

Characteristics of Hazardous Chemicals

Characteristics of Hazardous Waste: Ignitability (D003) 40 CFR - CHAPTER I -261.21

(a) A solid waste exhibits the characteristic of ignitability if a representative sample of the waste has any of the following properties:

(1) It is a liquid, other than an aqueous solution containing less than 24 percent alcohol by volume and has flash point less than 60 °C (140 °F), as determined by a Pinsky-Martens Closed Cup Tester, using the test method specified in ASTM Standard D-93-79 or D-93-80 (incorporated by reference, see § 260.11), or a Setaflash Closed Cup Tester, using the test method specified in ASTM Standard D-3278-78 (incorporated by reference, see § 260.11), or as determined by an equivalent test method approved by the Administrator under procedures set forth in §§ 260.20 and 260.21.

(2) It is not a liquid and is capable, under standard temperature and pressure, of causing fire through friction, absorption of moisture or spontaneous chemical changes and, when ignited, burns so vigorously and persistently that it creates a hazard.

(3) It is an ignitable compressed gas as defined in 49 CFR 173.300 and as determined by the test methods described in that regulation or equivalent test methods approved by the Administrator under §§ 260.20 and 260.21.

(4) It is an oxidizer as defined in 49 CFR 173.151.

(b) A solid waste that exhibits the characteristic of ignitability has the EPA Hazardous Waste Number of D001.

Characteristics of Hazardous Waste: Corrosivity (D002) 40 CFR - CHAPTER I - 261.22

(a) A solid waste exhibits the characteristic of corrosivity if a representative sample of the waste has either of the following properties:

(1) It is aqueous and has a pH less than or equal to 2 or greater than or equal to 12.5, as determined by a pH meter using Method 9040 in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846, as incorporated by reference in § 260.11 of this chapter.

(2) It is a liquid and corrodes steel (SAE 1020) at a rate greater than 6.35 mm (0.250 inch) per year at a test temperature of 55 °C (130 °F) as determined by the test method specified in NACE (National Association of Corrosion Engineers) Standard TM-01-69 as standardized in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846, as incorporated by reference in § 260.11 of this chapter.

(b) A solid waste that exhibits the characteristic of corrosivity has the EPA Hazardous Waste Number of D002.

Characteristics of Hazardous Waste: Reactivity (D001) 40 CFR - CHAPTER I - 261.23

(a) A solid waste exhibits the characteristic of reactivity if a representative sample of the waste has *any* of the following properties:

(1) It is normally unstable and readily undergoes violent change without detonating.

(2) It reacts violently with water.

(3) It forms potentially explosive mixtures with water.

(4) When mixed with water, it generates toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.

(5) It is a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 and 12.5, can generate toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.

(6) It is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement.

(7) It is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure.

(8) It is a forbidden explosive as defined in 49 CFR 173.51, or a Class A explosive as defined in 49 CFR 173.53 or a Class B explosive as defined in 49 CFR 173.88.

(b) A solid waste that exhibits the characteristic of reactivity has the EPA Hazardous Waste Number of D003.

Characteristics of Hazardous Waste: Toxicity (D004-D0043) 40 CFR - CHAPTER I - 261.24

(a) A solid waste (except manufactured gas plant waste) exhibits the characteristic of toxicity if, using the Toxicity Characteristic Leaching Procedure, test Method 1311 in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846, as incorporated by reference in § 260.11 of this chapter, the extract from a representative sample of the waste contains any of the contaminants listed in table 1 at the concentration equal to or greater than the respective value given in that table. Where the waste contains less than 0.5 percent filterable solids, the waste itself, after filtering using the methodology outlined in Method 1311, is considered to be the extract for the purpose of this section.

(b) A solid waste that exhibits the characteristic of toxicity has the EPA Hazardous Waste Number specified in Table I which corresponds to the toxic contaminant causing it to be hazardous.

Table I--Maximum Concentration of Contaminants for the Toxicity Characteristic

EPA HW No.\1\	Contaminant	Regulatory	
		CAS No.\2\	Level (mg/L)
D004	Arsenic.....	7440-38-2	5.0
D005	Barium.....	7440-39-3	100.0
D018	Benzene.....	71-43-2	0.5
D006	Cadmium.....	7440-43-9	1.0
D019	Carbon tetrachloride.....	56-23-5	0.5
D020	Chlordane.....	57-74-9	0.03
D021	Chlorobenzene.....	108-90-7	100.0
D022	Chloroform.....	67-66-3	6.0
D007	Chromium.....	7440-47-3	5.0
D023	o-Cresol.....	95-48-7	\4\200.0
D024	m-Cresol.....	108-39-4	\4\200.0
D025	p-Cresol.....	106-44-5	\4\200.0
D026	Cresol.....	\4\200.0
D016	2,4-D.....	94-75-7	10.0
D027	1,4-Dichlorobenzene.....	106-46-7	7.5
D028	1,2-Dichloroethane.....	107-06-2	0.5
D029	1,1-Dichloroethylene.....	75-35-4	0.7
D030	2,4-Dinitrotoluene.....	121-14-2	\3\0.13
D012	Endrin.....	72-20-8	0.02
D031	Heptachlor (and its epoxide).	76-44-8	0.008
D032	Hexachlorobenzene.....	118-74-1	\3\0.13
D033	Hexachlorobutadiene.....	87-68-3	0.5
D034	Hexachloroethane.....	67-72-1	3.0
D008	Lead.....	7439-92-1	5.0
D013	Lindane.....	58-89-9	0.4
D009	Mercury.....	7439-97-6	0.2
D014	Methoxychlor.....	72-43-5	10.0
D035	Methyl ethyl ketone.....	78-93-3	200.0
D036	Nitrobenzene.....	98-95-3	2.0
D037	Pentachlorophenol.....	87-86-5	100.0
D038	Pyridine.....	110-86-1	\3\5.0
D010	Selenium.....	7782-49-2	1.0
D011	Silver.....	7440-22-4	5.0
D039	Tetrachloroethylene.....	127-18-4	0.7
D015	Toxaphene.....	8001-35-2	0.5
D040	Trichloroethylene.....	79-01-6	0.5
D041	2,4,5-Trichlorophenol.....	95-95-4	400.0
D042	2,4,6-Trichlorophenol.....	88-06-2	2.0
D017	2,4,5-TP (Silvex).....	93-72-1	1.0
D043	Vinyl chloride.....	75-01-4	0.2

\1\Hazardous waste number.

\2\Chemical abstracts service number.

\3\Quantitation limit is greater than the calculated regulatory level.

The quantitation limit therefore becomes the regulatory level.

\4\If o-, m-, and p-Cresol concentrations cannot be differentiated, the total cresol (D026) concentration is used. The regulatory level of total cresol is 200 mg/l.

California List of Hazardous Waste

(California Code of Regulations, Title 22 Section 66261.126)

Appendix X - List of Chemical Names and Common Names for Hazardous Wastes and Hazardous Materials

(a) This subdivision sets forth a list of chemicals which create a presumption that a waste is a hazardous waste. If a waste consists of or contains a chemical listed in this subdivision, the waste is presumed to be a hazardous waste Environmental Regulations of CALIFORNIA unless it is determined that the waste is not a hazardous waste pursuant to the procedures set forth in section 66262.11. The hazardous characteristics which serve as a basis for listing the chemicals are indicated in the list as follows:

(X) toxic (C) corrosive (I) ignitable (R) reactive * =Extremely Hazardous

A chemical denoted with an asterisk is presumed to be an extremely hazardous waste unless it does not exhibit any of the criteria set forth in section 66261.110 and section 66261.113.

1. Acetaldehyde (X,I)	23B. *Aluminum chloride (anhydrous) (X,C,R)	45. n-Amylene, 1-Pentene (and isomers) (X,I)
2. Acetic acid (X,C,I)	24. Aluminum fluoride (X,C)	46. n-Amyl mercaptan, 1-Pentanethiol (and isomers) (X,I)
3. Acetone, Propanone (I)	25. Aluminum nitrate (X,I)	47. n-Amyl nitrite, n-Pentyl nitrite (and isomers) (X,I)
4. *Acetone cyanohydrin (X)	26. *Aluminum phosphide, PHOSTOXIN (X,I,R)	48. *Amyl trichlorosilane (and isomers) (X,C,R)
5. Acetonitrile (X,I)	27. *4-Aminodiphenyl, 4-ADP (X)	49. Aniline, Aminobenzene (X)
6. *2-Acetylaminofluorene, 2-AAF (X)	28. *2-Aminopyridine (X)	50. Anisoyl chloride (X,C)
7. Acetyl benzoyl peroxide (X,I,R)	29. *Ammonium arsenate (X)	51. Anthracene (X)
8. *Acetyl chloride (X,C,R)	30. *Ammonium bifluoride (X,C)	52. Antimony (X)
9. Acetyl peroxide (X,I,R)	31. Ammonium chromate (X,I)	53. Antimony compounds (X)
10. Acridine (X)	32. Ammonium dichromate, Ammonium bichromate (X,C,I)	54. *Antimony pentachloride (X,C,R)
11. *Acrolein, Aqualin (X,I)	33. Ammonium fluoride (X,C)	55. *Antimony pentafluoride (X,C,R)
12. *Acrylonitrile (X,I)	34. Ammonium hydroxide (X,C)	56. Antimony pentasulfide (X,I)
13. *Adiponitrile (X)	35. Ammonium molybdate (X)	57. Antimony potassium tartrate (X)
14. *Aldrin; 1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4,5,8-endo-exodimethanonaphthlene (X)	36. Ammonium nitrate (I,R)	58. Antimony sulfate, Antimony trisulfate (X,I)
15. *Alkyl aluminum chloride (C,I,R)	37. Ammonium perchlorate (I,R)	59. Antimony trichloride, Antimony chloride (X,C)
16. *Alkyl aluminum compounds (C,I,R)	38. Ammonium permanganate (X,I,R)	60. Antimony trifluoride, Antimony fluoride (X,C)
17. Allyl alcohol, 2-Propen-1-ol (X,I)	39. Ammonium persulfate (I,R)	61. Antimony trioxide, Antimony oxide (X)
18. Allyl bromide, 3-Bromopropene (X,I)	40. Ammonium picrate (I,R)	62. Antimony trisulfide, Antimony sulfide (X,I,R)
19. Allyl chloride, 3-Chloropropene (X,I)	41. Ammonium sulfide (X,C,I,R)	63. *Arsenic (X)
20. Allyl chlorocarbonate, Allyl chloroformate (X,I)	42. n-Amyl acetate, 1-Acetoxyptentane (and isomers) (X,I)	64. *Arsenic acid and salts (X)
21. *Allyl trichlorosilane (X,C,I,R)	43. n-Amylamine, 1-Aminopentane (and isomers) (X,I)	65. *Arsenic compounds (X)
22. Aluminum (powder) (I)	44. n-Amyl chloride, 1-Chloropentane (and isomers) (X,I)	
23A. Aluminum chloride (X,C)		

