

## 2007 Priority List of Hazardous Substances, Sorted by Rank

RANK	SUBSTANCE NAME	CAS #
1	ARSENIC	007440-38-2
2	LEAD	007439-92-1
3	MERCURY	007439-97-6
4	VINYL CHLORIDE	000075-01-4
5	POLYCHLORINATED BIPHENYLS	001336-36-3
6	BENZENE	000071-43-2
7	CADMIUM	007440-43-9
8	POLYCYCLIC AROMATIC HYDROCARBONS	130498-29-2
9	BENZO(A)PYRENE	000050-32-8
10	BENZO(B)FLUORANTHENE	000205-99-2
11	CHLOROFORM	000067-66-3
12	DDT, P,P'	000050-29-3
13	AROCLOR 1254	011097-69-1
14	AROCLOR 1260	011096-82-5
15	DIBENZO(A,H)ANTHRACENE	000053-70-3
16	TRICHLOROETHYLENE	000079-01-6
17	DIELDRIN	000060-57-1
18	CHROMIUM, HEXAVALENT	018540-29-9
19	PHOSPHORUS, WHITE	007723-14-0
20	CHLORDANE	000057-74-9
21	DDE, P,P'	000072-55-9
22	HEXACHLOROBUTADIENE	000087-68-3
23	COAL TAR CREOSOTE	008001-58-9
24	ALDRIN	000309-00-2
25	DDD, P,P'	000072-54-8
26	BENZIDINE	000092-87-5
27	AROCLOR 1248	012672-29-6
28	CYANIDE	000057-12-5
29	AROCLOR 1242	053469-21-9
30	AROCLOR	012767-79-2
31	TOXAPHENE	008001-35-2
32	HEXACHLOROCYCLOHEXANE, GAMMA-	000058-89-9
33	TETRACHLOROETHYLENE	000127-18-4
34	HEPTACHLOR	000076-44-8
35	1,2-DIBROMOETHANE	000106-93-4
36	HEXACHLOROCYCLOHEXANE, BETA-	000319-85-7
37	ACROLEIN	000107-02-8
38	DISULFOTON	000298-04-4
39	BENZO(A)ANTHRACENE	000056-55-3
40	3,3'-DICHLOROBENZIDINE	000091-94-1
41	ENDRIN	000072-20-8
42	BERYLLIUM	007440-41-7
43	HEXACHLOROCYCLOHEXANE, DELTA-	000319-86-8
44	1,2-DIBROMO-3-CHLOROPROPANE	000096-12-8
45	PENTACHLOROPHENOL	000087-86-5
46	HEPTACHLOR EPOXIDE	001024-57-3
47	CARBON TETRACHLORIDE	000056-23-5
48	AROCLOR 1221	011104-28-2
49	COBALT	007440-48-4
50	DDT, O,P'	000789-02-6
51	AROCLOR 1016	012674-11-2
52	DI-N-BUTYL PHTHALATE	000084-74-2
53	NICKEL	007440-02-0
54	ENDOSULFAN	000115-29-7
55	ENDOSULFAN SULFATE	001031-07-8
56	DIAZINON	000333-41-5
57	ENDOSULFAN, ALPHA	000959-98-8
58	XYLENES, TOTAL	001330-20-7
59	CIS-CHLORDANE	005103-71-9
60	DIBROMOCHLOROPROPANE	067708-83-2
61	METHOXYCHLOR	000072-43-5
62	BENZO(K)FLUORANTHENE	000207-08-9
63	ENDRIN KETONE	053494-70-5
64	TRANS-CHLORDANE	005103-74-2
65	CHROMIUM(VI) OXIDE	001333-82-0
66	METHANE	000074-82-8
67	ENDOSULFAN, BETA	033213-65-9
68	AROCLOR 1232	011141-16-5
69	ENDRIN ALDEHYDE	007421-93-4
70	BENZOFUORANTHENE	056832-73-6
71	TOLUENE	000108-88-3
72	2-HEXANONE	000591-78-6

