

Section 3 Chemical Waste Management Appendices

3.1 Appendix A - Acute Hazardous Waste ("P" List)

Hazardous Waste No.	Chemical abstracts No.	Substance
P023	107 - 20 - 0	Acetaldehyde, chloro-
P002	591 - 08 - 2	Acetamide, N-(aminothioxomethyl)-
P057	640 - 19 - 7	Acetamide, 2-fluoro-
P058	62 - 74 - 8	Acetic acid, fluoro-, sodium salt
P002	591 - 08 - 2	1-Acetyl-2-thiourea
P003	107 - 02 - 8	Acrolein
P070	116 - 06 - 3	Aldicarb
P203	1646 - 88 - 4	Aldicarb sulfone.
P004	309 - 00 - 2	Aldrin
P005	107 - 18 - 6	Allyl alcohol
P006	20859 - 73 - 8	Aluminum phosphide (R,T)
P007	2763 - 96 - 4	5-(Aminomethyl)-3-isoxazolol
P008	504 - 24 - 5	4-Aminopyridine
P009	131 - 74 - 8	Ammonium picrate (R)
P119	7803 - 55 - 6	Ammonium vanadate
P099	506 - 61 - 6	Argentate(1-), bis(cyano-C)-, potassium
P010	7778 - 39 - 4	Arsenic acid H3AsO4
P012	1327 - 53 - 3	Arsenic oxide As2O3
P011	1303 - 28 - 2	Arsenic oxide As2O5
P011	1303 - 28 - 2	Arsenic pentoxide
P012	1327 - 53 - 3	Arsenic trioxide
P038	692 - 42 - 2	Arsine, diethyl-
P036	696 - 28 - 6	Arsonous dichloride, phenyl-
P054	151 - 56 - 4	Aziridine
P067	75 - 55 - 8	Aziridine, 2-methyl-
P013	542 - 62 - 1	Barium cyanide
P024	106 - 47 - 8	Benzenamine, 4-chloro-
P077	100 - 01 - 6	Benzenamine, 4-nitro-
P028	100 - 44 - 7	Benzene, (chloromethyl)-
P042	51 - 43 - 4	1,2-Benzenediol,
P046	122 - 09 - 8	4-[1-hydroxy-2-(methylamino)ethyl]-,(R)- Benzeneethanamine, alpha, alpha dimethyl-
P014	108 - 98 - 5	Benzenethiol
P127	1563 - 66 - 2	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl, methylcarbamate.
P188	57 - 64 - 7	Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)- 1,2,3,3a,8,8a-hexahydro-1, 3a,8-trimethylpyrrolo[2,3-b]indol- 5-yl methylcarbamate ester (1:1).
P001	181 - 81 - 2	2H-1-Benzopyran-2-one, 4-hydroxy-3 (3-oxo-1-phenylbutyl)-, & salts, when present at concentrations greater than 0.3%
P028	100 - 44 - 7	Benzyl chloride

Hazardous Waste No.	Chemical abstracts No.	Substance
P015	7440 - 41 - 7	Beryllium powder
P017	598 - 31 - 2	Bromoacetone
P018	357 - 57 - 3	Brucine
P045	39196 - 18 - 4	2-Butanone, 3, 3-dimethyl-1-(methylthio)-, O-methylamino)carbonyl] oxime
P021	592 - 01 - 8	Calcium cyanide
P021	592 - 01 - 8	Calcium cyanide Ca(CN) ₂
P189	55285 - 14 - 8	Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl- 7-benzofuranyl ester.
P191	644 - 64 - 4	Carbamic acid, dimethyl-, 1-[(dimethylamino)carbonyl]- 5-methyl-1H- pyrazol-3-yl ester.
P192	119 - 38 - 0	Carbamic acid, dimethyl-, 3-methyl-1- (1-methylethyl)-1H- pyrazol-5-yl ester.
P190	1129 - 41 - 5	Carbamic acid, methyl-, 3-methylphenyl ester.
P127	1563 - 66 - 2	Carbofuran.
P022	75 - 15 - 0	Carbon disulfide
P095	75 - 44 - 5	Carbonic dichloride
P189	55285 - 14 - 8	Carbosulfan.
P023	107 - 20 - 0	Chloroacetaldehyde
P024	106 - 47 - 8	p-Chloroaniline
P026	5344 - 82 - 1	1-(o-Chlorophenyl)thiourea
P027	542 - 76 - 7	3-Chloropropionitrile
P029	544 - 92 - 3	Copper cyanide
P029	544 - 92 - 3	Copper cyanide Cu(CN)
P202	64 - 00 - 6	m-Cumenyl methylcarbamate.
P030		Cyanides (soluble cyanide salts), not Otherwise specified
P031	460 - 19 - 5	Cyanogen
P033	506 - 77 - 4	Cyanogen chloride
P033	506 - 77 - 4	Cyanogen chloride (CN)Cl
P034	131 - 89 - 5	2-Cyclohexyl-4,6-dinitrophenol
P016	542 - 88 - 1	Dichloromethyl ether
P036	696 - 28 - 6	Dichlorophenylarsine
P037	60 - 57 - 1	Dieldrin
P038	692 - 42 - 2	Diethylarsine
P041	311 - 45 - 5	Diethyl-p-nitrophenyl phosphate
P040	297 - 97 - 2	O,O-Diethyl O-pyrazinyl phosphorothioate
P043	55 - 91 - 4	Diisopropylfluorophosphate (DFP)(62-