66. *Arsenic pentaselenide (X)
67. *Arsenic pentoxide, Arsenic oxide (X)
68. *Arsenic sulfide, Arsenic disulfide (X)
69. *Arsenic tribromide, Arsenic bromide (X)
70. *Arsenic trichloride, Arsenic chloride (X)
71. *Arsenic triiodide, Arsenic iodide (X)
72. *Arsenic trioxide, Arsenious oxide (X)
73. *Arsenious acid and salts (X)
74. *Arsines (X)
75. Asbestos (including chrysotile, amosite, crocidolite, tremolite, anthophyllite, and actinolite) (X)
76. *AZODRIN, 3-Hydroxy-N-cis-crotonamide (X)
77. Barium (X,I)
78. Barium azide (I,R)
79. Barium bromide (X)
80. Barium carbonate (X)
81. Barium chlorate (X,C,I,R)
82. Barium chloride (X)
83. Barium chromate (X)
84. Barium citrate (X)
85. Barium compounds (soluble) (X)
86. *Barium cyanide (X)
87. Barium fluoride (X)
88. Barium fluosilicate (X)
89. Barium hydroxide (X)
90. Barium iodide (X)
91. Barium manganate (X)
92. Barium nitrate (X,I)
93. Barium oxide, Barium monoxide (X)
94. Barium perchlorate (X,I,R)
95. Barium permanganate (X,I,R)
96. Barium peroxide (X,I,R)
97. Barium phosphate (X)
98. Barium stearate (X)
99. Barium sulfide (X)
100. Barium sulfite (X)
101. Benzene (X,I)
102. *Benzene hexachloride, BHC; 1,2,3,4,5,6-Hexachlorocyclohexane (X)
103. *Benzene phosphorous dichloride (I,R)
104. Benzenesulfonic acid (X)
105. *Benzidine and salts (X)
106. *Benzotrifluoride, Trifluoromethylbenzene (X,I)
107. *Benzoyl chloride (X,C,R)
108. Benzoyl peroxide, Dibenzoyl peroxide (X,I,R)
109. Benzyl bromide, alpha-Bromotoluene (X,C)
110. Benzyl chloride, alpha-Chlorotoluene (X)
111. *Benzyl chlorocarbonate, Benzyl chloroformate (X,C,R)
112. *Beryllium (X,I)
113. *Beryllium chloride (X)
114. *Beryllium compounds (X)
115. *Beryllium copper (X)
116. *Beryllium fluoride (X)
117. *Beryllium hydride (X,C,I,R)
118. *Beryllium hydroxide (X)
119. *Beryllium oxide (X)
120. *BIDRIN, Dicrotophos, 3-(Dimethylamino)-1-methyl-3-oxo-1-propenyldimethyl phosphate (X)
121. *bis (Chloromethyl) ether, Dichloromethylether, BCME (X)
122. Bismuth (X,I)
123. *bis (Methylmercuric) sulfate, CEREWET, Ceresan liquid (X)
124. Bismuth chromate (X)
125. *BOMYL, Dimethyl 3-hydroxyglutaconate dimethyl phosphate (X)
126. *Boranes (X,I,R)
127. *Bordeaux arsenites (X)
128. *Boron trichloride, Trichloroborane (X,C,R)
129. *Boron trifluoride (X,C,R)
130. Bromic acid (X)
131. *Bromine (X,C,I)
132. *Bromine pentafluoride (X,C,I,R)
133. *Bromine trifluoride (X,C,I,R)
134. *Brucine, Dimethoxystrychnine (X)
135. 1,2,4-Butanetriol trinitrate (R)
136. n-Butyl acetate, 1-Acetoxybutane (and isomers) (X)
137. n-Butyl alcohol, 1-Butanol (and isomers) (X)
138. n-Butyl amine, 1-Aminobutane (and isomers) (X)
139. n-Butyl formate (and isomers) (X)
140. tert-Butyl hydroperoxide (and isomers) (X,I)
141. *n-Butyllithium (and isomers) (X,C,I,R)
142. n-Butyl mercaptan, 1-Butanethiol (and isomers) (X,I)
143. tert-Butyl peroxyacetate, tert-Butyl peracetate (I,R)
144. tert-Butyl peroxybenzoate, tert-Butyl perbenzoate (I,R)
145. tert-Butyl peroxyphosphate (I,R)
146. *n-Butyltrichlorosilane (C,I,R)

147. para-tert-Butyl toluene (X)
148. n-Butyraldehyde, n-Butanal (and isomers) (X,I)
149. *Cacodylic acid, Dimethylarsinic acid (X)
150. *Cadmium (powder) (X,I)
151. Cadmium chloride (X)
152. *Cadmium compounds (X)
153. *Cadmium cyanide (X)
154. Cadmium fluoride (X)
155. Cadmium nitrate (X,I,R)
156. Cadmium oxide (X)
157. Cadmium phosphate (X)
158. Cadmium sulfate (X)
159. *Calcium (I,R)
160. *Calcium arsenate, PENSAL (X)
161. *Calcium arsenite (X)
162. *Calcium carbide (C,I,R)
163. Calcium chlorate (I,R)
164. Calcium chlorite (I)
165. Calcium fluoride (X)
166. *Calcium hydride (C,I,R)
167. Calcium hydroxide, Hydrated lime (C)
168. *Calcium hypochlorite, Calcium oxychloride (dry) (X,C,I,R)
169. Calcium molybdate (X)
170. Calcium nitrate, Lime nitrate, Nitrocalcite (I,R)
171. Calcium oxide, Lime (C)
172. Calcium permanganate (X,I)
173. Calcium peroxide, Calcium dioxide (C,I)
174. *Calcium phosphide (X,I,R)
175. Calcium resinate (I)
176. Caprylyl peroxide, Octyl peroxide (I)
177. *Carbanolate, BANOL, 2-Chloro-4,5-dimethylphenyl methylcarbamate (X)
178. Carbon disulfide, Carbon bisulfide (X,I)
179. Carbon tetrachloride, Tetrachloromethane (X)
180. *Carbophenothion, TRITHION, S[[[(4-Chlorophenyl) thio]methyl] O,O-diethyl phosphorodithioate (X)
181. Chloral hydrate, Trichloroacetaldehyde (hydrated) (X)
182. *Chlordane; 1,2,4,5,6,7,8,8-Octachloro-4,7-methano-3a,4,7,7a-tetrahydro- indane; (X)
183. *Chlorfenvinphos, Compound 4072, 2-Chloro-1-(2,4-dichloro-phenyl) vinyl diethyl phosphate (X)
184. *Chlorine (X,C,I,R)
185. *Chlorine dioxide (X,C,I,R)
186. *Chlorine pentafluoride (X,C,I,R)
187. *Chlorine trifluoride (X,C,I,R)
188. *Chloroacetaldehyde (X,C)
189. *alpha-Chloroacetophenone, Phenyl chloromethyl ketone (X)
190. *Chloroacetyl chloride (X,C,R)
191. Chlorobenzene (X,I)
192. para-Chlorobenzoyl peroxide (I,R)
193. *ortho-Chlorobenzylidene malonitrile, OCMB (X)
194. Chloroform, Trichloromethane (X)
195. *Chloropicrin, Chloropicrin, Trichloronitromethane (X)
196. *Chlorosulfonic acid (X,C,I,R)
197. Chloro-ortho-toluidine, 2-Amino-4-chlorotoluene (X)
198. Chromic acid, Chromium trioxide, Chromic anhydride (X,C,I)
199. Chromic chloride, Chromium trichloride (X)
200. Chromic fluoride, Chromium trifluoride (X)
201. Chromic hydroxide, Chromium hydroxide (X)
202. Chromic oxide, Chromium oxide (X)
203. Chromic sulfate, Chromium sulfate (X)
204. Chromium compounds (X,C,I)
205. *Chromyl chloride, Chlorochromic anhydride (X,C,I,R)
206. Cobalt (powder) (X,I)
207. Cobalt compounds (X)
208. Cobaltous bromide, Cobalt bromide (X)
209. Cobaltous chloride, Cobalt chloride (X)
210. Cobaltous nitrate, Cobalt nitrate (X,I)
211. Cobaltous resinate, Cobalt resinate (X,I)
212. Cobaltous sulfate, Cobalt sulfate (X)
213. Cocculus, Fishberry, Picrotoxin (X)
215. *Copper acetoarsenite, Paris green (X)
216. Copper acetylide (I,R)
217. *Copper arsenate, Cupric arsenate (X)
218. *Copper arsenite, Cupric arsenite (X)
219. Copper chloride, Cupric chloride (X)
220. Copper chlorotetrazole (I,R)
221. Copper compounds (X)
222. *Copper cyanide, cupric cyanide (X)
223. Copper nitrate, Cupric nitrate (X,I,R)
224. Copper sulfate, Cupric sulfate, Blue vitriol (X)
225. *Coroxon; ortho,ortho-Diethyl-ortho-(3-chloro-4-methylcou-marin-7-yl) phosphate (X)

226. *Coumafuryl, FUMARIN, 3-[1-(2-Furanyl)-3-oxobutyl] 1-4-hydroxy-2H-1-benzopyran-2-one (X)
227. *Coumatetralyl, BAYER 25634, RACUMIN 57, 4-Hydroxy-3-(1,2,3,4-tetrahydro-1-naphthalenyl)-2H-1-benzopyran-2-one (X)
228. *Crimidine, CASTRIX, 2-Chloro-4-dimethylamino-6-methyl-pyrimidine (X)
229. *Crotonaldehyde, 2-Butenal (X)
230. Cumene, Isopropyl benzene (X,I)
231. Cumene hydroperoxide; alpha,alpha-Dimethylbenzyl hydro-peroxide (X,I)
232. Cupriethylene diamine (X)
233. *Cyanide salts (X)
234. Cyanoacetic acid, Malonic nitrile (X)
235. *Cyanogen (X,I,R)
236. Cyanogen bromide, Bromine cyanide (X)
237. Cyanuric triazide (I,R)
238. Cycloheptane (X,I)
239. Cyclohexane (X,I)
240. Cyclohexanone peroxide (I)
241. *Cyclohexenyltrichlorosilane (X,C,R)
242. *Cycloheximide, ACTIDIONE (X)
243. *Cyclohexyltrichlorosilane (X,C,R)
244. Cyclopentane (X,I)
245. Cyclopentanol (I)
246. Cyclopentene (X,I)
247. DDT; 1,1,1-Trichloro-2,2-bis(chlorophenyl) ethane (X)
248. *DDVP, Dichlorvos, VAPONA, Dimethyl dichlorovinyl phosphate (X)
249. *Decaborane (X,I,R)
250. DECALIN, Decahydronaphthalene (X)
251. *Demeton, SYSTOX (X)
252. *Demeton-S-methyl sulfone, METAISOSYSTOX-SULFON, S-[2-(ethyl-sulfonyl) ethyl] O,O-dimethyl phosphorothioate (X)
253. Diazodinitrophenol, DDNP, 2-Diazo-4,6-dinitrobenzene-1-oxide (I,R)
254. *Diborane, Diboron hexahydride (I,R)
255. *1,2-Dibromo-3-chloropropane, DBCP, Fumazone, nemagon (X)
256. n-Dibutyl ether, Butyl ether (and isomers) (X,I)
257. Dichlorobenzene (ortho, meta, para) (X)
258. *3,3-Dichlorobenzidine and salts, DCB (X)
259. 1,2-Dichloroethylene; 1,2-Dichloroethene (X,I)
260. Dichloroethyl ether, Dichloroether (X,I)
261. Dichloroisocyanuric acid, Dichloro-S-triazine-2,4,6-tri-one (X,I)
262. Dichloromethane, Methylene chloride (X)
263. *2,4-Dichlorophenoxyacetic acid; 2,4-D (X)
264. 1,2-Dichloropropane, Propylene dichloride (X,I)
265. 1,3-Dichloropropylene; 1,3-Dichloropropene (X,I)
266. Dicumyl peroxide (I,X)
267. *Dieldrin; 1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo, exo-5,8-dimethanonaphthalene (X)
268. *Diethylaluminum chloride, Aluminum diethyl monochloride, DEAC (I,R)
269. Diethylamine (X,I)
270. *Diethyl chlorovinyl phosphate, Compound 1836 (X)
271. *Diethyldichlorosilane (X,C,I,R)
272. Diethylene glycol dinitrate (I,R)
273. Diethylene triamine (X)
274. *O,O-Diethyl-S-(isopropylthiomethyl) phosphorodithioate (X)
275. *Diethylzinc, Zinc ethyl (C,I,R)
276. *Difluorophosphoric acid (X,C,R)
277. *Diglycidyl ether, bis(2,3-Epoxypropyl) ether (X)
278. Diisopropylbenzene hydroperoxide (X,I)
279. Diisopropyl peroxydicarbonate, Isopropyl percarbonate(X,C,I,R)
280. *Dimefox, Hanane, Pextox 14, Tetramethylphosphorodiamidic fluoride (X)
281. Dimethylamine, DMA (X,I)
282. *Dimethylaminoazobenzene, Methyl yellow (X)
283. *Dimethyldichlorosilane, Dichlorodimethylsilane (X,C,I,R)
284. 2,5-Dimethylhexane-2,5-Dihydroperoxide (I)
285. *1,1-Dimethylhydrazine, UDMH (X,I)
286. *Dimethyl sulfate, Methyl sulfate (X)
287. *Dimethyl sulfide, Methyl sulfide (X,I,R)
288. 2,4-Dinitroaniline (X)
289. *Dinitrobenzene (ortho, meta, para) (I,R)
290. Dinitrochlorobenzene, 1-Chloro-2,4-dinitrobenzene (I,R)
291. *4,6-Dinitro-ortho-cresol, DNPC, SINOX, EGETOL 30 (X)
292. *Dinitrophenol(2,3-;2,4-;2,6-isomers) (I,R)
293. 2,4-Dinitrophenylhydrazine (X,I,R)
294. Dinitrotoluene (2,4-;3,4-;3,5-isomers) (X,I,R)
295. *DINOSEB; 2,4-Dinitro-6-sec-butylphenol (X)
296. 1,4-Dioxane; 1,4-Diethylene dioxide (X,I,R)

