

## CANDIDATE SUBSTANCES FOR THE 2003 PRIORITY LIST, SORTED BY RANK

RANK	SUBSTANCE NAME	CAS#	RANK	SUBSTANCE NAME	CAS#
1	ARSENIC	007440-38-2	73	ZINC	007440-66-6
2	LEAD	007439-92-1	74	DIMETHYLARSINIC ACID	000075-60-5
3	MERCURY	007439-97-6	75	DI(2-ETHYLHEXYL)PHTHALATE	000117-81-7
4	VINYL CHLORIDE	000075-01-4	76	CHROMIUM	007440-47-3
5	POLYCHLORINATED BIPHENYLS	001336-36-3	77	1,1-DICHLOROETHENE	000075-35-4
6	BENZENE	000071-43-2	78	NAPHTHALENE	000091-20-3
7	CADMIUM	007440-43-9	79	AROCLOR 1262	037324-23-5
8	POLYCYCLIC AROMATIC HYDROCARBONS	130498-29-2	80	METHYLENE CHLORIDE	000075-09-2
9	BENZO(A)PYRENE	000050-32-8	81	AROCLOR 1240	071328-89-7
10	BENZO(B)FLUORANTHENE	000205-99-2	82	2,4,6-TRINITROTOLUENE	000118-96-7
11	CHLOROFORM	000067-66-3	83	2,4,6-TRICHLOROPHENOL	000088-06-2
12	DDT, P,P'-	000050-29-3	84	GAMMA-CHLORDENE	056641-38-4
13	AROCLOR 1254	011097-69-1	85	2,4-DINITROPHENOL	000051-28-5
14	AROCLOR 1260	011096-82-5	86	BROMODICHLOROETHANE	000683-53-4
15	DIBENZO(A,H)ANTHRACENE	000053-70-3	87	1,2-DICHLOROETHANE	000107-06-2
16	TRICHLOROETHYLENE	000079-01-6	88	HYDRAZINE	000302-01-2
17	CHROMIUM, HEXAVALENT	018540-29-9	89	BIS(2-CHLOROETHYL) ETHER	000111-44-4
18	DIELDRIN	000060-57-1	90	THIOCYANATE	000302-04-5
19	PHOSPHORUS, WHITE	007723-14-0	91	HEXACHLOROENZENE	000118-74-1
20	CHLORDANE	000057-74-9	92	ASBESTOS	001332-21-4
21	DDE, P,P'-	000072-55-9	93	CYCLOTRIMETHYLENETRINITRAMINE (RDX)	000121-82-4
22	HEXACHLOROBUTADIENE	000087-68-3	94	CHLORINE	007782-50-5
23	COAL TAR CREOSOTE	008001-58-9	95	1,1,1-TRICHLOROETHANE	000071-55-6
24	DDD, P,P'-	000072-54-8	96	2,4-DINITROTOLUENE	000121-14-2
25	BENZIDINE	000092-87-5	97	URANIUM	007440-61-1
26	ALDRIN	000309-00-2	98	RADIUM-226	013982-63-3
27	AROCLOR 1248	012672-29-6	99	ETHYLBENZENE	000100-41-4
28	CYANIDE	000057-12-5	100	ETHION	000563-12-2
29	AROCLOR 1242	053469-21-9	101	RADIUM	007440-14-4
30	TETRACHLOROETHYLENE	000127-18-4	102	THORIUM	007440-29-1
31	TOXAPHENE	008001-35-2	103	4,6-DINITRO-O-CRESOL	000534-52-1
32	HEXACHLOROCYCLOHEXANE, GAMMA-	000058-89-9	104	RADON	010043-92-2
33	HEPTACHLOR	000076-44-8	105	PENTACHLOROBIPHENYL	025429-29-2
34	1,2-DIBROMOETHANE	000106-93-4	106	1,3,5-TRINITROBENZENE	000099-35-4
35	BENZO(A)ANTHRACENE	000056-55-3	107	RADIUM-228	015262-20-1
36	DISULFOTON	000298-04-4	108	CHLOROENZENE	000108-90-7
37	HEXACHLOROCYCLOHEXANE, BETA-	000319-85-7	109	THORIUM-230	014269-63-7
38	BERYLLIUM	007440-41-7	110	BARIUM	007440-39-3
39	ENDRIN	000072-20-8	111	N-NITROSODI-N-PROPYLAMINE	000621-64-7
40	HEXACHLOROCYCLOHEXANE, DELTA-	000319-86-8	112	URANIUM-235	015117-96-1
41	1,2-DIBROMO-3-CHLOROPROPANE	000096-12-8	113	URANIUM-234	013966-29-5
42	PENTACHLOROPHENOL	000087-86-5	114	DIAZINON	000333-41-5
43	CARBON TETRACHLORIDE	000056-23-5	115	FLUORANTHENE	000206-44-0
44	HEPTACHLOR EPOXIDE	001024-57-3	116	THORIUM-228	014274-82-9
45	AROCLOR 1221	011104-28-2	117	RADON-222	014859-67-7
46	AROCLOR 1016	012674-11-2	118	HEXACHLOROCYCLOHEXANE, ALPHA-	000319-84-6