Hazardous Waste No.	Chemical abstracts No.	Substance
P004	309 - 00 - 2	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta) P060 465 - 73 - 6 1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10 hexa-chloro-1,4,4a,5,8,8a-hexahydro-, (1alpha, 4alpha, 4abeta, 5beta, 8beta, 8abeta)-
P037	60 - 57 - 1	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1alpha, 2beta, 2alpha, 3beta, 6beta, 6alpha, 7beta, 7alpha)-
P051	172 - 20 - 8	2,7:3,6-Dimethanonaphth [2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1alpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta 7alpha)-, & metabolites
P044	60 - 51 - 5	Dimethoate
P046	122 - 09 - 8	alpha,alpha-Dimethylphenethylamine
P191	644 - 64 - 4	Dimetilan.
P047	1534 - 52 - 1	4,6-Dinitro-o-cresol, & salts
P048	51 - 28 - 5	2,4-Dinitrophenol
P020	88 - 85 - 7	Dinoseb
P085	152 - 16 - 9	Diphosphoramidate, octamethyl-
P111	107 - 49 - 3	Diphosphoric acid, tetraethyl ester
P039	298 - 04 - 4	Disulfoton
P049	541 - 53 - 7	Dithiobiuret
P185	26419 - 73 - 8	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl]oxime.
P050	115 - 29 - 7	Endosulfan
P088	145 - 73 - 3	Endothall
P051	72 - 20 - 8	Endrin
P051	72 - 20 - 8	Endrin, & metabolites
P042	51 - 43 - 4	Epinephrine
P031	460 - 19 - 5	Ethanedinitrile
P194	23135 - 22 - 0	Ethanimidothioc acid, 2-(dimethylamino)-N-[[[(methylamino) carbonyl]oxy]-2-oxo-, methyl ester.
P066	16752 - 77 - 5	Ethanimidothioic acid, N-[[[(methylamino)carbonyl]oxy]-, methyl ester
P101	107 - 12 - 0	Ethyl cyanide
P054	151 - 56 - 4	Ethyleneimine
P097	52 - 85 - 7	Famphur

Hazardous Waste No.	Chemical abstracts No.	Substance
P056	7782 - 41 - 4	Fluorine
P057	640 - 19 - 7	Fluoroacetamide
P058	62 - 74 - 8	Fluoroacetic acid, sodium salt
P198	23422 - 53 - 9	Formetanate hydrochloride.
P197	17702 - 57 - 7	Formparanate.
P065	628 - 86 - 4	(2+) salt (R,T)
P059	76 - 44 - 8	Heptachlor
P062	757 - 58 - 4	Hexaethyl tetraphosphate
P116	79 - 19 - 6	Hydrazinecarbothioamide
P068	60 - 34 - 4	Hydrazine, methyl-
P063	74 - 90 - 8	Hydrocyanic acid
P063	74 - 90 - 8	Hydrogen cyanide
P096	7803 - 51 - 2	Hydrogen phosphide
P060	465 - 73 - 6	Isodrin
P192	119 - 38 - 0	Isolan.
P202	64 - 00 - 6	3-Isopropylphenyl N-methylcarbamate.
P007	2763 - 96 - 4	3(2H)-Isoxazolone, 5-(aminomethyl)-
P196	15339 - 36 - 3	Manganese, bis (dimethylcarbamodithioato-S,S')-, Manganese dimethyldithiocarbamate.
P196	15339 - 36 - 3	Manganese dimethyldithiocarbamate.
P092	62 - 38 - 4	Mercury, (acetato-O)phenyl-
P065	628 - 86 - 4	Mercury fulminate (R,T)
P082	62 - 75 - 9	Methanamine, N-methyl-N-nitroso-
P064	624 - 83 - 9	Methane, isocyanato-
P016	542 - 88 - 1	Methane, oxybis[chloro-
P112	509 - 14 - 8	Methane, tetranitro- (R)
P118	75 - 70 - 7	Methanethiol, trichloro-
P198	23422 - 53 - 9	Methanimidamide, N,N-dimethyl-N'-[3- [[[(methylamino)-carbonyl]oxy]phenyl]-, monohydrochloride.
P197	17702 - 57 - 9	Methanimidamide, N,N-dimethyl-N'-[2- methyl-4-[(methylamino) carbonyl]oxy] phenyl]-
P050	115 - 29 - 7	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a- hexahydro-, 3-oxide
P059	76 - 44 - 8	4,7-Methano-1H-indene, 1,4,5,6,7,8,8- heptachloro-3a,4,7,7a-tetrahydro-
P199	2032 - 65 - 7	Methiocarb.
P066	16752 - 77 - 5	Methomyl
P068	60 - 34 - 4	Methyl hydrazine
P064	624 - 83 - 9	Methyl isocyanate
P069	75 - 86 - 5 2-	Methyl lactonitrile
P071	298 - 00 - 0	Methyl parathion
P190	1129 - 41 - 5	Metolcarb.(63-
P128	315 - 8 - 4	Mexacarbate.
P072	86 - 88 - 4	alpha-Naphthylthiourea
P073	13463 - 39 - 3	Nickel carbonyl