297. *Dioxathion, DELNAV; S,S-1,4-dioxane-2,3-diyl bis (O,O-diethyl phosphorodithioate) (X)
298. Dipentaerythritol hexanitrate (R)
299. *Diphenyl, Biphenyl, Phenylbenzene (X)
300. Diphenylamine, DPA, N-Phenylaniline (X)
301. *Diphenylamine chloroarsine, Phenarsazine chloride (X)
302. *Diphenyldichlorosilane (X,C,R)
303. Dipicrylamine, Hexanitrodiphenyl amine (I,R)
304. Dipropyl ether (X,I)
305. *Disulfoton, DI-SYSTON; O,O-Diethyl S-[2-(ethylthio) ethyl] phosphorodithioate (X)
306. *Dodecyltrichlorosilane (X,C,R)
307. *DOWCO-139, ZECTRAM, Mexacarbate, 4-(Dimethylamino)-3,5-dimethylphenyl methylcarbamate (X)
309. *DYFONATE, Fonofos, O-Ethyl-S-phenylethyl phosphonodithio-ate (X)
310. *Endosulfan, THIODAN; 6,7,8,9, 10, 10-Hexachlor-1, 5,5a, 6,9, 9a-hexa-hydro-6,9-methano-2,4,3-benzo-dioxathiepin- 3-oxide (X)
311. *Endothal, 7-Oxabicyclo [2.2.1]heptane-2,3-dicarboxylic acid (X)
312. *Endothion, EXOTHION, S- [(5-Methoxy-4-oxo-4H-pyran-2-yl). methyl] 0,0-dimethyl phosphorothioate (X)
313. *Endrin; 1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4,4a,5,6,7, 8,8a-octahydro-1,4-endo-endo-5,8-dimethanonaphthalene (X)
314. Epichlorohydrin, Chloropropylene oxide (X,I)
315. *EPN; O-Ethyl O-para-nitrophenyl phenylphosphonothioate (X)
316. *Ethion, NIALATE; O,O,O',O'-Tetraethyl-S,S-methylenediphosphorodithioate (X)
317. Ethyl acetate (X,I)
318. Ethyl alcohol, Ethanol (X,I)
319. Ethylamine, Aminoethane (X,I)
320. Ethylbenzene, Phenylethane (X,I)
321. Ethyl butyrate, Ethyl butanoate (I)
322. Ethyl chloride, Chloroethane (X,I)
323. *Ethyl chloroformate, Ethyl chlorocarbonate (X,C,I,R)
324. *Ethylchloroarsine, Dichloroethylarsine (I,R)
325. *Ethylchlorosilane (X,C,I,R)
326. *Ethylene cyanohydrin, beta-Hydroxypropionitrile (I,R)
327. Ethylene diamine (X)
328. Ethylene dibromide; 1,2-Dibromoethane (X)
329. Ethylene dichloride; 1,2-Dichloroethane (X,I)
330. *Ethyleneimine, Aziridine, EI (X,I,R)
331. Ethylene oxide, Epoxyethane (X,I,R)
332. Ethyl ether, Diethyl ether (I,R)
333. Ethyl formate (X,I)
334. *Ethyl mercaptan, Ethanethiol (X,I,R)
335. Ethyl nitrate (I,R)
336. Ethyl nitrite (I,R)
337. *Ethylphenyldichlorosilane (X,C,R)
338. Ethyl propionate (I)
339. *Ethyltrichlorosilane (I,R)
340. *Fensulfothion, BAYER 25141, DASANIT, O,O-Diethyl-O-[4-(methylsulfinyl)phenyl] phosphorothioate (X)
341. *Ferric arsenate (X)
342. Ferric chloride, Iron (III) chloride (X,C)
343. *Ferrous arsenate, Iron arsenate (X)
344. *Fluoboric acid, Fluoroboric acid (X,C)
345. Fluoride salts (X)
346. *Fluorine (X,C,R)
347. *Fluoroacetanilide, AFL 1082 (X)
348. *Fluoroacetic acid and salts, Compound 1080 (X)
349. *Fluorosulfonic acid, Fluosulfonic acid (X,C,R)
350. Formaldehyde, Methanal (X,I)
351. Formic acid, Methanoic acid (X,C)
352. Fulminate of mercury, Mercuric cyanate (I,R)
353. *FURADAN, NIA 10,242, Carbofuran; 2,3-Dihydro-2,2-dimethyl-7-benzofuranylmethylcarbamate (X)
354. Furan, Furfuran (X,I,R)
355. Gasoline (I)
356. *GB, O-Isopropyl methyl phosphoryl fluoride (X)
357. Glutaraldehyde (X)
358. Glycerolmonolactate trinitrate (R)
359. Glycol dinitrate, Ethylene glycol dinitrate (R)
360. Gold fulminate, Gold cyanate (R)
361. Guanidine nitrate (I,R)
362. Guanyl nitrosaminoguanilydene hydrazine (R)
363. *Guthion; O,O-Dimethyl-S-4-oxo-1,2,3-benzotriazin-3(4H)-ylmethyl phosphorodithioate (X)
364. Hafnium (I,X,R)
365. *Heptachlor; 1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetra-hydro-4,7-methanoindene (X)
366. n-Heptane (and isomers) (X,I)
367. 1-Heptene (and isomers) (X,I)
368. *Hexadecyltrichlorosilane (X,C,R)
369. Hexaethyl tetraphosphate, HETP (X)
370. Hexafluorophosphoric acid (X,C)

371. Hexamethylenediamine; 1,6-Diaminohexane (X)
372. n-Hexane (and isomers) (X,I)
373. 1-Hexene (and isomers) (X,I)
374. n-Hexylamine, 1-Aminohexane (and isomers) (X,I)
375. *Hexyltrichlorosilane (X,C,R)
376. *Hydrazine, Diamine (X,I)
377. Hydrazine azide (I,R)
378. Hydrazoic acid, Hydrogen azide (I,R)
379. *Hydriodic acid, Hydrogen iodide (X,C,R)
380. *Hydrobromic acid, Hydrogen bromide (X,C,R)
381. *Hydrochloric acid, Hydrogen chloride, Muriatic Acid (X,C,R)
382. *Hydrocyanic acid, Hydrogen cyanide (X,I,R)
383. *Hydrofluoric acid, Hydrogen fluoride (X,C,R)
384. Hydrofluosilicic acid, Fluosilicic acid (X,C)
385. Hydrogen peroxide (X,C,I,R)
386. *Hydrogen selenide (X,I)
387. *Hydrogen sulfide (X,I)
388. *Hypochlorite compounds (X,C,I,R)
389. Indium (X)
390. Indium compounds (X)
391. Iodine monochloride (X,C,R)
392. Isooctane; 2,2,4-Trimethylpentane (X,I)
393. Isooctene (mixture of isomers) (I)
394. Isopentane, 2-Methylbutane (I)
395. Isoprene, 2-Methyl-1,3-butadiene (X,I,R)
396. Isopropanol, Isopropyl alcohol, 2-Propanol (X,I)
397. Isopropyl acetate (X,I)
399. Isopropylamine, 2-Aminopropane (X,I)
400. Isopropyl chloride, 2-Chloropropane (I)
401. Isopropyl ether, Diisopropyl ether (I,R)
402. Isopropyl mercaptan, 2-Propanethiol (X,I)
404. *meta-Isopropylphenyl-N-methylcarbamate, Ac 5,727 (X)
- 405A. *Kepone; 1,1a,3,3a,4,5,5a,5b,6-Decachlorooctahydro-1,2,4-metheno-2H-cyclobuta (cd) pentalen-2-one, Chlorecone (X)
- 405B. Lauroyl peroxide, Di-n-dodecyl peroxide (X,C,I,R)
406. Lead compounds (X)
407. Lead acetate (X)
408. *Lead arsenate, Lead orthoarsenate (X)
409. *Lead arsenite (X)
410. Lead azide (I,R)
411. Lead carbonate (X)
412. Lead chlorite (I,R)
413. *Lead cyanide (X)
414. Lead 2,4-dinitroresorcinate (I,R)
415. Lead mononitroresorcinate (I,R)
416. Lead nitrate (X,I)
417. Lead oxide (X)
418. Lead styphnate, Lead trinitroresorcinate (I,R)
419. *Lewisite, beta-Chlorovinyl-dichloroarsine (X)
420. *Lithium (C,I,R)
421. *Lithium aluminum hydride, LAH (C,I,R)
422. *Lithium amide (C,I,R)
423. *Lithium ferrosilicon (I,R)
424. *Lithium hydride (C,I,R)
425. *Lithium hypochlorite (X,C,I,R)
426. Lithium peroxide (C,I,R)
427. Lithium silicon (I,R)
428. *London purple, Mixture of arsenic trioxide, aniline, lime, and ferrous oxide (X)
429. *Magnesium (I,R)
430. *Magnesium arsenate (X)
431. *Magnesium arsenite (X)
432. Magnesium chlorate (I,R)
433. Magnesium nitrate (I,R)
434. Magnesium perchlorate (X,I,R)
435. Magnesium peroxide, Magnesium dioxide (I)
436. *Maleic anhydride (X)
437. Manganese (powder) (I)
438. Manganese acetate (X)
439. *Manganese arsenate, Manganous arsenate (X)
440. Manganese bromide, Manganous bromide (X)
441. Manganese chloride, Manganous chloride (X)
442. Manganese methylcyclopentadienyl tricarbonyl (X)
443. Manganese nitrate, Manganous nitrate (X,I)
444. Mannitol hexanitrate, Nitromannite (R)
445. *MECARBAM; O,O-Diethyl S-(N-ethoxycarbonyl-N-methylcarbamoyl-methyl) phosphorodithioate (X)
446. *Medinoterb acetate, 2-tert-Butyl-5-methyl-4,6-dinitro-phenyl acetate (X)
447. para-Menthane hydroperoxide, Paramenthane hydroperoxide (I)
448. Mercuric acetate, Mercury acetate (X)
449. Mercuric ammonium chloride, Mercury ammonium chloride (X)

