

PART 10B

APPENDIX B: HAZARDOUS MATERIALS CHARACTERIZATION

Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Acetaldehyde, chloro-/ Chloroacetaldehyde/ 2-chloro-1-ethanal	•	•						•
IHS	Acetaldehyde/ Ethylaldehyde/ Ethanal	•	•		•				
IHS	Acetaldehyde, trichloro-/ Chloral	•	•			•			
AHS	Acetamide, N-(aminothioxomethyl)-/ 1-Acetyl-2-thiourea	•	•		•	•			
EP/CHS	Acetamide, N-(4-ethoxyphenyl)-/ Phenacetin/ Acetophenetidin	•	•		•	•			
IHS	Acetamide, N-9H-fluorene-2-yl-/ 2-Acetylamino fluorene		•						•
AHS	Acetamide, 2-fluoro-/ Fluoroacetamide		•	•					•
IHS	Acetic acid	•	•				•		
IHS	Acetic acid, ethyl ester/ Ethyl acetate	•	•		•				
AHS	Acetic acid, fluoro-, sodium salt/ Sodium fluoroacetate	•	•						•
IHS	Acetic acid, lead salt/ Lead acetate	•	•	•			•	•	
AHS	Acetic acid, thallium (I) salt/ Thallium (I) acetate		•				•	•	
IHS	Acetic anhydride	•	•			•			
AHS	Acetimidic acid, N-((methylcarbamoyl)oxy)thio-, methyl ester/ Methomyl		•						•
IHS	Acetone/ 2-Propanone	•	•		•				
AHS	Acetone cyanohydrin/ 2-Methylactonitrile/ 2-Hydroxy-2-methylpropane nitrile	•	•	•					•
IHS	Acetonitrile/ Methyl cyanide	•	•		•				
AHS	3-(alpha-Acetylbenzyl)-4-hydroxycoumarin and salts/ Warfarin		•						•
IHS	Acetophenone/ Ethanone-1-phenyl-		•	•		•			

Key

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	Acetylene	•							
AHS	Acetyl benzoyl peroxide		•				•		
AHS	Acetyl bromide	•	•			•			
AHS	Acetyl chloride/ Acetic chloride/ Ethanoylechloride	•	•			•			
AHS	Acetyl peroxide	•	•			•			
IHS	Acridine		•		•				
AHS	Acrolein/ 2-Propenal	•	•	•					•
AHS	Acrylamide/ Propenamide		•			•			
IHS	Acrylic acid/ 2-Propenoic acid	•	•				•		
AHS	Acrylonitrile/ 2-Propenenitrile	•	•						•
IHS	Adipic acid		•			•			
AHS	Adiponitrile	•	•		•				
IHS	Alanine, 3-(p-bis(2-chloroethyl)amino)phenyl-,L-/ Melphalan/ Sarcosylsin		•		•				
AHS	Aldicarb/ Temik		•	•					•
AHS	Aldrin	•	•	•					•
AHS	Alkyl aluminum chloride		•					•	
AHS	Alkyl aluminum compounds		•					•	
AHS	Allyl acetate	•	•		•				
AHS	Allyl alcohol/ 2-Propen-1-ol		•	•					•
AHS	Allyl bromide/ 3-Bromopropene	•	•			•			
AHS	Allyl chloride/ 3-Chloropropene	•	•		•				
AHS	Allyl chlorocarbonate/ Allyl chloroformate	•	•			•			
AHS	Allyl cyanide/ vinyl acetoneitrile/ 3-Butenenitrile		•		•				

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Allyl fluoride/ 3-Fluoropropene	•							
AHS	Allylchlorosilane	•	•			•			
IHS	Aluminum (powder)	•	•					•	
AHS	Aluminum borohydride		•					•	
AHS	Aluminum chloride (anhydrous)	•	•					•	
IHS	Aluminum chloride hydrate		•					•	
AHS	Aluminum hydride		•					•	
IHS	Aluminum nitrate		•					•	
AHS	Aluminum phosphide/ Phostoxin		•	•				•	•
EP/CHS	Aminodiphenyl/ p-Xenylamine		•			•			
AHS	2-Aminopyridine	•	•				•		
AHS	4-Aminopyridine/ p-Aminopyridine		•						•
IHS	Ammonia (anhydrous)	•	•		•				
AHS	Ammonium arsenate	•	•	•		•			
IHS	Ammonium bifluoride	•	•			•			
EP/CHS	Ammonium chromate	•	•	•				•	
AHS	Ammonium cyanide	•	•			•			
IHS	Ammonium dichromate	•	•	•		•		•	
AHS	Ammonium fluoride	•	•			•			
IHS	Ammonium hydroxide	•	•		•				
IHS	Ammonium molybdate		•	•				•	
IHS	Ammonium nitrate	•	•	•					•
AHS	Ammonium perchlorate		•			•			
AHS	Ammonium permanganate	•	•			•			

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Ammonium picrate/ Phenol, 2,4,6-trinitro-, ammonium salt		•			•			
AHS	Ammonium sulfide	•	•		•				
AHS	Ammonium vanadate/ Ammonium metavanadate		•	•				•	
IHS	n-Amyl acetate and isomers	•	•		•				
IHS	n-Amylamine and isomers		•						•
IHS	n-Amyl chloride and isomers			•	•				
IHS	n-Amylene and isomers	•	•						•
IHS	n-Amyl mercaptan and isomers	•	•		•				
IHS	n-Amyl nitrate and isomers		•		•				
IHS	Amyl trichlorosilane and isomers	•	•			•			
AHS	Aniline/ Phenylamine	•	•						•
AHS	Anisoyl chloride	•	•			•			
EP/CHS	Anthracene	•	•			•			
AHS	Antimony	•	•	•				•	
IHS	Antimony compounds	•	•	•				•	
IHS	Antimony pentachloride	•	•					•	
IHS	Antimony pentafluoride	•	•					•	
AHS	Antimony pentasulfide	•	•					•	
AHS	Antimony potassium tartrate	•	•	•				•	•
IHS	Antimony sulfate	•	•					•	
IHS	Antimony trichloride	•	•					•	
AHS	Antimony trifluoride		•					•	
IHS	Antimony trioxide		•					•	
AHS	Antimony trisulfide		•	•				•	

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
EP/CHS	Arsenic		•	•		•			
AHS	Arsenic acid		•	•					•
AHS	Arsenic halides		•	•		•			
AHS	Arsenic (III) oxide/ Arsenic trioxide		•	•					•
AHS	Arsenic pentaselenide	•	•	•		o			
AHS	Arsenic pentoxide/ Arsenic (V) oxide		•	•					•
AHS	Arsenic sulfide		•	•					•
AHS	Arsenious acid and salts		•	•			•		
AHS	Arsine	•							
AHS	Arsine, diethyl- / Diethylarsine	o							
EP/CHS	Asbestos (including chrysotile, amosite, crocidolite, tremolite, anthophyllite, and actinolite)	•	•						
EP/CHS	Azathioprine		•						
AHS	Aziridine/ Ethyleneimine		•		•				
AHS	Azodrin		•						•
AHS	Barium			•				•	
AHS	Barium azide		•	•				•	
IHS	Barium chlorate		•	•				•	
IHS	Barium chloride		•	•				•	
IHS	Barium chromate		•	•				•	
AHS	Barium cyanide	•	•	•				•	
EP/CHS	Barium fluoride		•					•	
EP/CHS	Barium fluosilicate		•	•				•	
IHS	Barium hydroxide		•	•				•	

