

**AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY
1992 PRIORITY LIST OF HAZARDOUS SUBSTANCES**

Rank	CAS Number	Substance Name	Tot. Pts.	1991 Rank
1	007439-92-1	LEAD	1674	1
2	007440-38-2	ARSENIC	1538	2
3	007439-97-6	MERCURY, METALLIC	1403	3
4	000075-01-4	VINYL CHLORIDE	1338	4
5	000071-43-2	BENZENE	1331	5
6	007440-43-9	CADMIUM	1286	6
7	001336-36-3	POLYCHLORINATED BIPHENYLS	1256	7
8	000067-66-3	CHLOROFORM	1239	8
9	000050-32-8	BENZO (A) PYRENE	1208	12
10	000079-01-6	TRICHLOROETHYLENE	1191	10
11	000205-99-2	BENZO (B) FLUORANTHENE	1189	9
12	000050-29-3	DDT, P,P'-	1188	15
13	011096-82-5	AROCLOR 1260	1145	13
14	011097-69-1	AROCLOR 1254	1137	14
15	000072-55-9	DDE, P,P'-	1119	17
16	000072-54-8	DDD, P,P'-	1101	24
17	000060-57-1	DIELDRIN	1099	30
18	018540-29-9	CHROMIUM, HEXAVALENT	1091	19
19	012672-29-6	AROCLOR 1248	1090	18
20	000057-74-9	CHLORDANE	1084	11
21	000127-18-4	TETRACHLOROETHYLENE	1084	22
22	000053-70-3	DIBENZO (A, H) ANTHRACENE	1084	20
23	008001-58-9	CREOSOTE	1067	16
24	000058-89-9	HEXACHLOROCYCLOHEXANE, GAMMA-	1065	21
25	053469-21-9	AROCLOR 1242	1057	29
26	001746-01-6	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1050	39
27	000076-44-8	HEPTACHLOR	1048	26
28	000057-12-5	CYANIDE	1048	25
29	000319-85-7	HEXACHLOROCYCLOHEXANE, BETA-	1047	27
30	000309-00-2	ALDRIN	1046	23
31	000084-74-2	DI-N-BUTYL PHTHALATE	1046	28
32	000087-68-3	HEXACHLOROBUTADIENE	1035	36
33	011104-28-2	AROCLOR 1221	1016	165'
34	012674-11-2	AROCLOR 1016	1011	91'
35	000056-23-5	CARBON TETRACHLORIDE	1005	33
36	000072-20-8	ENDRIN	1001	32
37	000108-88-3	TOLUENE	995	35
38	000056-55-3	BENZO (A) ANTHRACENE	993	40
39	007440-41-7	BERYLLIUM	992	34
40	008001-35-2	TOXAPHENE	990	37
41	000319-86-8	HEXACHLOROCYCLOHEXANE, DELTA-	989	41
42	000298-04-4	DISULFOTON	984	112'
43	000203-33-8	BENZO (A) FLUORANTHENE	978	54
44	001024-57-3	HEPTACHLOR EPOXIDE	976	51
45	007440-02-0	NICKEL	973	42
46	000087-86-5	PENTACHLOROPHENOL	971	31
47	007439-96-5	MANGANESE	965	43
48	001031-07-8	ENDOSULFAN SULFATE	961	86'
49	067708-83-2	DIBROMOCHLOROPROPANE	956	44
50	000075-60-5	DIMETHYLARSINIC ACID	950	47
51	000302-01-2	HYDRAZINE	948	106'
52	000074-82-8	METHANE	945	59
53	033213-65-9	ENDOSULFAN, BETA	944	48
54	000106-93-4	1,2-DIBROMOETHANE	941	49
55	000092-87-5	BENZIDINE	935	70'
56	000072-43-5	METHOXYCHLOR	934	45
57	000091-94-1	3,3'-DICHLOOROBENZIDINE	933	46
58	007440-66-6	ZINC	930	53
59	000075-09-2	METHYLENE CHLORIDE	928	52
60	007440-47-3	CHROMIUM	927	55
61	000115-29-7	ENDOSULFAN	925	57
62	000117-81-7	DI (2-ETHYLHEXYL) PHTHALATE	924	56

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Rank	CAS Number	Substance Name	Tot. Pts.	1991 Rank
63	053494-70-5	ENDRIN KETONE	911	58
64	000107-06-2	1,2-DICHLOROETHANE	909	61
65	000591-78-6	2-HEXANONE	887	62
66	000071-55-6	1,1,1-TRICHLOROETHANE	882	64
67	000091-20-3	NAPHTHALENE	871	60
68	000075-35-4	1,1-DICHLOROETHENE	869	63