450. Mercuric benzoate, Mercury benzoate (X)
451. Mercuric bromide, Mercury bromide (X)
452. *Mercuric chloride, Mercury chloride (X)
453. *Mercuric cyanide, Mercury cyanide (X)
454. Mercuric iodide, Mercury iodide (X)
455. Mercuric nitrate, Mercury nitrate (X,I)
456. Mercuric oleate, Mercury oleate (X)
457. Mercuric oxide (red and yellow) (X,I)
458. Mercuric oxycyanide (I,R)
459. Mercuric-potassium iodide, Mayer's reagent (X)
460. Mercuric salicylate, Salicylated mercury (X)
461. Mercuric subsulfate, Mercuric dioxysulfate (X)
462. Mercuric sulfate, Mercury sulfate (X)
463. Mercuric thiocyanide, Mercury thiocyanate (X)
464. Mercuriol, Mercury nucleate (X)
465. Mercurous bromide (X)
466. Mercurous gluconate (X)
467. Mercurous iodide (X)
468. Mercurous nitrate (I,R)
469. Mercurous oxide (X)
470. Mercurous sulfate, Mercury bisulfate (X)
472. *Mercury (X)
473. *Mercury compounds (X)
474. Metal carbonyls (X)
475. *Metal hydrides (I,R)
476. Metal powders (X,I)
- 477A. *Methomyl, LANNATE, S-Methyl-N-((methyl-carbamoyl) oxy)thioacetimidate (X)
- 477B. *Methoxychlor; 1,1,1-Trichloro-2, -bis (p-methoxyphenyl) ethane, CHEMFLOM, MARLATE (X)
478. *Methoxyethylmercuric chloride, AGALLOL, ARETAN (X)
479. Methyl acetate (X,I)
480. Methyl acetone (Mixture of acetone, methyl acetate, and methylalcohol) (X,I)
481. Methyl alcohol, Methanol (X,I)
482. *Methylaluminum sesquibromide (I,R)
483. *Methylaluminum sesquichloride (I,R)
484. Methylamine, Aminomethane (X,I)
485. n-Methylaniline (X)
486. *Methyl bromide, Bromomethane (X)
487. 2-Methyl-1-butene (I)
488. 3-Methyl-1-butene (I)
489. Methyl butyl ether (and isomers) (X,I)
490. Methyl butyrate (and isomers) (X,I)
491. Methyl chloride, Chloromethane (X,I)
492. *Methyl chloroformate, Methyl chlorocarbonate (X,I,R)
493. *Methyl chloromethyl ether, CMME (X,I)
494. Methylcyclohexane (X,I)
495. *Methyldichloroarsine (X)
496. *Methyldichlorosilane (X,I,R)
497. *4,4-Methylene bis(2-chloroaniline), MOCA (X)
498. Methyl ethyl ether (X,I)
499. Methyl ethyl ketone, 2-Butanone (X,I)
500. Methyl ethyl ketone peroxide (X,I)
501. Methyl formate (X,I)
502. *Methyl hydrazine, Monomethyl hydrazine, MMH (X,I)
503. *Methyl isocyanate (X,I)
504. Methyl isopropenyl ketone, 3-Methyl-3-butene-2-one (X,I)
505. *Methylmagnesium bromide (C,I,R)
506. *Methylmagnesium chloride (C,I,R)
507. *Methylmagnesium iodide (C,I,R)
508. Methyl mercaptan, Methanethiol (X,I)
509. Methyl methacrylate (monomer) (X,I)
510. *Methyl parathion; O,O-Dimethyl-O-para-nitrophenylphospho-rothioate (X)
511. Methyl propionate (I)
512. *Methyltrichlorosilane (X,C,I,R)
513. Methyl valerate, Methyl pentanoate (and isomers) (I)
514. Methyl vinyl ketone, 3-Butene-2-one (X,I)
- 515A. *Mevinphos, PHOSDRIN, 2-Carbomethoxy-1-methylvinyl dimethyl phosphate (X)
- 515B. *Mirex; 1,1a,2,2,3,3a,4,5,5,5a,5b,6-Dodecachlorooctahydro-1,3,4-metheno-1H-cyclobuta (cd) pentalene, Dechlorane (X)
516. *MOCAP, O-Ethyl-S,S-dipropyl phosphorodithioate (X)
517. Molybdenum (powder) (I)
518. Molybdenum trioxide, Molybdenum anhydride (X)
519. Molybdic acid and salts (X)
520. Monochloroacetic acid, Chloroacetic acid, MCA (X,C)
521. Monochloroacetone, Chloroacetone, 1-Chloro-2-propanone (X)
522. Monofluorophosphoric acid (X,C)
523. Naphtha (of petroleum or coal tar origin), Petroleum ether, Petroleum naphtha (X,I)
524. Naphthalene (X)

525. *alpha-Naphthylamine, 1-NA (X)
526. *beta-Naphthylamine, 2-NA (X)
527. Neohexane; 2,2-Dimethylbutane (X,I)
528. Nickel (powder) (X,I)
529. Nickel acetate (X)
530. Nickel antimonide (X)
531. *Nickel arsenate, Nickelous arsenate (X)
532. *Nickel carbonyl, Nickel tetracarbonyl (X)
533. Nickel chloride, Nickelous chloride (X)
534. *Nickel cyanide (X)
535. Nickel nitrate, Nickelous nitrate (X,I,R)
536. Nickel selenide (X)
537. Nickel sulfate (X)
538. Nicotine, beta-pyridyl-alpha-N-methyl pyrrolidine (X)
539. Nicotine salts (X)
540. Nitric acid (X,C,I)
541. Nitroaniline, Nitraniline (ortho, meta, para) (I,R)
542. *Nitrobenzol, Nitrobenzene (X)
543. *4-Nitrobiphenyl, 4-NBP (X)
544. Nitro carbo nitrate (I,R)
545. Nitrocellulose, Cellulose nitrate, Guncotton, Pyroxylin, Collodion, Pyroxylin (nitrocellulose) in ether and alcohol (I,R)
546. Nitrochlorobenzene, Chloronitrobenzene (ortho,meta,para) (X)
547. Nitrogen mustard (X,C)
548. Nitrogen tetroxide, Nitrogen dioxide (X,I)
549. Nitroglycerin, Trinitroglycerin (X,I,R)
550. Nitrohydrochloric acid, Aqua regia (X,C,I)
551. *Nitrophenol (ortho, meta, para) (X)
552. *N-Nitrosodimethylamine, Dimethyl nitrosoamine (X)
553. Nitrosoguanidine (R)
554. Nitrostarch, Starch nitrate (I,R)
555. Nitroxylol, Nitroxylene, Dimethylnitrobenzene (2,4-;3,4-; 2,5-isomers) (X)
556. 1-Nonene, 1-Nonylene (and isomers) (X,I)
557. *Nonyltrichlorosilane (I,R)
558. *Octadecyltrichlorosilane (I,R)
559. n-Octane (and isomers) (X,I)
560. 1-Octene, 1-Caprylene (X,I)
561. *Octyltrichlorosilane (I,R)
563. *Oleum, Fuming sulfuric acid (X,C,R)
565. Osmium compounds (X)
566. Oxalic acid (X)
567. *Oxygen difluoride (X,C,R)
568. *Para-oxon, MINTACOL; O,O-Diethyl-0-para-nitrophenyl phosphate (X)
569. *Parathion; O,O-Diethyl-0-para-nitrophenyl phosphorothioate (X)
- 570A. *Pentaborane (X,I,R)
- 570B. Pentachlorophenol, PCP, DOWICIDE 7 (X)
571. Pentaerythrite tetranitrate, Pentaerythritol tetranitrate (R)
572. n-Pentane (and isomers) (X,I)
573. 2-Pentanone, Methyl propyl ketone (and isomers) (X,I)
574. Peracetic acid, Peroxyacetic acid (X,C,I,R)
575. Perchloric acid (X,C,I,R)
576. Perchloroethylene, Tetrachloroethylene (X)
577. *Perchloromethyl mercaptan, Trichloromethylsulfenyl chloride (X)
578. Perchloryl fluoride (X,C,I)
580. Phenol, Carboic acid (X,C)
581. *Phenyldichloroarsine (X)
582. Phenylenediamine, Diaminobenzene (ortho,meta,para) (X)
583. Phenylhydrazine hydrochloride (X)
584. *Phenylphenol, Orthozenol, DOWICIDE I (X)
585. *Phenyltrichlorosilane (I,R)
586. *Phorate, THIMET; O,O-Diethyl-S-[(Ethylthio)methyl] phosphorodithioate (X)
587. *Phosfolan, CYOLAN, 2-(Diethoxyphosphinylimino)-1, 3-dithio-lane (X)
588. *Phosgene, Carbonyl chloride (I,R)
589. *Phosphamidon, DIMECRON, 2-Chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate (X)
590. *Phosphine, Hydrogen phosphide (X,I)
591. Phosphoric acid (C)
592. Phosphoric anhydride, Phosphorus pentoxide (C,I)
593. Phosphorus (amorphous, red) (X,I,R)
594. *Phosphorus (white or yellow) (X,I,R)
595. *Phosphorus oxybromide, Phosphoryl bromide (X,C,R)
596. *Phosphorus oxychloride, Phosphoryl chloride (X,C,R)
597. *Phosphorus pentachloride, Phosphoric chloride (X,C,I,R)
598. *Phosphorus pentasulfide, Phosphoric sulfide (X,C,I,R)
599. *Phosphorus sesquisulfide, tetrphosphorus trisulfide (X,C,I,R)
600. *Phosphorus tribromide (X,C,R)
601. *Phosphorus trichloride (X,C,R)
602. Picramide, Trinitroaniline (I,R)
603. Picric acid, Trinitrophenol (I,R)
604. Picryl chloride, 2-Chloro-1,3,5-trinitrobenzene (I,R)