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	Barium nitrate		•	•				•	
IHS/AHS	Barium oxide		•	•				•	
IHS	Barium perchlorate		•	•				•	
IHS	Barium permanganate		•	•				•	
IHS	Barium peroxide		•	•				•	
IHS	Barium stearate		•	•				•	
AHS	Barium sulfide		•	•				•	
AHS	Bayluscide		•						•
AHS	Bendiocarb		•	•					•
IHS	Benzal chloride/ Benzylidene chloride/ Benzyl dichloride		•			•			
EP/CHS	1,2-Benz(a)anthracene, 7,12-dimethyl-/ 9,10-Dimethyl-benz(a)anthracene	•	•		•				
EP/CHS	Benz(a)anthracene/ 1,2-Benzanthracene	•	•		•				
EP/CHS	Benz(l)aceanthrylene, 1,2-dihydro-3-methyl-/ 3-Methylchloanthrene		•		•				
EP/CHS	3,4-Benz(c)acridine/ Benz(c)acridine		•		•				
AHS	Benzenamine, 4-chlor-/ p-Chloroaniline		•	•		•			
EP/CHS	Benzenamine, 4-chlor-2-methyl-/ 4-chloro-O-toluidine hydrochloride/ 2-Amino-4-chlorotoluene		•	•	•				
EP/CHS	Benzenamine, N,N'-dimethyl-4-phenylazo-/ Dimethyl aminoazobenzene		•	•	•				
EP/CHS	Benzenamine, 4,4'-methylenebis(2-chlor-/ 4,4'-Methylenebis (2-chloroaniline)		•	•	•				
EP/CHS	Benzenamine, 2-methyl-, hydrochloride/ o-Toluidine hydrochloride		•	•	•				
IHS	Benzenamine, 2-methyl-5-nitro-/ 5-Nitro-o-toluidine		•			•			
AHS	Benzenamine, 4-nitro-/ p-Nitroaniline		•		•				

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
EP/CHS	Benzene	•	•		•				
AHS	Benzene, (chloromethyl)-/ Chlorotoluene		•			•			
IHS	Benzene, 1,2-dichloro-/ o-Dichlorobenzene		•						•
IHS	Benzene, 1,3-dichloro-/ m-Dichlorobenzene		•						•
IHS	Benzene, 1,4-dichloro-/ p-Dichlorobenzene		•						•
IHS	Benzene, 1,3-diliscyanatomethyl-/ Toluene diisocyanate	•	•			•			
IHS	Benzene, dimethyl-/ Xylene (ortho, meta, para)	•	•		•				•
IHS	Benzene, hexachloro-/ Hexachlorobenzene		•			•			•
IHS	Benzene, hexahydro-/ Cyclohexane		•						•
IHS	Benzene, hydroxy-/ Phenol	•	•				•		
IHS	Benzene, methyl-/ Toluene	•	•		•				
IHS	Benzene, 1-methyl-2,4-dinitro-/ 2,4-Dinitrotoluene		•			•			
IHS	Benzene, 1-methyl-2,6-dinitro-/ 2,6-Dinitrotoluene		•			•			
EP/CHS	Benzene, 1,2-methylenedioxy-4-allyl-/ Safrole		•	•		•			
IHS	Benzene, 1,2-methylenedioxy-4-propenyl-/ Isosafrole		•	•		•			
IHS	Benzene, 1,2-methylenedioxy-4-propyl-/ Dihydrosafrole		•			•			
IHS	Benzene, (1-methyl)-/ Isopropylbenzene/ Cumene		•		•				
IHS	Benzene, nitro-/ Nitrobenzene	•	•			•			
EP/CHS	Benzene, pentachloro-/ Pentachlorobenzene		•			•			
EP/CHS	Benzene, pentachloronitro-/ Pentachloronitrobenzene		•	•		•			•
IHS	Benzene, 1,2,4,5-tetrachloro-/ 1,2,4,5-Tetrachlorobenzene		•			•			
AHS	Benzene, 1,3,5-trinitro-/ 1,3,5-Trinitrobenzene					•			
IHS	Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)- -alpha-hydroxy, ethyl ester/ Ethyl 4,4'-dichlorobenzilate		•	•					•

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	1,2-Benzenedicarboxylic acid anhydride/ Phthalic anhydride		●			●			
IHS	1,2-Benzenedicarboxylic acid, (bis(2-ethylhexyl) ester/ Bis(2-ethylhexyl)phthalate		○			○			
IHS	1,2-Benzenedicarboxylic acid, dibutyl ester/ Dibutyl phthalate		●	●		●			
IHS	1,2-Benzenedicarboxylic acid, diethyl ester/ Diethyl phthalate		●			●			●
IHS	1,2-Benzenedicarboxylic acid, dimethyl ester/ Dimethyl phthalate		●			●			
IHS	1,2-Benzenedicarboxylic acid, di-n-octyl ester/ Di-n-octyl phthalate		○			○			
IHS	1,2-Benzenediol, Pyrocatechol		●				●		
IHS	1,3-Benzenediol/Resorcinol		●				●		
AHS	Benzenethiol/ Phenyl mercaptan	●	●						●
EP/CHS	Benzidine/ 4,4'-Diaminobiphenyl	●	●			●			
EP/CHS	1,2-Benzothiazolin-3-one, 1,1-dioxide and salts/ Saccharine and salts		●		●				
EP/CHS	Benzo(j,k)fluorene/ Fluoranthene	●			●				
EP/CHS	Benzo(a)pyrene/ 3,4-Benzopyrene	●	●		●				
AHS	p-Benzoquinone/ Cyclohexadlenedione	●	●			●			
IHS	Benzotrifluoride	●	●			●			
EP/CHS	Benzotrifluoride/ Benzene, trichloromethyl-/ 1,2-Benzophenanthrene/ Chrysene	●				●			
IHS	Benzyl chloride/ (Chloromethyl)benzene	●	●			●			
EP/CHS	Beryllium compounds	●	●	●				●	
EP/CHS	Beryllium dust/ Beryllium, metal powder	●	●	●				●	
AHS	Bidrin	●	●	●					●
EP/CHS	2,2'-Bioxirane/ d-Threitol, 1,2:3,4-dianhydro-(1,1'-biphenyl)-4,4'-diamine,3,3'-dichloro-/ 3,3'-Dichlorobenzidine		●			○			