69	000100-41-4	ETHYL BENZENE	865	66
70	000108-90-7	CHLOROBENZENE	848	65
71	012587-46-1	ALPHA RADIATION	837	67
72	001330-20-7	TOTAL XYLENES	837	68
73	001332-21-4	ASBESTOS	835	90
74	039001-02-0	OCTACHLORODIBENZOFURAN	829	89
75	007440-61-1	URANIUM	825	73
76	007440-14-4	RADIUM	823	71
77	003268-87-9	OCTACHLORODIBENZO-P-DIOXIN	820	93
78	007723-14-0	PHOSPHORUS	820	87
79	000118-96-7	2,4,6-TRINITROTOLUENE	819	69
80	013982-63-3	RADIUM-226	819	103
81	007440-29-1	THORIUM	819	78
82	000111-44-4	BIS(2-CHLOROETHYL) ETHER	817	82
83	000079-34-5	1,1,2,2-TETRACHLOROETHANE	817	120
84	000959-98-8	ENDOSULFAN, ALPHA	816	38
85	010043-92-2	RADON	813	81
86	000118-74-1	HEXACHLOROBENZENE	813	122
87	007440-50-8	COPPER	813	74
88	000206-44-0	FLUORANTHENE	810	75
89	014269-63-7	THORIUM-230	810	153
90	000319-84-6	HEXACHLOROCYCLOHEXANE, ALPHA-	809	77
91	000075-34-3	1,1-DICHLOROETHANE	807	80
92	000121-14-2	2,4-DINITROTOLUENE	807	76
93	000101-14-4	4,4'-METHYLENEBIS(2-CHLOROANILINE)	803	79
94	000051-28-5	2,4-DINITROPHENOL	802	121
95	000099-35-4	1,3,5-TRINITROBENZENE	801	72
96	007440-39-3	BARIUM	801	84
97	000621-64-7	N-NITROSODI-N-PROPYLAMINE	794	83
98	000534-52-1	4,6-DINITRO-O-CRESOL	792	144
99	000088-06-2	2,4,6-TRICHLOROPHENOL	788	94
100	007782-49-2	SELENIUM	788	88
101	000108-95-2	PHENOL	783	85
102	000218-01-9	CHRYSENE	780	95
103	067774-32-7	POLYBROMINATED BIPHENYLS	778	92
104	011141-16-5	AROCOR 1232	775	98
105	012587-47-2	BETA RADIATION	775	97
106	000192-97-2	BENZO(E) PYRENE	773	50
107	000156-60-5	1,2-DICHLOROETHENE, TRANS-	771	96
108	000107-02-8	ACROLEIN	768	101
109	000333-41-5	DIAZINON	767	100
110	007421-93-4	ENDRIN ALDEHYDE	766	102
111	056832-73-6	BENZOFLUORANTHENE	764	167
112	005103-71-9	ALPHA-CHLORDANE	761	104
113	005566-34-7	GAMMA-CHLORDANE	760	105
114	000096-12-8	1,2-DIBROMO-3-CHLOROPROPANE	758	111
115	065996-93-2	COAL TAR PITCH	758	NEW
116	001327-53-3	ARSENIC TRIOXIDE	758	109
117	015262-20-1	RADIUM-228	758	112
118	010028-17-8	TRITIUM	757	108
119	007778-39-4	ARSENIC ACID	757	157
120	000198-55-0	PERYLENE	757	109
121	007784-46-5	SODIUM ARSENITE	756	167
122	014274-82-9	THORIUM-228	755	116
123	057117-31-4	2,3,4,7,8-PENTACHLORODIBENZOFURAN	755	NEW
124	007784-42-1	ARSINE	754	159

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Rank	CAS Number	Substance Name	Tot. Pts.	1991 Rank
125	012001-29-5	CHRYSTILE ASBESTOS	754	114
126	005103-74-2	TRANS-CHLORDANE	754	NEW -
127	000077-47-4	HEXACHLOROCYCLOPENTADIENE	754	107
128	000086-50-0	GUTHION	753	117
128	000786-19-6	CARBOPHENOTHION	753	118
130	013233-32-4	RADIUM-224	753	119
131	025167-83-3	TETRACHLOROPHENOL	736	143
132	007440-48-4	COBALT	731	124
133	037871-00-4	HEPTACHLORODIBENZO-P-DIOXIN	724	134
134	000067-64-1	ACETONE	720	99
135	000083-32-9	ACENAPHTHENE	719	127
136	000056-38-2	PARATHION	717	203
137	000608-73-1	HEXACHLOROCYCLOHEXANE	714	123