605. *Platinum compounds (X)
606. *Polychlorinated biphenyls, PCB, Askarel, aroclor, chlorextol, inerteen, pyranol (X)
607. Polyvinyl nitrate (I,R)
608. Potasan; O,O-Diethyl-o(4 methylumbelliferone) phosphoro-thioate (X)
609. *Potassium (C,I,R)
610. *Potassium arsenate (X)
611. *Potassium arsenite (X)
612. *Potassium bifluoride, Potassium acid fluoride (X,C)
613. Potassium binoxalate, Potassium acid oxalate (X)
614. Potassium bromate (X,I)
615. *Potassium cyanide (X)
616. Potassium dichloroisocyanurate (X,I)
617. Potassium dichromate, Potassium bichromate (X,C,I)
619. Potassium fluoride (X)
620. *Potassium hydride (C,I,R)
621. Potassium hydroxide, Caustic potash (X,C)
622. Potassium nitrate, Saltpeter (I,R)
623. Potassium nitrite (I,R)
624. Potassium oxalate (X)
625. Potassium perchlorate (X,I,R)
626. Potassium permanganate (X,C,I)
627. Potassium peroxide (C,I,R)
628. Potassium sulfide (X,I)
629. *Propargyl bromide, 3-Bromo-1-propyne (X,I)
630. *beta-Propiolactone, BPL (X)
631. Propionaldehyde, Propanal (X,I)
632. Propionic acid, Propanoic acid (X,C,I)
633. n-Propyl acetate (X,I)
634. n-Propyl alcohol, 1-Propanol (X,I)
635. n-Propylamine (and isomers) (X,I)
636. *Propyleneimine, 2-Methylaziridine (X,I)
637. Propylene oxide (X,I)
638. n-Propyl formate (X,I)
639. n-Propyl mercaptan, 1-Propanethiol (X,I)
640. *n-Propyltrichlorosilane (X,C,I,R)
641. *Prothoate, FOSTION, FAC; O,O-Diethyl-S-carboethoxyethyl phosphorodithioate (X)
642. Pyridine (X,I)
643. *Pyrosulfuryl chloride, Disulfuryl chloride (X,C,R)
644. *Quinone; 1,4-Benzoquinone (X)
645. Raney nickel (I)
646. *Schradan, Octamethyl pyrophosphoramidate, OMPA (X)
- 647A. *Selenium (X)
- 647B. *Selenium compounds (X)
648. *Selenium fluoride (X)
649. *Selenous acid, Selenious acid and salts (X)
650. *Silicon tetrachloride, Silicon chloride (X,C,R)
651. *Silver acetylide (I,R)
652. Silver azide (I,R)
653. Silver compounds (X)
654. Silver nitrate (X)
655. Silver styphnate, Silver trinitroresorcinate (I,R)
656. Silver tetrazene (I,R)
657. *Sodium (C,I,R)
658. Sodium aluminate (C)
659. *Sodium aluminum hydride (C,I,R)
660. *Sodium amide, Sodamide (C,I,R)
661. *Sodium arsenate (X)
662. *Sodium arsenite (X)
663. Sodium azide (I,R)
664. *Sodium bifluoride, sodium acid fluoride (X,C)
665. Sodium bromate (X,I)
666. *Sodium cacodylate, Sodium dimethylarsenate (X)
667. Sodium carbonate peroxide (I)
668. Sodium chlorate (X,I)
669. Sodium chlorite (X,I)
670. Sodium chromate (X,C)
671. *Sodium cyanide (X)
672. Sodium dichloroisocyanurate (I)
673. Sodium dichromate, Sodium bichromate (X,C,I)
674. Sodium fluoride (X)
675. *Sodium hydride (X,C,I,R)
676. Sodium hydrosulfite, Sodium hyposulfite (I)
677. Sodium hydroxide, Caustic soda, Lye (X,C)
678. *Sodium hypochlorite (X,I,R)
679. *Sodium methylate, Sodium methoxide (C,I,R)
680. Sodium molybdate (X)
681. Sodium nitrate, Soda niter (X,I,R)
682. Sodium nitrite (X,I,R)
683. Sodium oxide, Sodium monoxide (X,C)
684. Sodium perchlorate (X,I,R)
685. Sodium permanganate (X,I)
686. *Sodium peroxide (X,I,R)

687. Sodium picramate (X,I,R)
688. *Sodium potassium alloy, NaK, Nack (C,I,R)
689. *Sodium selenate (X)
690. Sodium sulfide, Sodium hydrosulfide (X,I)
691. Sodium thiocyanate, Sodium sulfocyanate (X)
692. Stannic chloride, Tin tetrachloride (X,C)
693. *Strontium arsenate (X)
694. Strontium nitrate (X,I,R)
695. Strontium peroxide, Strontium dioxide (I,R)
696. *Strychnine and salts (X)
697. Styrene, Vinylbenzene (X,I)
698. Succinic acid peroxide (X,I)
699. Sulfide salts (soluble) (X)
700. *Sulfotepp, DITHIONE, BLACAFUM, Tetraethyl dithiopyrophosphate, TEDP (X)
701. *Sulfur chloride, Sulfur monochloride (X,C,R)
702. *Sulfur mustard (X,C,R)
703. *Sulfur pentafluoride (X,C)
704. Sulfur trioxide, Sulfuric anhydride (X,C,I)
705. Sulfuric acid, Oil of vitriol, Battery acid (X,C)
706. Sulfurous acid (X,C)
707. *Sulfuryl chloride, Sulfonyl chloride (X,C,R)
708. *Sulfuryl fluoride, Sulfonyl fluoride (X,C,R)
709. *SUPRACIDE, ULTRACIDE, S-[(5-Methoxy-2-oxo-1,3,4-thiadiazol3 (2H)-yl) methyl] -0, 0-dimethyl phosphorodithioate(X)
710. *SURECIDE, Cyanophenphos, O-para-Cyanophenyl-O-ethylphenyl phosphonothioate (X)
711. *Tellurium hexafluoride (X,C)
712. *TELODRIN, Isobenzan; 1,3,4,5,6,7,8,8-Octachloro-1,3,3a,4, 7,7a-hexahydro-4,7-methanoisobenzofuran (X)
713. *TEMIK, Aldicarb, 2-Methyl-2(methylthio) propionaldehyde-O-(methylcarbamoyl) oxime (X)
714. *2,3,7,8-Tetrachlorodibenzo-para-dioxin, TCDD, Dioxin (X)
715. sym-Tetrachloroethane (X)
717. *Tetraethyl lead, TEL (and other organic lead) (X,I)
718. *Tetraethyl pyrophosphate, TEPP (X)
- 719A. Tetrahydrofuran, THF (X,I)
- 719B. Tetrahydrophthalic anhydride, Memtetrahydrophthalic anhydride (X)
720. TETRALIN, Tetrahydronaphthalene (X)
721. Tetramethyl lead, TML (X,I)
722. *Tetramethyl succinonitrile (X)
723. *Tetranitromethane (X,I,R)
724. *Tetrasul, ANIMERT V-101, S-para-Chlorophenyl-2,4,5-trichlorophenyl sulfide (X)
725. Tetrazene, 4-Amidino-1-(nitrosamino-amidino)-1-tetra-zene (I,R)
726. *Thallium (X)
727. *Thallium compounds (X)
728. *Thallosulfate, Thallium sulfate, RATOX (X)
729. *Thiocarbonylchloride, Thiopbosgene (X,C,R)
730. *Thionazin, ZINOPHOS; O,O-Tetramethylthiuram monosulfide (X)
731. *Thionyl chloride, Sulfur oxychloride (X,C,R)
732. *Thiophosphoryl chloride (X,C,R)
733. Thorium (powder) (I)
734. Tin compounds (organic) (X)
735. Titanium (powder) (I)
736. Titanium sulfate (X)
737. *Titanium tetrachloride, Titanic chloride (X,C,R)
738. Toluene, Methylbenzene (X,I)
739. *Toluene-2,4-diisocyanate, TDI (I,R)
- 740A. Toluidine, Aminotoluene (ortho,meta,para) (X)
- 740B. *Toxaphene, Polychlorocamphene (X)
741. *TRANID, exo-3-Chloro-endo-6-cyano-2-norbornanone-0-(methylcarbamoyl) oxime (X)
743. 1,1,2-Trichloroethane (X)
744. Trichloroethylene; Trichlorethene (X)
745. Trichloroisocyanuric acid (X,I)
746. *2,4,5-Trichlorophenoxyacetic acid; 2,4,5-T (X)
747. *Trichlorosilane, Silicochloroform (X,C,I,R)
748. Trimethylamine, TMA (X,I)
749. Trinitroanisole; 2,4,6-Trinitrophenyl methyl ether (I,R)
750. 1,3,5-Trinitrobenzene, TNB (I,R)
751. 2,4,6-Trinitrobenzoic acid (I,R)
752. Trinitronaphthalene, Naphtite (I,R)
753. 2,4,6-Trinitroresorcinol, Styphnic acid (I,R)
754. 2,4,6-Trinitrotoluene, TNT (X,I,R)
755. *tris(1-Aziridinyl) phosphine oxide, Triethylenephospho-ramide, TEPA (X)
756. Tungstic acid and salts (X)
757. Turpentine (X,I)
758. Uranyl nitrate, Uranium nitrate (X,I,R)
759. Urea nitrate (X,I,R)
760. n-Valeraldehyde, n-Pentanal (and isomers) (X,I)

761. Vanadic acid salts (X)	772. Vinyl isopropyl ether (I)	781. Zinc chloride (X,C)
762. Vanadium oxytrichloride (X,C)	773. *Vinyltrichlorosilane (X,C,I,R)	782. Zinc compounds (X)
763. *Vanadium pentoxide, Vanadic acid anhydride (X)	774. VX, O-Ethyl methyl phosphoryl N,N-diisopropyl thiocholine (X)	783. *Zinc cyanide (X)
764. Vanadium tetrachloride (X,C)	775. *WEPSYN 155, WP 155, Triamiphos, para-(5-Amino-3-phenyl-1H-1,2,4-triazol-1-yl)-N,N,N',N'-tetramethyl phosphonic diamide (X)	784. Zinc nitrate (X,I,R)
765. Vanadium tetraoxide (X)	776. Xylene, Dimethylbenzene (ortho,meta,para) (XII)	785. Zinc permanganate (X,I)
766. Vanadium trioxide, Vanadium sesquioxide (X)	777. Zinc (powder) (I)	786. Zinc peroxide, zinc dioxide (X,I,R)
767. Vanadyl sulfate, Vanadium sulfate (X)	778. Zinc ammonium nitrate (X,I)	787. *Zinc phosphide (X,I,R)
768. Vinyl acetate (I,X)	779. *Zinc arsenate (X)	788. Zinc sulfate (X)
769. *Vinyl chloride (X,I)	780. *Zinc arsenite (X)	789. Zirconium (powder) (I)
770. Vinyl ethyl ether (I)		790. *Zirconium chloride, Zirconium tetrachloride (X,C,R)
771. Vinylidene chloride, VC (X,I)		791. Zirconium picramate (I)

RCRA P List(Acutely Hazardous Wastes) & RCRA U List (Toxic Wastes)

40 CFR - CHAPTER I – 261.33

261.33 Discarded commercial chemical products, off-specification species, container residues, and spill residues thereof.

The following materials or items are hazardous wastes if and when they are discarded or intended to be discarded as described in § 261.2(a)(2)(i), when they are mixed with waste oil or used oil or other material and applied to the land for dust suppression or road treatment, when they are otherwise applied to the land in lieu of their original intended use or when they are contained in products that are applied to the land in lieu of their original intended use, or when, in lieu of their original intended use, they are produced for use as (or as a component of) a fuel, distributed for use as a fuel, or burned as a fuel.

(a) Any commercial chemical product, or manufacturing chemical intermediate having the generic name listed in paragraph (e) or (f) of this section.

(b) Any off-specification commercial chemical product or manufacturing chemical intermediate which, if it met specifications, would have the generic name listed in paragraph (e) or (f) of this section.

(c) Any residue remaining in a container or in an inner liner removed from a container that has held any commercial chemical product or manufacturing chemical intermediate having the generic name listed in paragraphs (e) or (f) of this section, unless the container is empty as defined in § 261.7(b) of this chapter. [*Comment:* Unless the residue is being beneficially used or reused, or legitimately recycled or reclaimed; or being accumulated, stored, transported or treated prior to such use, re-use, recycling or reclamation, EPA considers the residue to be intended for discard, and thus, a hazardous waste. An example of a legitimate re-use of the residue would be where the residue remains in the container and the container is used to hold the same commercial chemical product or manufacturing chemical intermediate it previously held. An example of the discard of the residue would be where the drum is sent to a drum reconditioner who reconditions the drum but discards the residue.]