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	(1,1'-Biphenyl)-4,4'-diamine,3,3'-dimethoxy-/ 3,3'-Dimethoxybenzidine/ Dianisidine		•			○			
IHS	(1,1'-Biphenyl)-4,4'-diamine,3,3'-dimethyl-/ 3,3'-Dimethylbenzidine/ o-Tolidine		•			○			
IHS	Bis(2-chloroethoxy)methane		○			○			
IHS/AHS	Bis(2-chloroisopropyl) ether/ Ether, bis(2-chloro-1-methylethyl)	○	•			•			
EP/CHS	Bis(chloromethyl)ether/ Dichlorodimethyl ether	•	•			•			
EP/CHS	Bis(methylmercuric) sulfate		•	○				•	
IHS	Bismuth (powder)		•	○				•	
AHS	Boranes/ Boron Hydrides	•	•	○	•				
AHS	Bordeaux arsenites	○	•	•				•	
IHS	Boron trichloride	•	•			•			
IHS	Boron trifluoride	•	•			•			
AHS	Bromine	•	•			•			
AHS	Bromine cyanide/ Cyanogen bromide		•						•
AHS	Bromine pentafluoride	•	•			•			
AHS	Bromine trifluoride	•	•			•			
AHS	Bromoacetone/ 2-Propanone, 1-bromo-		•			•			
EP/CHS	Bromoform/ Tribromomethane	•	•			•			
IHS	4-Bromophenyl phenyl ether/ Benzene, 1-bromo-4-phenoxy-/ 4-Bromodiphenylether	○	○			○			
AHS	Bromoxynil		•	•					•
AHS	Brucine/ 2,3-Dimethoxystrychnidin-10-one	•	•			○			
AHS	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-/ Hexachlorobutadiene	•	•			•			
IHS	1-Butanamine, N-butyl-N-nitroso-/ N-Nitrosodi-n-butylamine		○			○			

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
EP/CHS	1,4-Butanediol dimethanesulphonate/ Myleran		•	•					•
IHS	1,2,4-Butanetriol trinitrate		o			o			
AHS	2-Butanone peroxide/ Methyl ethyl ketone peroxide		•				•		
IHS	1-Butanol/ n-Butyl alcohol		•				•		
IHS	2-Butanone/ Methyl ethyl ketone		•		•				
IHS	2-Butenal/ Crotonaldehyde	•	•				•		
IHS	2-Butene, 1,4-dichloro-/ 1,4-Dichloro-2-butene		•			•			
IHS	n-Butyl acetate and isomers	•	•	•	•				
IHS	n-Butyl amine and isomers	•	•	•	•				
IHS	n-Butyl butyrate		•		•				
IHS	n-Butyl formate and isomers		•		•				
AHS	tert-Butyl hydroperoxide		•		•				
AHS	n-Butyl lithium and isomers		•		•				
IHS	n-Butyl mercaptan and isomers/ 1-Butanethiol		•		•				
AHS	tert-Butyl peroxyacetate/ tert-Butyl peracetate		•		•				
AHS	tert-Butyl peroxybenzoate		•			•			
AHS	tert-Butyl peroxyphthalate		•		•				
IHS	para-tert-Butyl toluene		•		•				
IHS	tert-Butyltrichlorosilane		•			•			
IHS	Butyraldehyde and isomers		•		•				
IHS	Cadmium (powder)	•	•	•				•	
AHS	Cadmium chloride	•	•	•				•	
EP/CHS	Cadmium compounds	•	•	•				•	
AHS	Cadmium cyanide	•	•	•				•	

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Cadmium fluoride		•	•				•	
IHS	Cadmium nitrate		•	•				•	
AHS	Cadmium oxide	•	•	•				•	
AHS	Cadmium phosphate	•	•	•				•	
AHS	Cadmium sulphate		•	•				•	
AHS	Cadmium sulfide		•	•				•	
IHS	Calcium	•	•				•		
AHS	Calcium arsenate	•	•	•					•
AHS	Calcium arsenite	•	•	•					•
AHS	Calcium carbide	•	•				•		
IHS	Calcium chlorate		•						•
IHS	Calcium chlorite		•				•		
EP/CHS	Calcium chromate/ Chromic acid, calcium salt		•	•				•	
AHS	Calcium cyanide	•	•						•
EP/CHS	Calcium fluoride		•			•			
AHS	Calcium hydride		•	•		•			
IHS	Calcium hydroxide		•	•					•
IHS	Calcium hypochlorite		•						
IHS	Calcium nitrate		•			•			
IHS	Calcium permanganate		•				•		
IHS	Calcium peroxide		•			•			
AHS	Calcium phosphide		•	•					•
IHS	Calcium resinate		•	•					
AHS	Camphene, octachloro-/ Toxaphene	•	•	•					•

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		Air	Water	Soil	1	2	3	4	5
IHS	Caprylyl peroxide		•		○				
IHS	Carbamic acid, ethyl ester/ Ethyl carbamate (urethane)		•		•				
IHS	Carbamic acid, methylnitroso-,ethyl ester/ N-Nitroso-N-methylurethane		•			•			
AHS	Carbamide, N-ethyl-N-nitroso-/ 1-Nitroso-1-ethylurea		○				○		
AHS	Carbamide, N-methyl-N-nitroso-/ 1-Nitroso-1-methylurea		○				○		
AHS	Carbamide, thio-/ Thiourea/ Thiocarbamide		•			•			
AHS	Carbon bisulphide/ Carbon disulphide		•			•			
IHS	Carbonochloridic acid, methyl ester/ Methyl chloroformate		•			•			
IHS	Carbon oxyfluoride/ Carbonyl fluoride/ Fluorophosgene	•							
IHS	Carbon tetrachloride/ Tetrachloromethane	•	•			•			
AHS	Carbonyl chloride/ Phosgene	•	•						•
AHS	Carbophenothion/ Phosphorodithioic acid		•						•
EP/CHS	Chlorambucil			○					
AHS	Chlordane	•	•	•					•
AHS	Chlorfenvinphos	•	•	•					•
AHS	Chlorinated dibenzo dioxins	•	•	•					
AHS	Chlorinated dibenzo-furans/ Chlorinated phenylene oxide	•	•	•		○			
AHS	Chlorine	•	•	•		•			
AHS	Chlorine cyanide/ Cyanogen chloride	•	•			•			
AHS	Chlorine dioxide	•							
AHS	Chlorine trifluoride	•	•			•			
EP/CHS	Chloronaphthazine/ 2-Naphthylamine, N,N'-bis-(bis-(2-chloroethyl)-								
AHS	alpha-Chloroacetophenone	•	•			•			

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Chloroacetyl chloride	•	•			•			
IHS	Chlorobenzene/ Benzene, chloro-	•	•			•			
AHS	para-Chlorobenzoyl peroxide		•			•			
AHS	ortho-Chlorobenzylidene malonitrile		○			○			
AHS	Chlorocyanohydrin		•	•					•
AHS	2-Chloroethyl vinyl ether/ Ethane, 2-chloroethoxy-		•			•			
AHS	1-Chloro-2,3-epoxypropane/ Epichlorohydrin/ ECH		•			•			
EP/CHS	Chloroform/ Trichloromethane		•			•			
IHS	4-Chloro-m-cresol/ 4-Chloro-3-methylphenol		•			○			
IHS	Chloromethyl methyl ether/ Methychloromethyl ether		•			•			
EP/CHS	beta-Chloronaphthalene/ Naphthalene, 2-chloro-		•	○	○				
IHS	o-Chlorophenol/ 2-Chlorophenol		•				•		
AHS	1-(o-Chlorophenyl)thiourea/ 2-Chlorophenyl thiourea		○	○	○				•
AHS	Chloropicrin	•	•	•					
AHS	3-Chloropropanenitrile/ 3-Chloropropanenitrile		•			•			
AHS	Chlorpyrifos	•	•	○					•
IHS	Chlorosulfonic acid		•			•			
IHS	Chromic acid	•	•	•			•	•	
EP/CHS	Chromic oxide	•	•	•				•	
EP/CHS	Chromium	•	•	•				•	
AHS	Chromyl chloride	•	•	•				•	
IHS	Cobalt (powder)	•	•	•				•	
IHS	Cobaltous nitrate		•	•				•	
IHS	Cobaltous resinate		•	•				•	

