	2.00E-05	I						
phthalic acid;p-	1.00E+00	H						
phthalic anhydride	2.00E+00	I						
picloram	7.00E-02	I						
pirimiphos-methyl	1.00E-02	I						
polybrominated biphenyls	7.00E-06	H	3.00E+01	C				
polychlorinated biphenyls (PCBs)			2.00E+00	I				
potassium cyanide	2.00E-03	I						
potassium perchlorate	7.00E-04	I						
potassium silver cyanide	5.00E-03	I						
prochloraz (not in HSDB)	9.00E-03	I	1.50E-01	I				
profluralin	6.00E-03	H						
prometon	1.50E-02	I						
prometryn	4.00E-03	I						
pronamide	7.50E-02	I						
propachlor	1.30E-02	I						
propanil	5.00E-03	I						

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral Reference Dose	u	Oral Cancer Potency Factor	u	(Distribution Factor for metals)	(Soil Organic Carbon-Water Partitioning Coefficient)	(Henry's Law Constant @ 25 degrees C)	(Henry's Law Constant @ 13 degrees C)
	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
** = pH-dependent ionizing organic, see guidance								
propargite	2.00E-02	I						
propargyl alcohol	2.00E-03	I						
propazine	2.00E-02	I						
propham	2.00E-02	I						
propiconazole	1.30E-02	I						
propionic acid;(2-methyl-4-chlorophenoxy)2-	1.00E-03	I						
propylbenzene;n-	1.00E-01	X						
propylene glycol	2.00E+01	P						
propylene glycol dinitrate;1,2-								
propylene glycol monoethyl ether	7.00E-01	H						
propylene glycol monomethyl ether	7.00E-01	H						
propylene oxide			2.40E-01	I				
pursuit	2.50E-01	I						
pydrin	2.50E-02	I						
pyrene	3.00E-02	I				6.80E+04	4.51E-04	1.08E-04
pyridine	1.00E-03	I						
quinalphos	5.00E-04	I						
quinoline			3.00E+00	I				
radium 226								
radium 226 and 228								
rdx	3.00E-03	I	1.10E-01	I				
refractory ceramic fibers								
resmethrin	3.00E-02	I						
ronnel	5.00E-02	H						
rotenone	4.00E-03	I						
s,s;-tributylphosphorotrithioate	3.00E-05	I						
savey	2.50E-02	I						
sec-butylbenzene	1.00E-01	X						
selenious acid	5.00E-03	I						
selenium and compounds	5.00E-03	I			5.00E+00		0.00E+00	0.00E+00
selenourea								
sethoxydim	9.00E-02	I						
silver	5.00E-03	I			8.30E+00		0.00E+00	0.00E+00
silver cyanide	1.00E-01	I						
simazine	5.00E-03	I	1.20E-01	H				
sodium azide	4.00E-03	I						
sodium cyanide	1.00E-03	I						
sodium diethyldithiocarbamate	3.00E-02	I	2.70E-01	H				
sodium fluoroacetate	2.00E-05	I						

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
sodium metavanadate	1.00E-03	H						
sodium perchlorate	7.00E-04	I						
strontium	6.00E-01	I						
strychnine	3.00E-04	I						
styrene	2.00E-01	I				9.12E+02	1.13E-01	5.59E-02
sulfate								
systhane	2.50E-02	I						
tcdd;2,3,7,8- (Low organic) (dioxin)	7.00E-10	I	1.30E+05	C				
tebuthiuron	7.00E-02	I						
temephos	2.00E-02	H						
terbacil	1.30E-02	I						
terbufos	2.50E-05	H						
terbutryn	1.00E-03	I						
tert-butylbenzene	1.00E-01	X						
tetrabromodiphenyl ether 2,2',4,4'	1.00E-04	I						
tetrachlorobenzene;1,2,4,5-	3.00E-04	I						
tetrachloroethane;1,1,1,2-	3.00E-02	I	2.60E-02	I				
tetrachloroethane;1,1,2,2-	2.00E-02	I	2.00E-01	I		7.90E+01	1.41E-02	6.96E-03
tetrachloroethylene (PCE)	6.00E-03	I	2.10E-03	I		2.65E+02	7.54E-01	3.98E-01
tetrachlorophenol;2,3,4,6-	3.00E-02	I						
tetrachlorotoluene;p,a,a,a,-			2.00E+01	H				
tetrachlorvinphos	3.00E-02	I	2.40E-02	H				
tetraethyl dithiopyrophosphate	5.00E-04	I						
tetraethyl lead	1.00E-07	I						
tetrafluoroethane;1,1,1,2-								
thallic oxide								
thallium acetate	6.00E-06	X						
thallium carbonate	2.00E-05	X						
thallium chloride	6.00E-06	X						
thallium nitrate	7.00E-06	X						
thallium selenite								
thallium(I) sulfate	2.00E-05	X						
thallium, soluble salts	1.00E-05	X			7.10E+01		0.00E+00	0.00E+00
thiobencarb	1.00E-02	I						
thiocyanomethylthiobenzothiazole;2-	3.00E-02	H						
thiofanox	3.00E-04	H						
thiophanate-methyl	8.00E-02	I						
thiram	5.00E-03	I						
tin	6.00E-01	H						