(d) Any residue or contaminated soil, water or other debris resulting from the cleanup of a spill into or on any land or water of any commercial chemical product or manufacturing chemical intermediate having the generic name listed in paragraph (e) or (f) of this section, or any residue or contaminated soil, water or other debris resulting from the cleanup of a spill, into or on any land or water, of any off-specification chemical product and manufacturing chemical intermediate which, if it met specifications, would have the generic name listed in paragraph (e) or (f) of this section. [*Comment:* The phrase "commercial chemical product or manufacturing chemical intermediate having the generic name listed in" refers to a chemical substance which is manufactured or formulated for commercial or manufacturing use which consists of the commercially pure grade of the chemical, any technical grades of the chemical that are produced or marketed, and all formulations in which the chemical is the sole active ingredient. It does not refer to a material, such as a manufacturing process waste, that contains any of the substances listed in paragraph (e) or (f). Where a manufacturing process waste is deemed to be a hazardous waste because it contains a substance listed in paragraph (e) or (f), such waste will be listed in either § 261.31 or § 261.32 or will be identified as a hazardous waste by the characteristics set forth in subpart C of this part.]

(e) The commercial chemical products, manufacturing chemical intermediates or off-specification commercial chemical products or manufacturing chemical intermediates referred to in paragraphs (a) through (d) of this section, are identified as acute hazardous wastes (H) and are subject to be the small quantity exclusion defined in § 261.5(e). [*Comment:* For the convenience of the regulated community the primary hazardous properties of these materials have been indicated by the letters T (Toxicity), and R (Reactivity). Absence of a letter indicates that the compound only is listed for acute toxicity.]

These wastes and their corresponding EPA Hazardous Waste Numbers are:

Hazardous Waste #	Substance	Hazardous Waste #	Substance	Hazardous Waste #	Substance
P023	Acetaldehyde, chloro-	P046	Benzeneethanamine, alpha,alpha-dimethyl-	P022	Carbon disulfide
P002	Acetamide, N-(aminothioxomethyl)-			P095	Carbonic dichloride
P057	Acetamide, 2-fluoro-	P014	Benzenethiol	P189	Carbosulfan.
P058	Acetic acid, fluoro-, sodium salt	P127	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate.	P023	Chloroacetaldehyde
P002	1-Acetyl-2-thiourea			P024	p-Chloroaniline
P003	Acrolein	P188	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).	P026	1-(o-Chlorophenyl)thiourea
P070	Aldicarb			P027	3-Chloropropionitrile
P203	Aldicarb sulfone.			P029	Copper cyanide
P004	Aldrin	P001	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present at concentrations greater than 0.3%	P029	Copper cyanide Cu(CN)
P005	Allyl alcohol			P202	m-Cumenyl methylcarbamate.
P006	Aluminum phosphide (R,T)			P030	Cyanides (soluble cyanide salts), not otherwise specified
P007	5-(Aminomethyl)-3-isoxazolol			P031	Cyanogen
P008	4-Aminopyridine	P028	Benzyl chloride	P033	Cyanogen chloride
P009	Ammonium picrate (R)	P015	Beryllium powder	P033	Cyanogen chloride (CN)Cl
P119	Ammonium vanadate	P017	Bromoacetone	P034	2-Cyclohexyl-4,6-dinitrophenol
P099	Argentate(1-), bis(cyano-C)-, potassium	P018	Brucine	P016	Dichloromethyl ether
P010	Arsenic acid H³/O⁴	P045	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[methylamino]carbonyl oxime	P036	Dichlorophenylarsine
P012	Arsenic oxide As²/O³			P037	Dieldrin
P011	Arsenic oxide As²/O⁵	P021	Calcium cyanide	P038	Diethylarsine
P011	Arsenic pentoxide	P021	Calcium cyanide Ca(CN)²	P041	Diethyl-p-nitrophenyl phosphate
P012	Arsenic trioxide			P040	O,O-Diethyl O-pyrazinyl phosphorothioate
P038	Arsine, diethyl-	P189	Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl- 7-benzofuranyl ester.	P043	Diisopropylfluorophosphate (DFP)
P036	Arsonous dichloride, phenyl-			P004	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa- chloro- 1,4,4a,5,8,8a,-hexahydro-, (1alpha,4alpha,4abeta,5alpha,8alpha,8abeta)-1 1 1
P054	Aziridine	P191	Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]- 5-methyl-1H-pyrazol- 3-yl ester.		
P067	Aziridine, 2-methyl-			P060	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,8ab eta)-
P013	Barium cyanide	P192	Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H- pyrazol-5-yl ester.		
P024	Benzenamine, 4-chloro-				
P077	Benzenamine, 4-nitro-	P190	Carbamic acid, methyl-, 3-methylphenyl ester.		
P028	Benzene, (chloromethyl)-				
P042	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-	P127	Carbofuran.		

P037	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-, (1aalpha,2beta,2alpha,3beta,6beta,6alpha,7beta, 7alpha)-	P056	Fluorine	P050	6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide
P051	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-, (1aalpha,2beta,2alpha,3alpha,6alpha,6abeta,7beta, 7alpha)-, & metabolites	P057	Fluoroacetamide	P059	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-
P044	Dimethoate	P058	Fluoroacetic acid, sodium salt	P199	Methiocarb.
P046	alpha,alpha-Dimethylphenethylamine	P198	Formetanate hydrochloride.	P066	Methomyl
P191	Dimetilan.	P197	Formparanate.	P068	Methyl hydrazine
P047	4,6-Dinitro-o-cresol, & salts	P065	Fulminic acid, mercury(2+) salt (R,T)	P064	Methyl isocyanate
P048	2,4-Dinitrophenol	P059	Heptachlor	P069	2-Methylactonitrile
P020	Dinoseb	P062	Hexaethyl tetraphosphate	P071	Methyl parathion
P085	Diphosphoramidate, octamethyl-	P116	Hydrazinecarbothioamide	P190	Metolcarb.
P111	Diphosphoric acid, tetraethyl ester	P068	Hydrazine, methyl-	P128	Mexacarbate.
P039	Disulfoton	P063	Hydrocyanic acid	P072	alpha-Naphthylthiourea
P049	Dithiobiuret	P063	Hydrogen cyanide	P073	Nickel carbonyl
P185	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O- [(methylamino)-carbonyl]oxime.	P096	Hydrogen phosphide	P073	Nickel carbonyl Ni(CO) ₄ , (T-4)-
P050	Endosulfan	P060	Isodrin	P074	Nickel cyanide
P088	Endothall	P192	Isolan.	P074	Nickel cynaide Ni(CN) ₂
P051	Endrin	P202	3-Isopropylphenyl N-methylcarbamate.	P075	Nicotine, & salts
P051	Endrin, & metabolites	P007	3(2H)-Isoxazolone, 5-(aminomethyl)-	P076	Nitric oxide
P042	Epinephrine	P196	Manganese, bis(dimethylcarbomodithioato-S,S')-,	P077	p-Nitroaniline
P031	Ethanedinitrile	P196	Manganese dimethyldithiocarbamate.	P078	Nitrogen dioxide
P194	Ethanimidothioic acid, 2-(dimethylamino)-N-[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester.	P092	Mercury, (acetato-O)phenyl-	P076	Nitrogen oxide NO
P066	Ethanimidothioic acid, N-[(methylamino)carbonyl]oxy]-, methyl ester	P065	Mercury fulminate (R,T)	P078	Nitrogen oxide NO ₂
P101	Ethyl cyanide	P082	Methanamine, N-methyl-N-nitroso-	P081	Nitroglycerine (R)
P054	Ethyleneimine	P064	Methane, isocyanato-	P082	N-Nitrosodimethylamine
P097	Famphur	P016	Methane, oxybis[chloro-	P084	N-Nitrosomethylvinylamine
		P112	Methane, tetranitro- (R)	P085	Octamethylpyrophosphoramidate
		P118	Methanethiol, trichloro-	P087	Osmium oxide OsO ₄ , (T-4)-
		P198	Methanimidamide, N,N-dimethyl-N'-[3-[(methylamino)-arbonyl]oxy]phenyl]-, monohydrochloride.	P087	Osmium tetroxide
		P197	Methanimidamide, N,N-dimethyl-N'-[2- methyl-4-[[[(methylamino)carbonyl]oxy]phenyl]-	P088	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
				P194	Oxamyl.

P089	Parathion	P071	Phosphorothioic acid, O,O,- dimethyl O-(4-nitrophenyl) ester	P108	Strychnidin-10-one, & salts
P034	Phenol, 2-cyclohexyl-4,6-dinitro-	P204	Physostigmine.	P018	Strychnidin-10-one, 2,3-dimethoxy-
P048	Phenol, 2,4-dinitro-	P188	Physostigmine salicylate.	P108	Strychnine, & salts
P047	Phenol, 2-methyl-4,6-dinitro-, & salts	P110	Plumbane, tetraethyl-	P115	Sulfuric acid, dithallium(1+) salt
P020	Phenol, 2-(1-methylpropyl)-4,6- dinitro-	P098	Potassium cyanide	P109	Tetraethyldithiopyrophosphate
P009	Phenol, 2,4,6-trinitro-, ammonium salt(R)	P098	Potassium cyanide K(CN)	P110	Tetraethyl lead
P128	Phenol, 4-(dimethylamino)-3,5- dimethyl-, methylcarbamate (ester).	P099	Potassium silver cyanide	P111	Tetraethyl pyrophosphate
P199	Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate	P201	Promecarb	P112	Tetranitromethane (R)
P202	Phenol, 3-(1-methylethyl)-, methyl carbamate.	P070	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime	P062	Tetraphosphoric acid, hexaethyl ester
P201	Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate.	P203	Propanal, 2-methyl-2-(methyl- sulfonyl)-, O-[(methylamino)carbonyl] oxime.	P113	Thallic oxide
P092	Phenylmercury acetate	P101	Propanenitrile	P113	Thallium oxide Tl_2O_3
P093	Phenylthiourea	P027	Propanenitrile, 3-chloro-	P114	Thallium(I) selenite
P094	Phorate	P069	Propanenitrile, 2-hydroxy-2-methyl-	P115	Thallium(I) sulfate
P095	Phosgene	P081	1,2,3-Propanetriol, trinitrate (R)	P109	Thiodiphosphoric acid, tetraethyl ester
P096	Phosphine	P017	2-Propanone, 1-bromo-	P045	Thiofanox
P041	Phosphoric acid, diethyl 4-nitrophenyl ester	P102	Propargyl alcohol	P049	Thioimidodicarbonic diamide [$(H_2N)_2C(S)_2$]
P039	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester	P003	2-Propenal	P109	Thiodiphosphoric acid, tetraethyl ester
P094	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester	P005	2-Propen-1-ol	P045	Thiofanox
P044	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester	P067	1,2-Propylenimine	P049	Thioimidodicarbonic diamide [$(H_2N)_2C(S)_2$]
P043	Phosphorofluoridic acid, bis(1- methylethyl) ester	P102	2-Propyn-1-ol	P049	Thioimidodicarbonic diamide [$(H_2N)_2C(S)_2$]
P089	Phosphorothioic acid, O,O-diethyl O- (4-nitrophenyl) ester	P008	4-Pyridinamine	P049	Thioimidodicarbonic diamide [$(H_2N)_2C(S)_2$]
P040	Phosphorothioic acid, O,O-diethyl O- pyrazinyl ester	P075	Pyridine, 3-(1-methyl-2- pyrrolidinyl)-, (S)-, & salts	P072	Thiourea, 1-naphthalenyl-
P097	Phosphorothioic acid, O-[4- [(dimethylamino)sulfonyl]phenyl] O,O- dimethyl ester	P204	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8- trimethyl-,methylcarbamate (ester), (3aS- cis)-.	P093	Thiourea, phenyl-
		P114	Selenious acid, dithallium(1+) salt	P185	Tirpate.
		P103	Selenourea	P123	Toxaphene
		P104	Silver cyanide	P118	Trichloromethanethiol
		P104	Silver cyanide Ag(CN)	P119	Vanadic acid, ammonium salt
		P105	Sodium azide	P120	Vanadium oxide V_2O_5
		P106	Sodium cyanide	P120	Vanadium pentoxide
		P106	Sodium cyanide Na(CN)	P084	Vinylamine, N-methyl-N-nitroso-
				P001	Warfarin, & salts, when present at concentrations greater than 0.3%
				P205	Zinc, bis(dimethylcarbamo-dithioato-S,S')-,