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Cocculus, Fishberry/ PicROTOXIN		•	o		o			
IHS	Colloidon		•		•				
AHS	Copper acetoarsenite		•	•				•	•
AHS	Copper acetylde		•					•	
AHS	Copper arsenate		•	•				•	•
AHS	Copper arsenite		•	•				•	•
AHS	Copper chloride		•					•	
IHS	Copper chlorotetrazole		•					•	
IHS	Copper compounds		•					•	
AHS	Copper cyanides		•					•	
IHS	Copper nitrate		•					•	•
IHS	Copper sulfate		•					•	•
AHS	Coroxon		•	o					•
AHS	Coumataryl		•	o					•
AHS	Coumaphos		•	•					•
EP/CHS	Creosote		•	•		•			
IHS	Cresols		•			•			
IHS	Cresylic acid		•			•			
AHS	Crimidine		•						•
IHS	Cupriethylene diamine		•					•	
AHS	Cyanamide		•						•
AHS	Cyanazine		•						•
AHS	Cyanides (soluble cyanide salts) not elsewhere specified		•				•		
AHS	Cyanogen/ Ethanedinitrile	•							

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Cyanuric triazide		o			o			
IHS	Cycloheptane		•		•				
IHS	Cyclohexanone		•		•				
IHS	Cyclohexanone peroxide			o		o			
IHS	Cyclohexenyltrichlorosilane		•			•			
AHS	Cycloheximide / Actidione		•						•
IHS	Cyclohexyltrichlorosilane		•			•			
IHS	Cyclopentane		•		•				
IHS	Cyclopentanol		•		•				
IHS	Cyclopentene		•		•				
EP/CHS	Cyclophosphamide/Endoxan		o	o		o			
IHS	2,4-D, salts and esters/ 2,4-Dichlorophenoxyacetic acid, salts and esters		•	•					•
AHS	DDD/ Dichlorodiphenyldichloroethane		•	•					•
AHS	DDT/ Dichlorodiphenyltrichloroethane	•	•	•					•
AHS	DDVP/Dimethyldichlorovinyl phosphate/ Dichlorovos	•	•	•					•
AHS	Decaborane/ Decaboron tetradecehydride		•		•				
AHS	Decachlorooctahydro-1,3,4-metheno-2H-cyclobuta(c,d)-pentalen-2-one/ Kepone or Chlordecone		•	•					•
IHS	Decalin/ Decahydronaphthalene		•		•				
AHS	Deltamethrin		•						•
AHS	Demeton/ Systox	•	•						•
IHS	Diallate/ S-(2,3-Dichloroallyl) diisopropylthio-carbamate/ Avadex		•	•					•
AHS	Diamine/ Hydrazine	•	•			•			

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	Diesel fuel		•	•	•				
AHS	Diethylaluminum chloride		•					•	
IHS	Diethylamine		•		•				
AHS	Diethyl chlorovinyl phosphate		•						•
IHS	Diethyl ether/ Ethyl ether		•		•				
AHS	Diethyldichlorosilane		•			•			
IHS	1,4-Diethylene dioxide/ 1,4-Dioxane		•			•			
AHS	Diethylene glycol dinitrate		•			•			
IHS	Diethylene triamine	•	•		•				
AHS	N,N-Diethylhydrazine/ Hydrazine, 1,2-diethyl-		•		•				
AHS	O,O-Diethyl-S-(2-(ethylthio)ethyl) phosphorodithioate/ Disulfoton	•	•						•
AHS	O,O-Diethyl-S-methyl-dithiophosphate/ Phosphorodithioic acid, O,O-diethyl-, S-methyl ester		•			•			
AHS	Diethyl-p-nitrophenyl phosphate/ Phosphoric acid, diethyl p-nitrophenyl ester/ para. Oxon	•	•						•
AHS	O,O-Diethyl-S-phosphoro-dithiolate		•						•
AHS	O,O-Diethyl O,2-pyrazinyl phosphorothioate/ Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester/ Zinophos		•						•
EP/CHS	Diethylstilbestrol/4,4'-Stilbenediol, alpha, alpha -diethyl-		•						
AHS	Diethyl zinc		•					•	
IHS	Difluorophosphoric acid		•			•			
AHS	Diglycidyl ether		•			•			
IHS	1,2-Dihydro-3,6-pyridazinedione/ Maleic hydrazide		•						•
AHS	Disopropyl peroxydicarbonate		•			•			

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
EP/CHS	Diaminotoluene/Toluenediamine		•				•		
AHS	Diazinon	•	•	•					•
AHS	Diazodinitrophenol		•	•		•			
EP/CHS	Dibenz(a,h)anthracene/1,2,5,6-Dibenzanthracene		○		○				
AHS	Diborane/ Boroethane	•							
IHS	1,2-Dibromo-3-chloropropane/ Propane, 1,2-dibromo-3-chloro-		•	•					•
EP/CHS	Dibromomethane/Methylene bromide		•			•			
IHS	Dibutyl ether and isomers		•		•				
EP/CHS	Dichlorodifluoromethane/Methane, dichlorodifluoro-	•							
IHS	1,1-Dichloroethylene/ Ethene, 1,1-dichloro-/Vinylidene chloride		•			•			
IHS	1,2-Dichloroethylene/ Ethene, trans-1,2-dichloro-/Acetylene dichloride		•			•			
IHS	Dichloroethyl ether/ Ether, bis(2-chloroethyl)/Dichloroethoxydioxide		•			•			
IHS	Dichloroisocyanuric acid/ Dichloro-S-triazine-2,4,6-trione		•				•		
EP/CHS	Dichloromethane/Methylene chloride	○	•			•			
IHS	2,4-Dichlorophenol/ Phenol, 2,4-dichloro-		•			•			
IHS	2,6-Dichlorophenol/ Phenol, 2,6-dichloro-		•		○				
AHS	Dichlorophenyarsine/ Phenylchloroarsine	○	•	•		•			
IHS	1,2-Dichloropropane/ Propylene dichloride	○	•			•			
AHS	1,3-Dichloropropene/ Propene, 1,3-dichloro-	○	•			○			
IHS	Dicumyl peroxide		•						
AHS	Dieldrin	•	•	•					•

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	Diisopropylbenzene hydroperoxide		•		•				
AHS	Diisopropylfluorophosphate/ Phosphorofluoridic acid		•	•					•
AHS	Dimefox/ Bis (dimethylamino) fluorophosphine oxide		•						•
AHS	Dimethoate		•						•
IHS	Dimethylamine/ Methanamine, N-methyl-	•							
AHS	alpha, alpha-Dimethylbenzylhydroperoxide/ Cumene hydroperoxide		•			•			
IHS	Dimethylchlorosilane		•			•			
IHS	2,5-Dimethylhexane		•		•				
AHS	1,1-Dimethylhydrazine/ Hydrazine, 1,1-dimethyl-	•	•		•				
AHS	1,2-Dimethylhydrazine/ Hydrazine, 1,2-dimethyl-		•		•				
AHS	O,O-Dimethyl O-(p-nitrophenyl) phosphorothioate/ Methyl parathion	•	•						•
AHS	Dimethylnitrosamine/ N-Nitrosodimethylamine		•			•			
IHS	2,4-Dimethylphenol/ Xylenol		•			•			
AHS	Dimethyl sulphate/ Sulphuric acid, dimethyl ester	•	•			•			
AHS	Dimethyl sulfide/ Methyl sulfide/ Methyl thiomethane		•		•				
IHS	2,4-Dinitroaniline		•			•			
AHS	Dinitrobenzene (ortho, meta, para)	•	•			•			
AHS	Dinitrochlorobenzene		•			•			
AHS	4,6-Dinitro-o-cresol and salts/ Phenol, 2,4-dinitro-6-methyl-, and salts	•	•						•
AHS	4,6-Dinitro-o-cyclohexylphenol/ Phenol, 2-cyclohexyl-4,6-dinitro-		•						•
AHS	Dinitrophenol (2,3-,2,4-,2,6-isomers)		•			•			
AHS	2,4-Dinitrophenylhydrazine		•			•			