RANK	SUBSTANCE NAME	CAS #
73	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	001746-01-6
74	ZINC	007440-66-6
75	DIMETHYLARSINIC ACID	000075-60-5
76	DI(2-ETHYLHEXYL)PHTHALATE	000117-81-7
77	CHROMIUM	007440-47-3
78	NAPHTHALENE	000091-20-3
79	1,1-DICHLOROETHENE	000075-35-4
80	METHYLENE CHLORIDE	000075-09-2
81	AROCLOR 1240	071328-89-7
82	2,4,6-TRINITROTOLUENE	000118-96-7
83	BROMODICHLOROETHANE	000683-53-4
84	HYDRAZINE	000302-01-2
85	1,2-DICHLOROETHANE	000107-06-2
86	2,4,6-TRICHLOROPHENOL	000088-06-2
87	2,4-DINITROPHENOL	000051-28-5
88	BIS(2-CHLOROETHYL) ETHER	000111-44-4
89	THIOCYANATE	000302-04-5
90	ASBESTOS	001332-21-4
91	CHLORINE	007782-50-5
92	CYCLOTRIMETHYLENETRINITRAMINE (RDX)	000121-82-4
93	HEXACHLOROBENZENE	000118-74-1
94	2,4-DINITROTOLUENE	000121-14-2
95	RADIUM-226	013982-63-3
96	ETHION	000563-12-2
97	1,1,1-TRICHLOROETHANE	000071-55-6
98	URANIUM	007440-61-1
99	ETHYLBENZENE	000100-41-4
100	RADIUM	007440-14-4
101	THORIUM	007440-29-1
102	4,6-DINITRO-O-CRESOL	000534-52-1
103	1,3,5-TRINITROBENZENE	000099-35-4
104	CHLOROBENZENE	000108-90-7
105	RADON	010043-92-2
106	RADIUM-228	015262-20-1
107	THORIUM-230	014269-63-7
107	URANIUM-235	015117-96-1
109	BARIUM	007440-39-3
110	FLUORANTHENE	000206-44-0
111	URANIUM-234	013966-29-5
112	N-NITROSODI-N-PROPYLAMINE	000621-64-7
113	THORIUM-228	014274-82-9
114	RADON-222	014859-67-7
115	HEXACHLOROCYCLOHEXANE, ALPHA-	000319-84-6
116	1,2,3-TRICHLOROBENZENE	000087-61-6
117	MANGANESE	007439-96-5
118	COAL TARS	008007-45-2
119	CHRYSTOTILE ASBESTOS	012001-29-5
119	STRONTIUM-90	010098-97-2
121	PLUTONIUM-239	015117-48-3
122	POLONIUM-210	013981-52-7
123	METHYLMERCURY	022967-92-6
124	PLUTONIUM-238	013981-16-3
125	LEAD-210	014255-04-0
126	PLUTONIUM	007440-07-5
127	CHLORPYRIFOS	002921-88-2
128	COPPER	007440-50-8
129	AMERICIUM-241	086954-36-1
130	RADON-220	022481-48-7
131	AMOSITE ASBESTOS	012172-73-5
132	IODINE-131	010043-66-0
133	HYDROGEN CYANIDE	000074-90-8
134	TRIBUTYL TIN	000688-73-3
135	GUTHION	000086-50-0
136	NEPTUNIUM-237	013994-20-2
137	CHRYSENE	000218-01-9
138	CHLORDECONE	000143-50-0
138	IODINE-129	015046-84-1
138	PLUTONIUM-240	014119-33-6
141	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE	000078-48-8
142	BROMINE	007726-95-6
143	POLYBROMINATED BIPHENYLS	067774-32-7
144	DICOFOL	000115-32-2

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RANK	SUBSTANCE NAME	CAS #
145	PARATHION	000056-38-2
146	1,1,2,2-TETRACHLOROETHANE	000079-34-5
147	SELENIUM	007782-49-2
148	HEXACHLOROCYCLOHEXANE, TECH. GRADE	000608-73-1
149	TRICHLOROFLUOROETHANE	027154-33-2
150	TRIFLURALIN	001582-09-8
151	DDD, O,P'-	000053-19-0
152	4,4'-METHYLENEBIS(2-CHLOROANILINE)	000101-14-4
153	HEXACHLORODIBENZO-P-DIOXIN	034465-46-8
154	HEPTACHLORODIBENZO-P-DIOXIN	037871-00-4
155	PENTACHLOROBENZENE	000608-93-5
156	1,3-BUTADIENE	000106-99-0
157	AMMONIA	007664-41-7
158	2-METHYLNAPHTHALENE	000091-57-6
159	1,4-DICHLOROBENZENE	000106-46-7
160	1,1-DICHLOROETHANE	000075-34-3
161	ACENAPHTHENE	000083-32-9
162	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	039001-02-0
163	1,1,2-TRICHLOROETHANE	000079-00-5
164	TRICHLOROETHANE	025323-89-1
165	HEXACHLOROCYCLOPENTADIENE	000077-47-4
166	HEPTACHLORODIBENZOFURAN	038998-75-3
167	1,2-DIPHENYLHYDRAZINE	000122-66-7
168	2,3,4,7,8-PENTACHLORODIBENZOFURAN	057117-31-4
169	TETRACHLOROBIPHENYL	026914-33-0
170	CRESOL, PARA-	000106-44-5
171	OXYCHLORDANE	027304-13-8
172	1,2-DICHLOROBENZENE	000095-50-1
173	1,2-DICHLOROETHENE, TRANS-	000156-60-5
174	INDENO(1,2,3-CD)PYRENE	000193-39-5
175	GAMMA-CHLORDENE	056641-38-4
176	CARBON DISULFIDE	000075-15-0
177	TETRACHLOROPHENOL	025167-83-3
178	AMERICIUM	007440-35-9
178	URANIUM-233	013968-55-3
180	PALLADIUM	007440-05-3
181	HEXACHLORODIBENZOFURAN	055684-94-1
182	PHENOL	000108-95-2
183	CHLOROETHANE	000075-00-3
184	ACETONE	000067-64-1
185	P-XYLENE	000106-42-3
186	DIBENZOFURAN	000132-64-9
187	ALUMINUM	007429-90-5
188	2,4-DIMETHYLPHENOL	000105-67-9
189	CARBON MONOXIDE	000630-08-0
190	TETRACHLOROETHANE	025322-20-7
191	HYDROGEN SULFIDE	007783-06-4
192	PENTACHLORODIBENZOFURAN	030402-15-4
193	CHLOROMETHANE	000074-87-3
194	BIS(2-METHOXYETHYL) PHTHALATE	034006-76-3
195	BUTYL BENZYL PHTHALATE	000085-68-7
196	CRESOL, ORTHO-	000095-48-7
197	HEXACHLOROETHANE	000067-72-1
198	VANADIUM	007440-62-2
199	N-NITROSODIMETHYLAMINE	000062-75-9
200	1,2,4-TRICHLOROBENZENE	000120-82-1
201	BROMOFORM	000075-25-2
202	TETRACHLORODIBENZO-P-DIOXIN	041903-57-5
203	1,3-DICHLOROBENZENE	000541-73-1
204	PENTACHLORODIBENZO-P-DIOXIN	036088-22-9
205	N-NITROSODIPHENYLAMINE	000086-30-6
206	1,2-DICHLOROETHYLENE	000540-59-0
207	2,3,7,8-TETRACHLORODIBENZOFURAN	051207-31-9
208	2-BUTANONE	000078-93-3
209	2,4-DICHLOROPHENOL	000120-83-2
210	1,4-DIOXANE	000123-91-1
211	FLUORINE	007782-41-4
212	NITRITE	014797-65-0
213	CESIUM-137	010045-97-3
214	SILVER	007440-22-4
215	CHROMIUM TRIOXIDE	007738-94-5
216	NITRATE	014797-55-8