138	000106-46-7	1,4-DICHLOROBENZENE	707	138
139	000075-00-3	CHLOROETHANE	707	139
140	036088-22-9	PENTACHLORODIBENZO-P-DIOXIN	706	227
141	038998-75-3	HEPTACHLORODIBENZOFURAN	705	151
142	000091-57-6	2-METHYLNAPHTHALENE	705	128
143	000095-50-1	1,2-DICHLOROBENZENE	702	126
144	034465-46-8	HEXACHLORODIBENZO-P-DIOXIN	702	142
145	055684-94-1	HEXACHLORODIBENZOFURAN	696	148
146	000075-15-0	CARBON DISULFIDE	694	129
147	007664-41-7	AMMONIA	692	141
148	000085-68-7	BUTYL BENZYL PHTHALATE	691	133
149	025323-89-1	TRICHLOROETHANE	683	131
150	000079-00-5	1,1,2-TRICHLOROETHANE	681	132
151	041903-57-5	TETRACHLORODIBENZO-P-DIOXIN	681	125
152	000105-67-9	2,4-DIMETHYLPHENOL	679	130
153	000122-66-7	1,2-DIPHENYLHYDRAZINE	673	135
154	030402-15-4	PENTACHLORODIBENZOFURAN	672	171
155	030402-14-3	TETRACHLORODIBENZOFURAN	671	202
156	000193-39-5	INDENO(1,2,3-CD) PYRENE	665	149
157	007440-31-5	TIN	655	136
158	007429-90-5	ALUMINUM	654	140
159	015117-96-1	URANIUM-235	653	146
160	000074-87-3	CHLOROMETHANE	651	190
161	007440-22-4	SILVER	640	154
162	000078-93-3	2-BUTANONE	636	137
163	013966-29-5	URANIUM-234	636	152
164	000120-82-1	1,2,4-TRICHLOROBENZENE	630	145
165	000067-72-1	HEXACHLOROETHANE	629	155
166	002921-88-2	CHLORPYRIFOS	626	158
167	000143-50-0	KEPONE	625	156
168	000541-73-1	1,3-DICHLOROBENZENE	625	187
169	027304-13-8	OXYCHLORDANE	624	166
170	000086-30-6	N-NITROSODIPHENYLAMINE	624	186
171	022967-92-6	METHYLMERCURY	621	163
172	001303-28-2	ARSENIC PENTOXIDE	620	NEW -
173	003734-48-3	CHLORDENE	620	162
174	013981-52-7	POLONIUM-210	619	169
175	013981-16-3	PLUTONIUM-238	619	169
176	010045-97-3	CESIUM-137	617	164
177	051207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	614	226
178	007440-62-2	VANADIUM	612	177
179	013966-32-0	SODIUM-22	612	173
180	014255-04-0	LEAD-210	610	160
181	000085-01-8	PHENANTHRENE	609	161
182	010198-40-0	COBALT-60	608	173
183	015117-53-0	SULFUR-35	608	178
184	010098-97-2	STRONTIUM-90	607	179
184	013968-55-3	URANIUM-233	607	184
186	015117-48-3	PLUTONIUM-239	605	180

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187	007440-07-5	PLUTONIUM	604	180
188	000683-53-4	BROMODICHLOROETHANE	603	183
189	025321-22-6	DICHLOROBENZENE	602	175
190	000124-48-1	CHLORODIBROMOMETHANE	598	182
191	007783-06-4	HYDROGEN SULFIDE	598	172
192	000129-00-0	PYRENE	595	176
193	014797-55-8	NITRATE	590	185
194	000540-59-0	1,2-DICHLOROETHYLENE	584	189
195	000608-93-5	PENTACHLOROBENZENE	582	255
196	000095-95-4	2,4,5-TRICHLOROPHENOL	581	193
197	007782-50-5	CHLORINE	581	192
198	000121-82-4	CYCLOTRIMETHYLENETRINITRAMINE (RDX)	579	188
199	000100-02-7	4-NITROPHENOL	579	208
200	000075-25-2	BROMOFORM	578	194
201	000062-75-9	N-NITROSODIMETHYLAMINE	577	195
202	007782-41-4	FLUORINE	573	198
203	007738-94-5	CHROMIC ACID	571	200
204	025168-05-2	CHLOROTOLUENE	563	307
205	000606-20-2	2,6-DINITROTOLUENE	563	196
206	025321-14-6	DINITROTOLUENE	561	205