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Dinoseb		•						•
AHS	Dioxathion		•						•
IHS	Diphenylamine		•						•
AHS	Diphenyldichlorosilane		•			•			
AHS	Diphenyl disulfide		•			•			
AHS	Diphosphoramide, octamethyl-/ Octamethylpyrophosphoramide/ Schradan		•						•
AHS	Dipicrylamine/ 2,4,6,2',4',6'-Hexanitrodiphenylamine		•	•	•				
IHS	Dipropylamine/ 1-Propanamine, N-propyl		•		•				
IHS	Dipropyl ether		•		•				
IHS	Di-N-propylnitrosamine/ N-Nitroso-N-dipropylamine		•		•				
AHS	2,4-Dithiobutylurea/ 2-Thio-1-(thiocarbonyl)		•			•			
AHS	Dithione		•						•
AHS	Dithiopyrophosphoric acid, tetraethyl ester/ Tetraethyl dithiopyrophosphate/ Bladafume		•						•
AHS	Dodecyltrichlorosilane		•			•			
AHS	Dyfonate								
AHS	Endosulfan/ 5-Norbornene-2,3-dimethanol, 1,4,5,6,7,7-hexachloro-, cyclic sulphite		•						•
AHS	Endothal/ 7-Oxalobicyclo-(2.2.1)-heptane-2,3-dicarboxylic acid		•						•
AHS	Endothion								•
AHS	Endrin/ 1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo,endo-5,8-dimethanonaphthalene	•	•						•
AHS	Epichlorohydrin		•						
AHS	Epinephrine/ Adrenaline		•			•			

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Fluorine	•	•			•			
AHS	Fluoroacetanilide		○			○			
AHS	Fluoroacetic acid, sodium salt/ Sodium fluoroacetate	•	•						•
AHS	Fluorosulfonic acid		•			•			
IHS	Formaldehyde/ Methylene oxide	•	•		•				•
IHS	Formic acid/ Methanoic acid		•				•		
AHS	Fulminic acid, mercury (II) salt/ Fulminate of mercury		•	•				•	
AHS	Furadan/ Carbofuran	•	•						•
IHS	Furan/ Furfuran	•	•		•				
AHS	2-Furancarboxaldehyde/ Furfural		•			•			•
IHS	2,5-Furandione/ Maleic anhydride	•	•						•
IHS	Furan, tetrahydro-/ Tetrahydrofuran	•	•		•				
AHS	Gamma-B.H.C.		•	•					•
IHS	Gasoline	•	•	•	•				
IHS	Glycidylaldehyde/ Glycidaldehyde		•			•			
AHS	Glycolonitrile/ Formaldehyde cyanohydrin		•	•		•			
AHS	Guanidine nitrate		•						
AHS	Guanidine, N-nitroso-N-methyl-N'-nitro- / N-Methyl-N'-nitro -N-nitrosoguanidine		○			○			
AHS	Guanyl nitrosaminoguanylidene hydrazine		○			○			
AHS	Guthion	•	•	•					•
AHS	Hafnium compound	•	•	•				•	
AHS	Heptachlor/ Isodrin	•	•						•
IHS	n-Heptane and isomers		•		•				

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	1-Heptene and isomers		•		•				
EP/CHS	Hexachlorocyclohexane (gamma isomer)/ Lindane	•	•						•
EP/CHS	Hexachlorocyclopentadiene	•	•			•			
AHS	Hexachlorohexahydro-exo, exo-dimethanonaphthalene		o						o
AHS	Hexachlorophene / 2,2'-Methylenebis-(3,4,6-trichlorophenol)		•						•
AHS	Hexadecyltrichlorosilane		•		•				
AHS	Hexaethyl tetraphosphate/ Tetraphosphoric acid, hexaethyl ester		•						•
AHS	Hexafluorophosphoric acid		•			•			
IHS	Hexamethylenediamine		•				o		
IHS	n-Hexane and isomers		•		•				
IHS	1-Hexene and isomers		•		•				
IHS	n-Hexylamine and isomers		•		•				
IHS	Hexyltrichlorosilane		•		•				
AHS	Hydrazine (anhydrous)	•	•			•			
IHS	Hydrazine (hydrate) / Diamide hydrate		•			•			
AHS	Hydrazine azide		•				•		
AHS	Hydrazinecarbothioamide/ Thiosemicarbazide		•						•
AHS	Hydrazine, methyl-/ Methylhydrazine	•	•		•				
AHS	Hydrazoic acid		•				•		
IHS	Hydroiodic acid		•				•		
IHS	Hydrobromic acid		•				•		
IHS	Hydrochloric acid		•				•		
AHS	Hydrocyanic acid/ Hydrogen cyanide		•		•				

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Hydrofluosilicic acid		•	•			•		
IHS	Hydrogen (liquified)	•							
AHS	Hydrogen fluoride		•		•				
IHS	Hydrogen peroxide		•			•			
AHS	Hydrogen phosphide/ Phosphine	•							
AHS	Hydrogen selenide	•							
AHS	Hydrogen sulfide	•							
IHS	Hydroquinone		•			•			
AHS	Hydroxylamine/ Oxammonium		•			•			
IHS	Hypochlorite compounds		•				•		
IHS	Indium	•	•	•				•	
AHS	Iodine monochloride		•				•		
AHS	Ioxynil		•						•
IHS	Isobutyl alcohol/ Isobutanol		•		•				
AHS	Isocyanic acid, methyl ester/ Methyl isocyanate		•		•				
IHS	Isooctane		•		•				
IHS	Isooctene (mixture of isomers)		•		•				
IHS	Isopentane		•		•				
IHS	Isoprene		•		•				
IHS	Isopropanol		•		•				
IHS	Isopropyl acetate		•		•				
IHS	Isopropyl acetylene	•							
AHS	Isopropyl mercaptan		•		•				
AHS	meta-Isopropylphenyl-N-methylcarbamate		•						•