Hazardous Waste No.	Chemical abstracts No.	Substance
P073	13463 - 39 - 3	Nickel carbonyl Ni(CO) ₄ , (T-4)-
P074	557 - 19 - 7	Nickel cyanide
P074	557 - 19 - 7	Nickel cyanide Ni(CN) ₂
P075	154 - 11 - 5	Nicotine, & salts
P076	10102 - 43 - 9	Nitric oxide
P077	100 - 01 - 6	p-Nitroaniline
P078	10102 - 44 - 0	Nitrogen dioxide
P076	10102 - 43 - 9	Nitrogen oxide NO
P078	10102 - 44 - 0	Nitrogen oxide NO ₂
P081	55 - 63 - 0	Nitroglycerine (R)
P082	62 - 75 - 9	-Nitrosodimethylamine
P084	4549 - 40 - 0	N-Nitrosomethylvinylamine
P085	152 - 16 - 9	Octamethylpyrophosphoramide
P087	20816 - 12 - 0	Osmium oxide OsO ₄ , (T-4)-
P087	20816 - 12 - 0	Osmium tetroxide
P088	145 - 73 - 3	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
P194	23135 - 22 - 0	Oxamyl.
P089	56 - 38 - 2	Parathion
P034	131 - 89 - 5	Phenol, 2-cyclohexyl-4,6-dinitro-
P048	51 - 28 - 5	Phenol, 2,4-dinitro-
P047	1534 - 52 - 1	Phenol, 2-methyl-4,6-dinitro-, & salts
P020	88 - 85 - 7	Phenol, 2-(1-methylpropyl)-4,6-dinitro-
P009 (R)	131 - 74 - 8	Phenol, 2,4,6-trinitro-, ammonium salt
P128	315 - 18 - 4	Phenol, 4-(dimethylamino)-3,5-dimethyl-,methylcarbamate (ester).
P199	2032 - 65 - 7	Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate
P202	64 - 00 - 6	Phenol, 3-(1-methylethyl)-, methyl carbamate.
P201	2631 - 37 - 0	Phenol, 3-methyl-5-(1-methylethyl)-, Methyl carbamate.
P092	62 - 38 - 4	Phenylmercury acetate
P093	103 - 85 - 5	Phenylthiourea
P094	298 - 02 - 2	Phorate
P095	75 - 44 - 5	Phosgene
P096	7803 - 51 - 2	Phosphine
P041	311 - 45 - 5	Phosphoric acid, diethyl 4-nitrophenyl ester
P039	298 - 04 - 4	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester
P094	298 - 02 - 2	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester
P044	60 - 51 - 5	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester
P043	55 - 91 - 4	Phosphorofluoridic acid, bis(1-methylethyl) ester