P121	Zinc cyanide	P122	Zinc phosphide Zn<INF>3</INF>	P205	Ziram.
P121	Zinc cyanide Zn(CN)<INF>2</INF>	P<INF>2</INF>, when present at concentrations greater than 10% (R,T)			

(f) The commercial chemical products, manufacturing chemical intermediates, or off-specification commercial chemical products referred to in paragraphs (a) through (d) of this section, are identified as toxic wastes (T), unless otherwise designated and are subject to the small quantity generator exclusion defined in § 261.5 (a) and (g). [*Comment:* For the convenience of the regulated community, the primary hazardous properties of these materials have been indicated by the letters T (Toxicity), R (Reactivity), I (Ignitability) and C (Corrosivity). Absence of a letter indicates that the compound is only listed for toxicity.]

These wastes and their corresponding EPA Hazardous Waste Numbers are:

Hazardous Waste #	Substance	Hazardous Waste #	Substance	Hazardous Waste #	Substance
U394	A2213.	U010	Azirino[2',3':3,4]pyrrolo[1,2-	U093	Benzenamine, N,N-dimethyl-4-
U001	Acetaldehyde (I)		a]indole- 4,7-dione, 6-amino-8-		(phenylazo)-
U034	Acetaldehyde, trichloro-		[[aminocarbonyl)oxy]methyl]-	U328	Benzenamine, 2-methyl-
U187	Acetamide, N-(4-ethoxyphenyl)-		1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-	U353	Benzenamine, 4-methyl-
U005	Acetamide, N-9H-fluoren-2-yl-		methyl-, [1aS-(1aalpha,	U158	Benzenamine, 4,4'-methylenebis[2-
U240	Acetic acid, (2,4-		8beta,8aalpha,8balph)]-		chloro-
	dichlorophenoxy)-, salts & esters	U280	Barban.	U222	Benzenamine, 2-methyl-,
U112	Acetic acid ethyl ester (I)	U278	Bendiocarb.		hydrochloride
U144	Acetic acid, lead(2+) salt	U364	Bendiocarb phenol.	U181	Benzenamine, 2-methyl-5-nitro-
U214	Acetic acid, thallium(1+) salt	U271	Benomyl.	U019	Benzene (I,T)
F027	Acetic acid, (2,4,5-trichlorophenoxy)-	U157	Benz[j]aceanthrylene, 1,2-dihydro-	U038	Benzenecetic acid, 4-chloro-
U002	Acetone (I)		3- methyl-		alpha-(4-chlorophenyl)-alpha-hydroxy-,
U003	Acetonitrile (I,T)	U016	Benz[c]acridine		ethylester
U004	Acetophenone	U017	Benzal chloride	U030	Benzene, 1-bromo-4-phenoxy-
U005	2-Acetylaminofluorene	U192	Benzamide, 3,5-dichloro-N-(1,1-	U035	Benzenebutanoic acid, 4-[bis(2-
U006	Acetyl chloride (C,R,T)		dimethyl-2-propynyl)-		chloroethyl)amino]-
U007	Acrylamide	U018	Benz[a]anthracene	U037	Benzene, chloro-
U008	Acrylic acid (I)	U094	Benz[a]anthracene, 7,12-dimethyl-	U221	Benzenediamine, ar-methyl-
U009	Acrylonitrile	U012	Benzenamine (I,T)	U028	2-Benzenedicarboxylic acid, bis(2-
U011	Amitrole	U014	Benzenamine, 4,4'-		ethylhexyl) ester
U012	Aniline (I,T)		carbonimidoylbis[N,N-dimethyl-	U069	1,2-Benzenedicarboxylic acid,
U136	Arsinic acid, dimethyl-	U049	Benzenamine, 4-chloro-2-methyl-,		dibutyl ester
U014	Auramine		hydrochloride	U088	1,2-Benzenedicarboxylic acid,
U015	Azaserine				diethyl ester

U102	1,2-Benzenedicarboxylic acid, dimethyl ester	U364	1,3-Benzodioxol-4-ol, 2,2-dimethyl-,	U031	n-Butyl alcohol (I)
U107	1,2-Benzenedicarboxylic acid, dioctyl ester	U203	1,3-Benzodioxole, 5-(2-propenyl)-	U136	Cacodylic acid
U070	Benzene, 1,2-dichloro-	U141	1,3-Benzodioxole, 5-(1-propenyl)-	U032	Calcium chromate
U071	Benzene, 1,3-dichloro-	U367	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-	U372	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester.
U072	Benzene, 1,4-dichloro-	U090	1,3-Benzodioxole, 5-propyl-	U271	Carbamic acid, [1-(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester.
U060	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-	U064	Benzo[rs]pentaphene	U280	Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester.
U017	Benzene, (dichloromethyl)-	U248	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations of 0.3% or less	U238	Carbamic acid, ethyl ester
U223	Benzene, 1,3-diisocyanatomethyl- (R,T)	U022	Benzo[a]pyrene	U178	Carbamic acid, methylnitroso-, ethyl ester
U239	Benzene, dimethyl- (I,T)	U197	p-Benzoquinone	U373	Carbamic acid, phenyl-, 1-methylethyl ester.
U201	1,3-Benzenediol	U023	Benzotrichloride (C,R,T)	U409	Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester.
U127	Benzene, hexachloro-	U085	2,2'-Bioxirane	U097	Carbamic chloride, dimethyl-
U056	Benzene, hexahydro- (I)	U021	[1,1'-Biphenyl]-4,4'-diamine	U389	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester.
U220	Benzene, methyl-	U073	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-	U387	Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester.
U105	Benzene, 1-methyl-2,4-dinitro-	U091	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-	U114	Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters
U106	Benzene, 2-methyl-1,3-dinitro-	U095	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-	U062	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester
U055	Benzene, (1-methylethyl)- (I)	U225	Bromoform	U279	Carbaryl.
U169	Benzene, nitro-	U030	4-Bromophenyl phenyl ether	U372	Carbendazim.
U183	Benzene, pentachloro-	U128	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	U367	Carbofuran phenol.
U185	Benzene, pentachloronitro-	U172	1-Butanamine, N-butyl-N-nitroso-	U215	Carbonic acid, dithallium(1+) salt
U020	Benzenesulfonic acid chloride (C,R)	U031	1-Butanol (I)	U033	Carbonic difluoride
U020	Benzenesulfonyl chloride (C,R)	U159	2-Butanone (I,T)	U156	Carbonochloridic acid, methyl ester (I,T)
U207	Benzene, 1,2,4,5-tetrachloro-	U160	2-Butanone, peroxide (R,T)	U033	Carbon oxyfluoride (R,T)
U061	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-	U053	2-Butenal	U211	Carbon tetrachloride
U247	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-	U074	2-Butene, 1,4-dichloro- (I,T)	U034	Chloral
U023	Benzene, (trichloromethyl)-	U143	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-alpha(Z),7(2S*,3R*),7aalpha]]-		
U234	Benzene, 1,3,5-trinitro-				
U021	Benzidine				
U202	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts				
U278	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate.				

U035	Chlorambucil	U064	Dibenzo[a,i]pyrene	U102	Dimethyl phthalate
U036	Chlordane, alpha & gamma isomers	U066	1,2-Dibromo-3-chloropropane	U103	Dimethyl sulfate
U026	Chlornaphazin	U069	Dibutyl phthalate	U105	2,4-Dinitrotoluene
U037	Chlorobenzene	U070	o-Dichlorobenzene	U106	2,6-Dinitrotoluene
U038	Chlorobenzilate	U071	m-Dichlorobenzene	U107	Di-n-octyl phthalate
U039	p-Chloro-m-cresol	U072	p-Dichlorobenzene	U108	1,4-Dioxane
U042	2-Chloroethyl vinyl ether	U073	3,3'-Dichlorobenzidine	U109	1,2-Diphenylhydrazine
U044	Chloroform	U074	1,4-Dichloro-2-butene (I,T)	U110	Dipropylamine (I)
U046	Chloromethyl methyl ether	U075	Dichlorodifluoromethane	U111	Di-n-propylnitrosamine
U047	beta-Chloronaphthalene	U078	1,1-Dichloroethylene	U041	Epichlorohydrin
U048	o-Chlorophenol	U079	1,2-Dichloroethylene	U001	Ethanal (I)
U049	4-Chloro-o-toluidine, hydrochloride	U025	Dichloroethyl ether	U404	Ethanamine, N,N-diethyl-
U032	Chromic acid H<INF>2</INF> CrO<INF>4</INF>, calcium salt	U027	Dichloroisopropyl ether	U174	Ethanamine, N-ethyl-N-nitroso-
U050	Chrysene	U024	Dichloromethoxy ethane	U155	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-
U051	Creosote	U081	2,4-Dichlorophenol	U067	Ethane, 1,2-dibromo-
U052	Cresol (Cresylic acid)	U082	2,6-Dichlorophenol	U076	Ethane, 1,1-dichloro-
U053	Crotonaldehyde	U084	1,3-Dichloropropene	U077	Ethane, 1,2-dichloro-
U055	Cumene (I)	U085	1,2:3,4-Diepoxybutane (I,T)	U131	Ethane, hexachloro-
U246	Cyanogen bromide (CN)Br	U108	1,4-Diethyleneoxide	U024	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-
U197	2,5-Cyclohexadiene-1,4-dione	U028	Diethylhexyl phthalate	U117	Ethane, 1,1'-oxybis-(I)
U056	Cyclohexane (I)	U395	Diethylene glycol, dicarbamate.	U025	Ethane, 1,1'-oxybis[2-chloro-
U129	Cyclohexane, 1,2,3,4,5,6-hexachloro-	U086	N,N'-Diethylhydrazine	U184	Ethane, pentachloro-
	.(1alpha,2alpha,3beta,4alpha,5alpha,6beta)-	U087	O,O-Diethyl S-methyl dithiophosphate	U208	Ethane, 1,1,1,2-tetrachloro-
U057	Cyclohexanone (I)	U088	Diethyl phthalate	U209	Ethane, 1,1,2,2-tetrachloro-
U130	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	U089	Diethylstilbesterol	U218	Ethanethioamide
U058	Cyclophosphamide	U090	Dihydrosafrole	U226	Ethane, 1,1,1-trichloro-
U240	2,4-D, salts & esters	U091	3,3'-Dimethoxybenzidine	U227	Ethane, 1,1,2-trichloro-
U059	Daunomycin	U092	Dimethylamine (I)	U410	Ethanimidothioic acid, N,N'-[thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester
U060	DDD	U093	p-Dimethylaminoazobenzene	U394	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester.
U061	DDT	U094	7,12-Dimethylbenz[a]anthracene	U359	Ethanol, 2-ethoxy-
U062	Diallate	U095	3,3'-Dimethylbenzidine	U173	Ethanol, 2,2'-(nitrosoimino)bis-
U063	Dibenz[a,h]anthracene	U096	alpha,alpha-Dimethylbenzylhydroperoxide (R)	U395	Ethanol, 2,2'-oxybis-, dicarbamate.
		U097	Dimethylcarbonyl chloride		
		U098	1,1-Dimethylhydrazine		
		U099	1,2-Dimethylhydrazine		
		U101	2,4-Dimethylphenol		