47	DDT, O,P'-	000789-02-6	119	METHYLMERCURY	022967-92-6
48	DI-N-BUTYL PHTHALATE	000084-74-2	120	POLONIUM-210	013981-52-7
49	COBALT	007440-48-4	120	STRONTIUM-90	010098-97-2
50	CIS-CHLORDANE	005103-71-9	122	PLUTONIUM-239	015117-48-3
51	NICKEL	007440-02-0	123	PLUTONIUM-238	013981-16-3
52	ENDOSULFAN SULFATE	001031-07-8	124	COAL TARS	008007-45-2
53	3,3'-DICHLOROBENZIDINE	000091-94-1	125	CHRYSOTILE ASBESTOS	012001-29-5
54	ENDOSULFAN	000115-29-7	126	LEAD-210	014255-04-0
55	TRANS-CHLORDANE	005103-74-2	127	CHLORPYRIFOS	002921-88-2
56	XYLENES, TOTAL	001330-20-7	128	PLUTONIUM	007440-07-5
57	ENDOSULFAN, ALPHA	000959-98-8	129	RADON-220	022481-48-7
58	DIBROMOCHLOROPROPANE	067708-83-2	130	AMERICIUM-241	086954-36-1
59	METHOXYCHLOR	000072-43-5	131	MANGANESE	007439-96-5
60	AROCLOR	012767-79-2	132	TRIBUTYLTIN	000688-73-3
61	BENZO(K)FLUORANTHENE	000207-08-9	132	IODINE-131	010043-66-0
62	ENDRIN KETONE	053494-70-5	134	HYDROGEN CYANIDE	000074-90-8
63	ENDOSULFAN, BETA	033213-65-9	135	GUTHION	000086-50-0
64	CHROMIUM(VI) OXIDE	001333-82-0	136	NEPTUNIUM-237	013994-20-2
65	METHANE	000074-82-8	137	CHLORDECONE	000143-50-0
66	ENDRIN ALDEHYDE	007421-93-4	137	PLUTONIUM-240	014119-33-6
67	AROCLOR 1232	011141-16-5	137	IODINE-129	015046-84-1
68	TOLUENE	000108-88-3	140	CHRYSENE	000218-01-9
69	BENZOFLUORANTHENE	056832-73-6	141	COPPER	007440-50-8
70	2-HEXANONE	000591-78-6	142	S,S,S-TRIBUTYL PHOSPHOTRITHIOATE	000078-48-8
71	ACROLEIN	000107-02-8	143	BROMINE	007726-95-6
72	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	001746-01-6	144	POLYBROMINATED BIPHENYLS	067774-32-7

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RANK	SUBSTANCE NAME	CAS#	RANK	SUBSTANCE NAME	CAS#
145	DICOFOL	000115-32-2	217	CESIUM-137	010045-97-3
146	PARATHION	000056-38-2	218	SILVER	007440-22-4
147	SELENIUM	007782-49-2	219	2-CHLOROPHENOL	000095-57-8
148	1,1,2,2-TETRACHLOROETHANE	000079-34-5	220	NITRITE	014797-65-0
149	HEXACHLOROCYCLOHEXANE, TECH GRADE	000608-73-1	221	CHROMIUM TRIOXIDE	007738-94-5
150	N-NITROSODIMETHYLAMINE	000062-75-9	222	NITRATE	014797-55-8
151	1,2,3-TRICHLOROBENZENE	000087-61-6	223	DINITROTOLUENE	025321-14-6
152	TRICHLOROFLUOROETHANE	027154-33-2	224	POTASSIUM-40	013966-00-2
153	TRIFLURALIN	001582-09-8	225	THORIUM-227	015623-47-9
154	DDD, O,P'	000053-19-0	226	COAL TAR PITCH	065996-93-2
155	4,4'-METHYLENEBIS(2-CHLOROANILINE)	000101-14-4	227	ARSENIC ACID	007778-39-4
156	HEXACHLORODIBENZO-P-DIOXIN	034465-46-8	228	2,4,5-TRICHLOROPHENOL	000095-95-4
157	HEPTACHLORODIBENZO-P-DIOXIN	037871-00-4	229	ARSENIC TRIOXIDE	001327-53-3
158	PENTACHLOROBENZENE	000608-93-5	230	ANTIMONY	007440-36-0
159	2-METHYLNAPHTHALENE	000091-57-6	231	PHORATE	000298-02-2
160	NITROGEN DIOXIDE	010102-44-0	231	DICHLOROPROP	000120-36-5
161	AMMONIA	007664-41-7	233	DIMETHOATE	000060-51-5
162	1,1-DICHLOROETHANE	000075-34-3	234	ACTINIUM-227	014952-40-0
163	1,1,2-TRICHLOROETHANE	000079-00-5	234	STROBANE	008001-50-1
164	1,4-DICHLOROBENZENE	000106-46-7	236	PYRETHRUM	008003-34-7