Hazardous Waste No.	Chemical abstracts No.	Substance
P089	56 - 38 - 2	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl)ester
P040	297 - 97 - 2	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester
P097	52 - 85 - 7	Phosphorothioic acid, O-[4-[(dimethylamino) sulfonyl]phenyl] O,O-dimethyl ester
P071	298 - 00 - 0	Phosphorothioic acid, O,O,-dimethyl O-(4-nitrophenyl) ester
P204	57 - 47 - 6	Physostigmine.
P188	57 - 64 - 7	Physostigmine salicylate.
P110	78 - 00 - 2	Plumbane, tetraethyl-
P098	151 - 50 - 8	Potassium cyanide
P098	151 - 50 - 8	Potassium cyanide K(CN)
P099	506 - 61 - 6	Potassium silver cyanide
P201	2631 - 37 - 0	Promecarb
P070	116 - 06 - 3	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime
P203	1646 - 88 - 4	Propanal, 2-methyl-2-(methyl-sulfonyl), O-[(methylamino)carbonyl] oxime.
P101	107 - 12 - 0	Propanenitrile
P027	542 - 76 - 7	Propanenitrile, 3-chloro-
P069	75 - 86 - 5	Propanenitrile, 2-hydroxy-2-methyl-
P081	55 - 63 - 0	1,2,3-Propanetriol, trinitrate (R)
P017	598 - 31 - 2	2-Propanone, 1-bromo-
P102	107 - 19 - 7	Propargyl alcohol
P003	107 - 02 - 8	2-Propenal
P005	107 - 18 - 6	2-Propen-1-ol
P067	75 - 55 - 8	1,2-Propylenimine
P102	107 - 19 - 7	2-Propyn-1-ol
P008	504 - 24 - 5	4-Pyridinamine
P075	154 - 11 - 5	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts
P204	57 - 47 - 6	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-.
P114	12039 - 52 - 0	Selenious acid, dithallium(1+) salt(64-
P103	630 - 10 - 4	Selenourea
P104	506 - 64 - 9	Silver cyanide
P104	506 - 64 - 9	Silver cyanide Ag(CN)
P105	26628 - 22 - 8	Sodium azide
P106	143 - 33 - 9	Sodium cyanide
P106	143 - 33 - 9	Sodium cyanide Na(CN)
P108	157 - 24 - 9	Strychnidin-10-one, & salts
P018	357 - 57 - 3	Strychnidin-10-one, 2,3-dimethoxy-
P108	157 - 24 - 9	Strychnine, & salts
P115	7446 - 18 - 6	Sulfuric acid, dithallium(1+) salt
P109	3689 - 24 - 5	Tetraethyldithiopyrophosphate

Hazardous Waste No.	Chemical abstracts No.	Substance
P110	78 - 00 - 2	Tetraethyl lead
P111	107 - 49 - 3	Tetraethyl pyrophosphate
P112	509 - 14 - 8	Tetranitromethane (R)
P062	757 - 58 - 4	Tetraphosphoric acid, hexaethyl ester
P113	1314 - 32 - 5	Thallic oxide
P113	1314 - 32 - 5	Thallium oxide Tl ₂ O ₃
P114	12039 - 52 - 0	Thallium(I) selenite
P115	7446 - 18 - 6	Thallium(I) sulfate
P109	3689 - 24 - 5	Thiodiphosphoric acid, tetraethyl ester
P045	39196 - 18 - 4	Thiofanox
P049	541 - 53 - 7	Thioimidodicarbonic diamide [(H ₂ N)C(S)] ₂ NH
P014	108 - 98 - 5	Thiophenol
P116	79 - 19 - 6	Thiosemicarbazide
P026	5344 - 82 - 1	Thiourea, (2-chlorophenyl)-
P072	86 - 88 - 4	Thiourea, 1-naphthalenyl-
P093	103 - 85 - 5	Thiourea, phenyl-
P185	26419 - 73 - 8	Tirpate.
P123	8001 - 35 - 8	Toxaphene
P118	75 - 70 - 7	Trichloromethanethiol
P119	7803 - 55 - 6	Vanadic acid, ammonium salt
P120	1314 - 62 - 1	Vanadium oxide V ₂ O ₅
P120	1314 - 62 - 1	Vanadium pentoxide
P084	4549 - 40 - 0	Vinylamine, N-methyl-N-nitroso-
P001	181 - 81 - 2	Warfarin, & salts, when present at concentrations greater than 0.3%
P205	137 - 30 - 4	Zinc, bis(dimethylcarbamodithioato-S,S')-,
P121	557 - 21 - 1	Zinc cyanide
P121	557 - 21 - 1	Zinc cyanide Zn(CN) ₂
P122	1314 - 84 - 7	Zinc phosphide Zn ₃ P ₂ , when present at concentrations greater than 10% (R,T)
P205	137 - 30 - 4	Ziram.

ICAS Number given for parent compound only