U004	Ethanone, 1-phenyl-	U127	Hexachlorobenzene	U045	Methane, chloro- (I, T)
U043	Ethene, chloro-	U128	Hexachlorobutadiene	U046	Methane, chloromethoxy-
U042	Ethene, (2-chloroethoxy)-	U130	Hexachlorocyclopentadiene	U068	Methane, dibromo-
U078	Ethene, 1,1-dichloro-	U131	Hexachloroethane	U080	Methane, dichloro-
U079	Ethene, 1,2-dichloro-, (E)-	U132	Hexachlorophene	U075	Methane, dichlorodifluoro-
U210	Ethene, tetrachloro-	U243	Hexachloropropene	U138	Methane, iodo-
U228	Ethene, trichloro-	U133	Hydrazine (R,T)	U119	Methanesulfonic acid, ethyl ester
U112	Ethyl acetate (I)	U086	Hydrazine, 1,2-diethyl-	U211	Methane, tetrachloro-
U113	Ethyl acrylate (I)	U098	Hydrazine, 1,1-dimethyl-	U153	Methanethiol (I, T)
U238	Ethyl carbamate (urethane)	U099	Hydrazine, 1,2-dimethyl-	U225	Methane, tribromo-
U117	Ethyl ether (I)	U109	Hydrazine, 1,2-diphenyl-	U044	Methane, trichloro-
U114	Ethylenebisdithiocarbamic acid, salts & esters	U134	Hydrofluoric acid (C,T)	U121	Methane, trichlorofluoro-
U067	Ethylene dibromide	U134	Hydrogen fluoride (C,T)	U036	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a- hexahydro-
U077	107-06-2 Ethylene dichloride	U135	Hydrogen sulfide	U154	Methanol (I)
U359	Ethylene glycol monoethyl ether	U135	Hydrogen sulfide H<INF>2</INF>S	U155	Methapyrilene
U115	Ethylene oxide (I,T)	U096	Hydroperoxide, 1-methyl-1- phenylethyl-(R)	U142	1,3,4-Metheno-2H- cyclobuta[cd]pentalen- 2-one, 1,1a,3,3a,4,5,5,5a,5b,6- decachlorooctahydro-
U116	Ethylenethiourea	U116	2-Imidazolidinethione	U247	Methoxychlor
U076	Ethylidene dichloride	U137	Indeno[1,2,3-cd]pyrene	U154	Methyl alcohol (I)
U118	Ethyl methacrylate	U190	1,3-Isobenzofurandione	U029	Methyl bromide
U119	Ethyl methanesulfonate	U140	Isobutyl alcohol (I,T)	U186	1-Methylbutadiene (I)
U120	Fluoranthene	U141	Isosafrole	U045	Methyl chloride (I,T)
U122	Formaldehyde	U142	Kepone	U156	Methyl chlorocarbonate (I,T)
U123	Formic acid (C,T)	U143	Lasiocarpine	U226	Methyl chloroform
U124	Furan (I)	U144	Lead acetate	U157	3-Methylcholanthrene
U125	2-Furancarboxaldehyde (I)	U146	Lead, bis(acetato-0)tetrahydroxytri-	U158	4,4'-Methylenebis(2-chloroaniline)
U147	2,5-Furandione	U145	Lead phosphate	U068	Methylene bromide
U213	Furan, tetrahydro-(I)	U146	Lead subacetate	U080	Methylene chloride
U125	Furfural (I)	U129	Lindane	U159	Methyl ethyl ketone (MEK) (I,T)
U124	Furfuran (I)	U163	MNNG	U160	Methyl ethyl ketone peroxide (R,T)
U206	Glucopyranose, 2-deoxy-2-(3- methyl-3- nitrosoureido)-, D-	U147	Maleic anhydride	U138	Methyl iodide
U206	D-Glucose, 2-deoxy-2- [[methylnitrosoamino]- carbonyl]amino]-	U148	Maleic hydrazide	U161	Methyl isobutyl ketone (I)
U126	Glycidylaldehyde	U149	Malononitrile	U162	Methyl methacrylate (I,T)
U163	Guanidine, N-methyl-N'-nitro-N- nitroso-	U150	Melphalan	U161	4-Methyl-2-pentanone (I)

U164	Methylthiouracil	U058	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide	U190	Phthalic anhydride
U010	Mitomycin C	U115	Oxirane (I,T)	U191	2-Picoline
U059	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxohexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-	U126	Oxiranecarboxyaldehyde	U179	Piperidine, 1-nitroso-
U167	1-Naphthalenamine	U041	Oxirane, (chloromethyl)-2 123-63-7 Paraldehyde	U192	Pronamide
U168	2-Naphthalenamine	U183	Pentachlorobenzene	U194	1-Propanamine (I,T)
U026	Naphthalenamine, N,N'-bis(2-chloroethyl)-	U184	Pentachloroethane	U111	1-Propanamine, N-nitroso-N-propyl-
U165	Naphthalene	U185	Pentachloronitrobenzene (PCNB)	U110	1-Propanamine, N-propyl- (I)
U047	Naphthalene, 2-chloro-	See F027	Pentachlorophenol	U066	Propane, 1,2-dibromo-3-chloro-
U166	1,4-Naphthalenedione	U161	Pentanol, 4-methyl-	U083	Propane, 1,2-dichloro-
U236	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[5-amino-4-hydroxy]-, tetrasodium salt	U186	1,3-Pentadiene (I)	U149	Propanedinitrile
U279	1-Naphthalenol, methylcarbamate.	U187	Phenacetin	U171	Propane, 2-nitro- (I,T)
U166	1,4-Naphthoquinone	U188	Phenol	U027	Propane, 2,2'-oxybis[2-chloro-
U167	alpha-Naphthylamine	U048	Phenol, 2-chloro-	U193	1,3-Propane sultone
U168	beta-Naphthylamine	U039	Phenol, 4-chloro-3-methyl-	See F027	93-72-1 Propanoic acid, 2-(2,4,5-trichlorophenoxy)-
U217	Nitric acid, thallium(1+) salt	U081	Phenol, 2,4-dichloro-	U235	1-Propanol, 2,3-dibromo-, phosphate (3:1)
U169	Nitrobenzene (I,T)	U082	Phenol, 2,6-dichloro-	U140	1-Propanol, 2-methyl- (I,T)
U170	p-Nitrophenol	U089	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)-	U002	2-Propanone (I)
U171	2-Nitropropane (I,T)	U101	Phenol, 2,4-dimethyl-	U007	2-Propenamide
U172	N-Nitrosodi-n-butylamine	U052	Phenol, methyl-	U084	1-Propene, 1,3-dichloro-
U173	N-Nitrosodiethanolamine	U132	Phenol, 2,2'-methylenebis[3,4,6-trichloro-	U243	1-Propene, 1,1,2,3,3,3-hexachloro-
U174	N-Nitrosodiethylamine	U411	Phenol, 2-(1-methylethoxy)-, methylcarbamate.	U009	2-Propenenitrile
U176	N-Nitroso-N-ethylurea	U170	Phenol, 4-nitro-	U152	2-Propenenitrile, 2-methyl- (I,T)
U177	N-Nitroso-N-methylurea	See F027	Phenol, pentachloro-	U008	2-Propenoic acid (I)
U178	N-Nitroso-N-methylurethane	See F027	Phenol, 2,3,4,6-tetrachloro-	U113	2-Propenoic acid, ethyl ester (I)
U179	N-Nitrosopiperidine	See F027	Phenol, 2,4,5-trichloro-	U118	2-Propenoic acid, 2-methyl-, ethyl ester
U180	N-Nitrosopyrrolidine	See F027	Phenol, 2,4,6-trichloro-	U162	2-Propenoic acid, 2-methyl-, methyl ester (I,T)
U181	5-Nitro-o-toluidine	U150	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-	U373	Propham.
U193	1,2-Oxathiolane, 2,2-dioxide	U145	Phosphoric acid, lead(2+) salt (2:3)	U411	Propoxur.
		U087	Phosphorodithioic acid, O,O-diethyl S- methyl ester	U387	Prosulfocarb.
		U189	Phosphorus sulfide (R)	U194	n-Propylamine (I,T)
				U083	Propylene dichloride
				U148	3,6-Pyridazinedione, 1,2-dihydro-
				U196	Pyridine

U191	Pyridine, 2-methyl-	See F027 2,3,4,6-Tetrachlorophenol	U228	Trichloroethylene	
U237	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-	U213	Tetrahydrofuran (I)	U121	Trichloromonofluoromethane
U164	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-	U214	Thallium(I) acetate	See F027 2,4,5-Trichlorophenol	
U180	Pyrrolidine, 1-nitroso-	U215	Thallium(I) carbonate	See F027 2,4,6-Trichlorophenol	
U200	Reserpine	U216	Thallium(I) chloride	U404	Triethylamine.
U201	Resorcinol	U216	Thallium chloride TlCl	U234	1,3,5-Trinitrobenzene (R,T)
U202	Saccharin, & salts	U217	Thallium(I) nitrate	U182	1,3,5-Trioxane, 2,4,6-trimethyl-
U203	Safrole	U218	Thioacetamide	U235	Tris(2,3-dibromopropyl) phosphate
U204	Selenious acid	U410	Thiodicarb.	U236	Trypan blue
U204	Selenium dioxide	U153	Thiomethanol (I,T)	U237	Uracil mustard
U205	Selenium sulfide	U244	Thioperoxydicarbonic diamide	U176	Urea, N-ethyl-N-nitroso-
U205	Selenium sulfide	[(H<INF>2</INF> N)C(S)]<INF>2</INF> S<INF>2</INF>, tetramethyl-	U177	Urea, N-methyl-N-nitroso-	
SeS<INF>2</INF> (R,T)		U409	Thiophanate-methyl.	U043	Vinyl chloride
U015	L-Serine, diazoacetate (ester)	U219	Thiourea	U248	Warfarin, & salts, when present at concentrations of 0.3% or less
See F027 Silvex (2,4,5-TP)		U244	Thiram	U239	Xylene (I)
U206	Streptozotocin	U220	Toluene	U200	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester, (3beta,16beta,17alpha,18beta,20alpha)-
U103	Sulfuric acid, dimethyl ester	U221	Toluenediamine	U249	Zinc phosphide Zn<INF>3</INF> P<INF>2</INF>, when present at concentrations of 10% or less
U189	Sulfur phosphide (R)	U223	Toluene diisocyanate (R,T)		
See F027 2,4,5-T		U328	o-Toluidine		
U207	1,2,4,5-Tetrachlorobenzene	U353	p-Toluidine		
U208	1,1,1,2-Tetrachloroethane	U222	o-Toluidine hydrochloride		
U209	1,1,2,2-Tetrachloroethane	U389	Triallate.		
U210	Tetrachloroethylene	U011	1H-1,2,4-Triazol-3-amine		
		U227	1,1,2-Trichloroethane		