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	Isopropylamine		•		•				
IHS	Isopropyl chloride		•		•				
IHS	Isopropyl ether	•	•		•				
AHS	Kinoprene		•						•
AHS	Lead arsenate	•	•	•				•	•
AHS	Lead arsenite		•	•				•	•
AHS	Lead azide	•	•	•				•	
EP/CHS	Lead carbonate	•	•	•				•	
EP/CHS	Lead chloride	•	•	•				•	
AHS	Lead cyanide	•	•	•				•	
EP/CHS	Lead dioxide	•	•	•				•	
EP/CHS	Lead nitrate	•	•	•				•	
EP/CHS	Lead oxide	•	•	•				•	
EP/CHS	Lead phosphate/ Phosphoric acid, lead salt	•	•	•				•	
AHS	Lead Styphnate/Lead trinitroresorcinat		•	•				•	
EP/CHS	Lead subacetate/ Monobasic lead acetate		•	•				•	
AHS	Lithium		•		•			•	
AHS	Lithium aluminum hydride		•		•			•	
AHS	Lithium ferrosilicon	•		•					
AHS	Lithium hydride	•	•		•			•	
IHS	Lithium hypochlorite		•					•	
IHS	Lithium peroxide		•			•		•	
AHS	Lithium silicon		•					•	
IHS	Magnesium			•					

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Magnesium arsenate		•	•					•
AHS	Magnesium arsenite		•	•		•			
IHS	Magnesium chlorate		•			•			•
IHS	Magnesium nitrate		•			•			
IHS	Magnesium perchlorate		•			•	•		
IHS	Magnesium peroxide		•	•		•			
AHS	Malonitrile/ Malonic dinitrile/ Cyanoacetoneitrile		•			•			
IHS	Manganese (powder)	•	•					•	
IHS	Manganese acetate		•			•		•	
AHS	Manganese arsenate		•	•				•	
IHS	Manganese nitrate		•				•	•	
AHS	Mannitol hexanitrate		•			•			
EP/CHS	Melphalan		•		•				
AHS	Mercuric acetate	•	•	•				•	
EP/CHS	Mercuric ammonium chloride	•	•	•				•	
EP/CHS	Mercuric benzoate	•	•	•				•	
EP/CHS	Mercuric bromide	•	•	•				•	
AHS	Mercuric chloride	•	•	•				•	•
AHS	Mercuric cyanide	•	•	•				•	
EP/CHS	Mercuric iodide	•	•	•				•	
EP/CHS	Mercuric nitrate	•	•	•				•	
EP/CHS	Mercuric oleate	•	•	•				•	
EP/CHS	Mercuric oxide	•	•	•				•	
EP/CHS	Mercuric oxide (red and yellow)	•	•	•				•	•

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Mercuric oxycyanide	•	•	•				•	
EP/CHS	Mercuric - potassium iodide	•	•	•				•	
EP/CHS	Mercuric salicylate	•	•	•				•	
EP/CHS	Mercuric subsulfate	○	•	•				•	
EP/CHS	Mercuric sulfate	•	•	•				•	
AHS	Mercuric thiocyanate	•	•	•				•	
EP/CHS	Mercuriol	○	•	•				•	
AHS	Mercurous iodide	•	•	•				•	
EP/CHS	Mercurous bromide	•	•	•				•	
EP/CHS	Mercurous gluconate		•	•				•	
EP/CHS	Mercurous nitrate	•	•	•				•	
EP/CHS	Mercurous oxide	•	•	•				•	
EP/CHS	Mercurous sulfate	•	•	•				•	
EP/CHS	Mercury		•	•				•	
AHS	Mercury, (acetato)phenyl- / Phenylmercuric acetate		•	•				•	•
EP/CHS	Metal carbonyls		•	•				•	
IHS	Metal hydrides		•	•				•	
IHS	Methacrylonitrile / 2-propenenitrile, 2-methyl	•	•	•		•			
IHS	Methane, chloro- / Methyl chloride		•	•		•			
AHS	Methane, tetranitro- / Tetranitromethane	•	•	•		•			
IHS	Methanethiol / Methyl mercaptan	•	•	•		•			
AHS	Methanethiol, trichloro- / Trichloromethanethiol	○	○	○		○			
EP/CHS	Methane, trichlorofluoro- / Trichlorofluoromethane	•	•	•		•			
IHS	Methanol / Methyl alcohol		•	•			•		

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Methidathion		•						•
AHS	Mathomyl		•	•					•
AHS	Methoxyethylmercuric chloride		•					•	
IHS	Methyl acetate		•		•				
IHS	Methyl acetone (mixture of acetone, methyl acetate and methyl alcohol)		•		•				
AHS	Methylaluminum sesquibromide		•			•			
AHS	Methylaluminum sesquichloride		•			•			
IHS	Methylamine	•							
IHS	N-Methylaniline/ Toluidine		•		•				
AHS	2-Methylaziridine/ Propyleneimine		•		•				
IHS	1-Methylbutadiene/ 1,3-Pentadiene/ Pterylene		•		•				
IHS	2-Methyl-1-butene	•	•		•				
IHS	3-Methyl-1-butene	•	•		•				
IHS	Methyl butyl ether and isomers		•		•				
IHS	Methyl butyrate and isomers		•		•				
EP/CHS	Methyl chloromethyl ether	•	•			•			
IHS	Methylcyclohexane	•	•		•				
AHS	Methylcyclopentadienyl manganese tricarbonyl	•	•						
AHS	Methyldichloroarsine		•	•		•			
IHS	Methyldichlorosilane		•			•			
AHS	4,4'-Methylene-bis-(2-chloroaniline)	•	•			•			
IHS	Methyl ethyl ether		•		•				
IHS	Methyl formate		•		•				

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	Methyl isopropenyl ketone	•	•		•				
AHS	Methyl isothiocyanate		•			•			
IHS	Methylmagnesium bromide	o	•			o			
IHS	Methylmagnesium chloride	o	•			o			
IHS	Methylmagnesium iodide	o	•			o			
IHS	Methyl Methacrylate/ 2-Propenolc acid, 2-methyl-, methyl ester		•		•				
IHS	4-Methyl-2-pentanone/ Methyl isobutyl ketone	•	•		•				
IHS	Methyl propionate		•		•				
AHS	Methyltrichlorosilane		•			•			
IHS	Methyl valerate and isomers								
IHS	Methyl vinyl ketone		•		•				
AHS	Mevinphos	•	•	o					•
EP/CHS	Mitomycin C		•						•
AHS	Mocap/ O-Ethyl, S,S-dipropylphosphodithioate		•						•
IHS	Molybdenum (powder)		•	•				•	
AHS	Monochloroacetic acid		•	o			•		•
AHS	Monochloroacetone	o	•	o			•		
IHS	Monofluorophosphoric acid		•			•			
EP/CHS	Mustard gas	•	•			•			
IHS	Naphtha (of petroleum or coal tar origin)	•	•		•				
IHS	Naphthalene		•						•
AHS	1,4-Naphthalenedione/ 1,4-Naphthoquinone		•						•
IHS	1-Naphthylamine/ alpha-Naphthylamine		•			•			