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
tnt	5.00E-04	I	3.00E-02	I				
toluene	8.00E-02	I				1.40E+02	2.72E-01	1.48E-01
toluene diisocyanate mixture;2,4-/2,6-								
toluenediamine;2,4-								
toluenediamine;2,5-	2.00E-04	X	1.80E-01	X				
toluenediamine;2,6-								
toluidine;p-	4.00E-03	X	3.00E-02	P				
total dissolved solids								
toxaphene			1.10E+00	I		9.58E+04	2.46E-04	
tp;2,4,5-	8.00E-03	I						
tph, diesel range organics								
tph, heavy oils								
tph, mineral oil								
tph: gasoline range organics, benzene present*								
tph: gasoline range organics, no detectable benzene*								
tralomethrin	7.50E-03	I						
triallate	1.30E-02	I						
triasulfuron	1.00E-02	I						
tribromobenzene;1,2,4-	5.00E-03	I						
tributyltin oxide	3.00E-04	I						
trichloro-1,2,2-trifluoroethane;1,1,2-	3.00E+01	I						
trichloroaniline hydrochloride;2,4,6-			2.90E-02	H				
trichloroaniline;2,4,6-	3.00E-05	X	7.00E-03	X				
trichlorobenzene;1,2,4-	1.00E-02	I	2.90E-02	P		1.66E+03	5.82E-02	2.37E-02
trichloroethane;1,1,1-	2.00E+00	I				1.35E+02	7.05E-01	4.19E-01
trichloroethane;1,1,2-	4.00E-03	I	5.70E-02	I		7.50E+01	3.74E-02	1.97E-02
trichloroethylene (TCE)	5.00E-04	I	Guidance	I		9.40E+01	4.22E-01	2.39E-01
trichlorofluoromethane	3.00E-01	I						
trichlorophenol;2,4,5- **	1.00E-01	I				1.60E+03	1.78E-04	
trichlorophenol;2,4,6- **	1.00E-03	P	1.10E-02	I		3.81E+02	3.19E-04	
trichlorophenoxyacetic acid;2,4,5-	1.00E-02	I						
trichloropropane;1,1,2-	5.00E-03	I						
trichloropropane;1,2,3-	4.00E-03	I	3.00E+01	I				
trichloropropene;1,2,3-	3.00E-03	X						
tridiphane	3.00E-03	I						
triethylamine								
trifluralin	7.50E-03	I	7.70E-03	I				
trihalomethanes, total (TTHMs)								
trimethyl phosphate	1.00E-02	P	2.00E-02	P				

Chemical Name	RfDo	S	CPFo	S	Kd	Koc	Hcc	Hcc
	Oral	o	Oral	o	(Distribution	(Soil Organic	(Henry's Law	(Henry's Law
	Reference	u	Cancer	u	Factor for	Carbon-Water	Constant @ 25	Constant @ 13
	Dose	r	Potency	r	metals)	Partitioning	degrees C)	degrees C)
		c	Factor	c		Coefficient)		
** = pH-dependent ionizing organic, see guidance	(mg/kg-day)	e	(kg-day/mg)	e	(L/kg)	(L/kg)	(unitless)	(unitless)
trimethylbenzene;1,2,4-	1.00E-02	X						
trimethylbenzene;1,3,5-	3.00E-02	I						
trinitrobenzene;1,3,5-	2.00E-03	P						
trinitrophenylmethylnitramine	3.00E-03	I						
uranium, soluble salts	5.00E-03	S			1.00E+03		0.00E+00	0.00E+00
vanadium	9.00E-03	I						
vanadium pentoxide								
vanadyl sulfate								
vernam	1.00E-03	I						
vinclozolin	2.50E-02	I						
vinyl acetate	1.00E+00	H				5.25E+00	2.10E-02	1.17E-02
vinyl chloride	3.00E-03	I	Guidance	I		1.86E+01	1.11E+00	8.07E-01
warfarin	3.00E-04	I						
white mineral oil	3.00E+00	P						
xylene;m-	2.00E-01	S				1.96E+02	3.01E-01	1.51E-01
xylene;o-	2.00E-01	S				2.41E+02	2.13E-01	1.06E-01
xylene;p-	2.00E-01	S				3.11E+02	3.14E-01	1.58E-01
xylenes	2.00E-01	I				2.33E+02	2.79E-01	
zinc	3.00E-01	I			6.20E+01		0.00E+00	0.00E+00
zinc cyanide	5.00E-02	I						
zinc phosphide	3.00E-04	I						
zineb	5.00E-02	I						