RANK	SUBSTANCE NAME	CAS #
217	POTASSIUM-40	013966-00-2
218	DINITROTOLUENE	025321-14-6
219	ANTIMONY	007440-36-0
220	COAL TAR PITCH	065996-93-2
221	THORIUM-227	015623-47-9
222	2,4,5-TRICHLOROPHENOL	000095-95-4
223	ARSENIC ACID	007778-39-4
224	ARSENIC TRIOXIDE	001327-53-3
225	PHORATE	000298-02-2
226	BENZOPYRENE	073467-76-2
227	CRESOLS	001319-77-3
228	CHLORDANE, TECHNICAL	012789-03-6
229	DIMETHOATE	000060-51-5
230	ACTINIUM-227	014952-40-0
230	STROBANE	008001-50-1
232	4-AMINOBIIPHENYL	000092-67-1
232	PYRETHRUM	008003-34-7
234	ARSINE	007784-42-1
235	NALED	000300-76-5
236	DIBENZOFURANS, CHLORINATED	042934-53-2
236	ETHOPROP	013194-48-4
238	ALPHA-CHLORDENE	056534-02-2
238	CARBOPHENOTHION	000786-19-6
240	DICHLORVOS	000062-73-7
241	CALCIUM ARSENATE	007778-44-1
241	MERCURIC CHLORIDE	007487-94-7
241	SODIUM ARSENITE	007784-46-5
244	FORMALDEHYDE	000050-00-0
245	2-CHLOROPHENOL	000095-57-8
246	PHENANTHRENE	000085-01-8
247	HYDROGEN FLUORIDE	007664-39-3
248	2,4-D ACID	000094-75-7
249	DIBROMOCHLOROMETHANE	000124-48-1
250	DIURON	000330-54-1
251	BUTYLATE	002008-41-5
252	DIMETHYL FORMAMIDE	000068-12-2
253	PYRENE	000129-00-0
254	DICHLOROBENZENE	025321-22-6
255	ETHYL ETHER	000060-29-7
256	DICHLOROETHANE	001300-21-6
257	4-NITROPHENOL	000100-02-7
258	1,3-DICHLOROPROPENE, CIS-	010061-01-5
259	PHOSPHINE	007803-51-2
260	TRICHLOROBENZENE	012002-48-1
261	2,6-DINITROTOLUENE	000606-20-2
262	FLUORIDE ION	016984-48-8
263	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	035822-46-9
264	METHYL PARATHION	000298-00-0
265	PENTAERYTHRITOL TETRANITRATE	000078-11-5
266	1,3-DICHLOROPROPENE, TRANS-	010061-02-6
267	BIS(2-ETHYLHEXYL)ADIPATE	000103-23-1
268	CARBAZOLE	000086-74-8
269	METHYL ISOBUTYL KETONE	000108-10-1
270	1,2-DICHLOROETHENE, CIS-	000156-59-2
271	STYRENE	000100-42-5
272	CARBARYL	000063-25-2
273	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	067562-39-4
274	ACRYLONITRILE	000107-13-1
275	1-METHYLNAPHTHALENE	000090-12-0