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment		Groundwater Impact Group					
		Air	Water	Soil	1	2	3	4	5
EP/CHS	2-Naphthylamine/ beta-Naphthylamine		●			●			
AHS	alpha-Naphthylthiourea/ Thiourea, 1-naphthalenyl-	●	●						●
IHS	Neohexane/ 2,2-Dimethylbutane	●	●		●				
IHS	Nickel (powder)	●	●	●				●	
EP/CHS	Nickel acetate		●	●				●	
AHS	Nickel arsenate		●	●				●	
AHS	Nickel arsenide	○	●	●				●	
AHS	Nickel carbonyl/ Nickel tetracarbonyl	●	●	●				●	
IHS	Nickel chloride		●	●				●	
AHS	Nickel cyanide/ Nickel (II) cyanide		●	●				●	
IHS	Nickel nitrate		●	●				●	
AHS	Nicotine and salts/ Pyridine, (S)-3-(1-methyl-2-pyrrolidinyl)-and salts	●	●	●					●
IHS	Nitric acid		●				●		
AHS	Nitric oxide/ Nitrogen (II) oxide	●							
AHS	Nitroaniline (ortho, meta, para)		●			●			
IHS	Nitrobenzoic acid (meta,para)		●			●			
IHS	4-Nitrobiphenyl		●			●			●
AHS	Nitro carbo nitrate		●	○		○			
AHS	Nitrocellulose		●			●			
IHS	Nitrochlorobenzene (ortho, meta, para)	○	●	○		●			
AHS	Nitrogen dioxide/ Nitrogen (IV) oxide	●	●			●			
AHS	Nitrogen mustard	●				●			
AHS	Nitroglycerin/ 1,2,3-Propanetriol, trinitrate-	●	●			●			
IHS	Nitrohydrochloric acid/ aqua regia		●				●		

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Nitrophenol (meta)		•			•			
EP/CHS	Nitrophenol (ortho, para)		•			•			
AHS	Nitropropane/ Propane, 2-nitro-		•		•				
AHS	Nitrosoguanidine								
EP/CHS	N-Nitrosopyrrolidine/ Pyrrole, tetrahydro-N-nitroso	•	•			•			
AHS	Nitrostarch	o	•			o			
IHS	1-Nonene and isomers/ Nonylene		•		•				
AHS	Nonyltrichlorosilane		•			•			
AHS	Octachlorocamphene	o	•	o					•
AHS	Octadecyltrichlorosilane		•		•				
IHS	n-Octane and isomers		•		•				
IHS	1-Octene		•		•				
AHS	Octyltrichlorosilane		•			•			
IHS	Oleum/ Fuming Sulfuric Acid		•	•			•		
AHS	Osmium oxide/ Osmium tetroxide	•	•				•	•	
IHS	Oxalic acid	•	•			•	•		
AHS	Oxydemeton-methyl		•						•
AHS	Oxygen difluoride/ Fluorine monoxide	•							
IHS	Paracetaldehyde		•		•				
AHS	Para-oxon/ Diethyl-p-nitrophenyl phosphate		•	•					•
AHS	Paraquat	•	•						•
AHS	Parathion/ Phosphorothioic acid, O,O-diethyl O-(p-nitrophenyl) ester	•	•						•
AHS	Pentaborane	•	•		•				

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Pentachlorophenol/ Phenol, pentachloro-	•	•	•		•			•
AHS	Pentaerythrite tetra-nitrate		•			•			
IHS	n-Pentane and isomers	•	•		•				•
IHS	2-Pentanone and isomers	•	•		•				
AHS	Peracetic acid (40% solution)		•				•		
IHS	Perchloric acid		•				•		
AHS	Perchloromethyl mercaptan/ Trichloromethylsulfenyl chloride		•	•		•			
IHS	Perchloryl fluoride	•	•			•			
IHS	Petroleum ether	•	•		•				
IHS	Phenol		•			•			•
EP/CHS	Phenol, 2,3,4,6-tetrachloro-2,3,4,6-Tetrachlorophenol		•						•
EP/CHS	Phenol, 2,4,5-trichloro-/2,4,5-Trichlorophenol		•	•					•
EP/CHS	Phenol, 2,4,6-trichloro-/2,4,6-Trichlorophenol		•	•					•
AHS	Phenylenediamine (para)	•	•			•			
AHS	Phenyldiazine hydrochloride		•			•			
IHS	Phenylphenol		•			•			•
AHS	N-Phenythiourea/ Phenythiocarbonimide		•			•			
AHS	Phenyltrichlorosilane		•			•			
AHS	Phorate/ Phosphorothioic acid, O,O-diethyl S-(ethylthio) methyl ester	•	•						•
AHS	Phosfolan/ Cyolane		•						•
AHS	Phosphamidon		•						•
IHS	Phosphoric acid	•	•				•		
AHS	Phosphoric anhydride		•			•			

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	Phosphorus (amorphous, red)		•			•			
AHS	Phosphorus (white or yellow)	•	•			•			
AHS	Phosphorus oxybromide		•			•			
AHS	Phosphorus oxychloride		•			•			
AHS	Phosphorus pentachloride	•	•			•			
AHS	Phosphorus sesquisulfide		•			•			
AHS	Phosphorus sulphide / Phosphorus pentasulphide	•	•			•			
AHS	Phosphorus tribromide		•			•			
AHS	Phosphorus trichloride	•	•			•			
IHS	2-Picoline / 2-Methylpyridine		•		•				
AHS	Picramide / Trinitroaniline		•			•			
AHS	Picric acid	•	•			•	•		
AHS	Picryl chloride / 2-Chloro-1,3,5-trinitrobenzene	•	•			•			
AHS	Plumbane, tetraethyl- / Tetraethyl lead	•	•	•		•		•	
EP/CHS	Polybrominated biphenyls / PBBs	•	•	•		•			
EP/CHS	Polychlorinated biphenyl / PCBs	•	•	•		•			
AHS	Potasan		•			•			•
AHS	Potassium		•		•				
AHS	Potassium arsenate		•	•			•		
AHS	Potassium arsenite		•			•			
AHS	Potassium bifluoride		•			•			
IHS	Potassium bromate		•			•			
AHS	Potassium cyanide		•			•			•

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	Potassium dichloroisocyanurate/ Potassium-dichloro-s-triazinetriene		•				o		
IHS	Potassium dichromate		•	•				•	
AHS	Potassium dicyanoargentate/ Potassium silver cyanide		•					•	
IHS	Potassium dinitrobenzofuroxan								
IHS	Potassium fluoride		•	•		•			•
AHS	Potassium hydride		•	o		•			
IHS	Potassium hydroxide		•			•			
IHS	Potassium nitrate		•				•		
IHS	Potassium nitrite		•				•		
IHS	Potassium perchlorate		•				•		
IHS	Potassium permanganate		•				•		
AHS	Potassium peroxide		•				•		
AHS	Potassium sulfide		•				•		
AHS	Pirimicarb		•						•
IHS	1-Propanamine/ n-Propylamine		•		•				
IHS	2-Propanone/ Acetone		•		•				
AHS	Propargyl alcohol/ 2-Propyn-1-ol	o	•				•		
AHS	Propargyl bromide		•						•
AHS	beta-Propiolactone	•	•			•			
IHS	Propionaldehyde		•		•				
IHS	Propionic acid		•	•	•				
IHS	Propionic acid, 2-(2,4,5-trichlorophenoxy)-/ Silvex		•	•					•
AHS	Propoxur	•	•						•