207	001300-21-6	DICHLOROETHANE	561	201
208	000060-29-7	ETHYL ETHER	561	191
209	000106-44-5	CRESOL, PARA-	559	233
210	000563-12-2	ETHION	559	207
211	000143-33-9	SODIUM CYANIDE	557	206
211	010588-01-9	SODIUM DICHROMATE	557	204
213	025167-82-2	TRICHLOROPHENOL	557	115
214	000088-89-1	PICRIC ACID	556	210
215	000076-01-7	PENTACHLOROETHANE	556	212
216	000095-47-6	O-XYLENE	556	197
217	000060-51-5	DIMETHOATE	555	214
218	000133-06-2	CAPTAN	555	217
219	000094-75-7	2,4-D ACID	555	238
220	035822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	555	280
221	067562-39-4	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	554	NEW -
222	000298-02-2	PHORATE	554	221
223	000075-44-5	PHOSGENE	554	220
224	000062-56-6	THIOUREA	553	NEW -
225	000115-32-2	DICOFOL	553	221
225	001563-66-2	CARBOFURAN	553	215
225	007758-98-7	CUPRIC SULFATE	553	215
228	007439-98-7	MOLYBDENUM	553	199
229	000078-11-5	PENTAERYTHRITOL TETRANITRATE	553	217
229	000765-34-4	GLYCIDYLALDEHYDE	553	278
231	000108-10-1	METHYL ISOBUTYL KETONE	553	209
232	000068-12-2	DIMETHYL FORMAMIDE	553	265
233	000300-76-5	NALED	552	221
234	007440-36-0	ANTIMONY	549	232
235	010061-01-5	1,3-DICHLOROPROPENE, CIS-	542	229
236	000120-12-7	ANTHRACENE	541	230
237	000110-54-3	HEXANE	537	150
238	000084-66-2	DIETHYL PHTHALATE	536	241
239	001634-04-4	METHYL-T-BUTYL ETHER	532	231
240	000050-00-0	FORMALDEHYDE	528	228
241	016984-48-8	FLUORIDE	524	242
242	000093-72-1	2,4,5-TP ACID (SILVEX)	524	297
243	000100-42-5	STYRENE	524	234
244	000086-73-7	FLUORENE	516	239
245	000078-87-5	1,2-DICHLOROPROPANE	511	237
246	001333-82-0	CHROMIUM (VI) TRIOXIDE	505	306
247	000298-00-0	METHYL PARATHION	503	305
248	000120-83-2	2,4-DICHLOROPHENOL	503	243

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249	000065-85-0	BENZOIC ACID	502	246
250	000117-84-0	DI-N-OCTYL PHTHALATE	502	236
251	000095-57-8	2-CHLOROPHENOL	501	245
252	025322-20-7	TETRACHLOROETHANE	494	372
253	000479-45-8	TRINITROPHENYLMETHYLNITRAMINE	490	244
254	000123-91-1	1,4-DIOXANE	487	394
255	012002-48-1	TRICHLOROBENZENE	486	240
256	000207-08-9	BENZO (K) FLUORANTHENE	480	252
257	007440-28-0	THALLIUM	467	269
258	001321-94-4	METHYLNAPHTHALENE	465	296
259	000505-60-2	MUSTARD GAS	461	NEW -
260	000086-74-8	CARBAZOLE	455	251
261	000156-59-2	1,2-DICHLOROETHENE, CIS-	453	253
262	000109-99-9	TETRAHYDROFURAN	452	248
263	000208-96-8	ACENAPHTHYLENE	451	282
264	000108-38-3	M-XYLENE	447	247
265	000106-99-0	1,3-BUTADIENE	446	259
266	000106-42-3	P-XYLENE	446	249
267	000132-64-9	DIBENZOFURAN	445	261
268	000191-24-2	BENZO (G, H, I) PERYLENE	445	275
269	000058-90-2	2,3,4,6-TETRACHLOROPHENOL	445	258
270	000090-12-0	1-METHYLNAPHTHALENE	445	257
271	000075-69-4	TRICHLOROFLUOROMETHANE	443	235
272	025323-30-2	DICHLOROETHYLENE	440	254
273	000095-48-7	CRESOL, ORTHO-	440	263
274	007440-42-8	BORON	436	256
275	004901-51-3	2,3,4,5-TETRACHLOROPHENOL	435	260