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	n-Propyl acetate	•	•		•				
IHS	n-Propyl alcohol		•				•		
IHS	Propylene oxide	•	•		•				
IHS	n-Propyl formate		•		•				
IHS	n-Propyl mercaptan/ 1-Propanethiol		•		•				•
IHS	Pyridine/ Azabenzene	•	•		•				
AHS	Pyrophosphoric acid, tetraethyl ester/ Tetraethyl pyrophosphate	•	•						•
AHS	n-Propyltrichlorosilane		•			•			
AHS	Pyrosulfuryl chloride/ Disulfonyl chloride		•				•		
AHS	Quinone	•	•			•			
AHS	Raney nickel		•	•				•	
AHS	Reserpine/ 3,4,5-Trimethoxybenzoyl methyl reserpate		•			•			
AHS	Rotenone		•						•
AHS	Schradan/ Octamethyl pyrophosphoramide		•						•
IHS	Selenous acid/ Monohydrated selenium dioxide	•	•	•			•		
AHS	Selenium dioxide/ Selenium oxide	•	•	•		•			
AHS	Selenium disulphide/ Sulphur selenide	•	•	•		•			
AHS	Selenium fluoride/ Selenium hexafluoride	•	•	•			•		
IHS	Silicon tetrachloride		•			•			
AHS	Silver acetylde	•	•	•				•	
AHS	Silver azide	•	•	•				•	
AHS	Silver cyanide	•	•	•				•	
IHS	Silver nitrate	•	•	•				•	

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Sodium		•		•				
IHS	Sodium aluminate		•				•		
AHS	Sodium aluminum hydride		•			•			
AHS	Sodium amide		•				•		
AHS	Sodium arsenate		•	•		•			
AHS	Sodium arsenite		•	•					•
IHS	Sodium azide	•	•			•			
IHS/AHS	Sodium bromate		•			•			
AHS	Sodium cacodylate		•						•
IHS	Sodium carbonate peroxide		•				•		
IHS	Sodium chlorate		•						•
IHS	Sodium chlorite		•				•		
AHS	Sodium chromate	•	•	•				•	
AHS	Sodium cyanide		•						•
IHS	Sodium dichloroisocyanurate / Sodium dichloro-S- triazinetrione		•				•		
AHS	Sodium dichromate		•	•				•	
AHS	Sodium fluoride		•			•			•
AHS	Sodium hydride		•		•				
IHS	Sodium hydrosulfite / Sodium bisulfite		•				•		
IHS	Sodium hydroxide		•				•		
IHS	Sodium hypochlorite		•				•		
AHS	Sodium hypochlorite (anhydrous)		•				•		
IHS	Sodium methylate / Sodium methoxide		•			•			

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	Sodium nitrate		•			•			
AHS	Sodium nitrite		•			•			
IHS	Sodium oxide/ Sodium monoxide		•			•			
IHS	Sodium perchlorate		•			•			
IHS	Sodium permanganate		•				•		
AHS	Sodium peroxide		•			•			
AHS	Sodium picramate		•				•		
AHS	Sodium potassium alloy		•		•				
AHS	Sodium selenate	•	•	•					•
AHS	Sodium sulfide and sodium hydrosulfide		•			•			
IHS	Stannic chloride		•					•	
AHS	Strontium arsenate		•	•				•	
AHS	Strontium nitrate		•					•	
IHS	Strontium peroxide		•					•	
AHS	Strontium sulphide		•					•	
AHS	Strychnine and salts	•	•						•
IHS	Styrene	•	•	•	•				
IHS	Succinic acid peroxide		•			•			
AHS	Sulfide salts (soluble)		•				•		
AHS	Sulfotep/ Tetraethyldithiopyrophosphate	•	•						•
AHS	Sulfur chloride	•	•	•		•			•
AHS	Sulfur pentafluoride		•			•			
IHS	Sulfur trioxide		•			•			
IHS	Sulfuric acid	•	•	•			•		

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	Sulfurous acid		•				•		
AHS	Sulfuryl chloride		•			•			
AHS	Sulfuryl fluoride	•							•
EP/CHS	2,4,5-T/ 2,4,5-Trichlorophenoxyacetic acid		•	•					•
AHS	Tellurium hexafluoride	•							
AHS	Telodrin/ Isobornyl thiocyanacetate (82%)		•	•					•
AHS	Terbufos		•						•
AHS	2,3,7,8-Tetrachlorodibenzo-para-dioxin (TCDD)		•	•					•
IHS	Tetralin/ Tetrazene/ 1,2,3,4-Tetrahydronaphthalene		•		•				
AHS	Tetramethyl lead	•	•	•				•	
AHS	Tetramethyl succinonitrile		•			•			
AHS	Thallium		•					•	
AHS	Thallium compounds	•	•					•	
AHS	Thallium (I) nitrate/ Thallous nitrate	•	•					•	
AHS	Thallium (III) oxide/ Thallic oxide		•					•	
AHS	Thallium (I) selenite		•					•	
AHS	Thallium (I) sulphate/ Sulphuric acid, thallium (I) salt	•	•					•	•
AHS	Thiocarbonyl chloride/ Perchloromethyl mercaptan/ Thiophosgene	•	•				•		
AHS	Thionazin		•						•
AHS	Thionyl chloride/ Sulfurous oxychloride	•	•	•					•
AHS	Thiophosphoryl chloride/ Phosphorous sulfochloride		•			•			
IHS	Thorium (powder)		•	•				•	
AHS	Tin compounds (organic)	•	•					•	

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
IHS	Titanium (powder)		•					•	
IHS	Titanium sulfate		•					•	
IHS	Titanium tetrachloride		•					•	
IHS	Toluidine		•		•				
EP/CHS	Treosulphan								
IHS	Trichloroborane								
IHS	Trichloroisocyanuric acid		•						•
AHS	Trichloronate								
AHS	Trichlorosilane		•			•			
IHS	Trimethylamine	•							
AHS	Trinitroanisole/ Methyl picrate		•			•			
AHS	Trinitrobenzene		•			•			
AHS	2,4,6-Trinitrobenzoic acid		•						
AHS	Trinitronaphthalene		•		•				
AHS	2,4,6-Trinitroresorcinol/ Styphnic acid		•		•				
AHS	Trinitrotoluene	•	•			•			
AHS	Tris-(1-Aziridinyl)-phosphine oxide		•						•
IHS	Turpentine		•	•	•				•
IHS	Uracil, 5-(bis(2-chloroethyl)amino)-/ Uracil mustard		•			•			
AHS	Uranyl nitrate		•	•				•	
AHS	Urea nitrate		•			•			
IHS	n-Valeraldehyde and isomers/ Amyl aldehyde/ pentanal		•		•				
AHS	Vanadium oxytrichloride		•	•				•	
AHS	Vanadium pentoxide/ Vanadium (V) oxide	•	•	•				•	

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Hazardous Substance Group	Name of Chemical	Potential Environmental Compartment			Groundwater Impact Group				
		Air	Water	Soil	1	2	3	4	5
AHS	Vanadium tetrachloride		•	•				•	
IHS	Vinyl acetate		•		•				
EP/CHS	Vinyl chloride		•		•				
IHS	Vinyl ethyl ether	•	•		•				
IHS	Vinyl isopropyl ether		•		o				
AHS	Vinyltrichlorosilane		•			•			
AHS	Warfarin	•	•						•
AHS	Zinc arsenate		•	•				•	•
AHS	Zinc arsenite		•	•				•	•
AHS	Zinc cyanide		•					•	•
AHS	Zinc peroxide		•					•	
AHS	Zinc phosphide, when present at concentrations greater than 10 percent		•					•	•
IHS	Zinc (powder)		•					•	
IHS	Zinc ammonium nitrate		•					•	
IHS	Zinc chloride		•					•	
IHS	Zinc nitrate		•					•	
IHS	Zinc permanganate		•					•	
IHS	Zirconium (powder)		•					•	
IHS	Zirconium chloride		•					•	

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