165	ACENAPHTHENE	000083-32-9	236	4-AMINOBIIPHENYL	000092-67-1
166	TRICHLOROETHANE	025323-89-1	236	BENZOPYRENE	073467-76-2
167	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	039001-02-0	239	ARSINE	007784-42-1
168	HEXACHLOROCYCLOPENTADIENE	000077-47-4	240	NALED	000300-76-5
169	HEPTACHLORODIBENZOFURAN	038998-75-3	241	DIBENZOFURANS, CHLORINATED	042934-53-2
170	1,2-DIPHENYLHYDRAZINE	000122-66-7	241	ETHOPROP	013194-48-4
171	2,3,4,7,8-PENTACHLORODIBENZOFURAN	057117-31-4	243	ALPHA-CHLORDENE	056534-02-2
172	TETRACHLOROBIPHENYL	026914-33-0	243	CARBOPHENOTHION	000786-19-6
173	CRESOL, PARA-	000106-44-5	245	DICHLORVOS	000062-73-7
174	OXYCHLORDANE	027304-13-8	246	CALCIUM ARSENATE	007778-44-1
175	1,2-DICHLOROETHENE, TRANS-	000156-60-5	246	MERCURIC CHLORIDE	007487-94-7
176	AMOSITE ASBESTOS	012172-73-5	246	URANIUM-233	013968-55-3
177	CARBON DISULFIDE	000075-15-0	249	PHENANTHRENE	000085-01-8
178	PENTACHLOROBUTADIENE	055880-77-8	250	CRESOLS	001319-77-3
178	AMERICIUM	007440-35-9	251	FORMALDEHYDE	000050-00-0
178	HEPTACHLOROBIPHENYL	028655-71-2	252	2,4-D ACID	000094-75-7
181	TETRACHLOROPHENOL	025167-83-3	253	HYDROGEN FLUORIDE	007664-39-3
182	1,2-DICHLOROBENZENE	000095-50-1	254	2-CHLOROANILINE	000095-51-2
183	INDENO(1,2,3-CD)PYRENE	000193-39-5	255	CHLORODIBROMOMETHANE	000124-48-1
184	HEXACHLORODIBENZOFURAN	055684-94-1	256	1,2,3-TRICHLOROPROPANE	000096-18-4
185	PALLADIUM	007440-05-3	257	BUTYLATE	002008-41-5
186	PHENOL	000108-95-2	258	DIMETHYL FORMAMIDE	000068-12-2
187	ACETONE	000067-64-1	259	PYRENE	000129-00-0
188	CHLOROETHANE	000075-00-3	260	DICHLOROBENZENE	025321-22-6
189	DIBENZOFURAN	000132-64-9	261	ETHYL ETHER	000060-29-7
190	P-XYLENE	000106-42-3	262	DICHLOROETHANE	001300-21-6
191	2,4-DIMETHYLPHENOL	000105-67-9	263	4-NITROPHENOL	000100-02-7
192	AROCLOR 1268	011100-14-4	264	1,3-DICHLOROPROPENE, CIS-	010061-01-5
193	CARBON MONOXIDE	000630-08-0	265	PHOSPHINE	007803-51-2
194	ALUMINUM	007429-90-5	266	TRICHLOROBENZENE	012002-48-1
195	PENTACHLORODIBENZOFURAN	030402-15-4	267	2,6-DINITROTOLUENE	000606-20-2
196	CHLOROMETHANE	000074-87-3	268	1,3-DICHLOROPROPENE, TRANS-	010061-02-6
197	HYDROGEN SULFIDE	007783-06-4	269	FLUORIDE ION	016984-48-8
198	BIS(2-METHOXYETHYL) PHTHALATE	034006-76-3	270	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	035822-46-9
199	CRESOL, ORTHO-	000095-48-7	271	METHYL PARATHION	000298-00-0
200	BUTYL BENZYL PHTHALATE	000085-68-7	272	CARBAZOLE	000086-74-8
201	2,3,5,6-TETRACHLOROPHENOL	000935-95-5	273	BIS(2-ETHYLHEXYL)ADIPATE	000103-23-1
202	HEXACHLOROETHANE	000067-72-1	274	METHYL ISOBUTYL KETONE	000108-10-1
203	VANADIUM	007440-62-2	275	STYRENE	000100-42-5
204	1,3-BUTADIENE	000106-99-0	276	CARBARYL	000063-25-2
205	TETRACHLOROETHANE	025322-20-7	277	1,2-DICHLOROETHENE, CIS-	000156-59-2
206	1,2,4-TRICHLOROBENZENE	000120-82-1	278	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	067562-39-4
207	BROMOFORM	000075-25-2	279	1-METHYLNAPHTHALENE	000090-12-0
208	TETRACHLORODIBENZO-P-DIOXIN	041903-57-5	280	MALATHION	000121-75-5
209	1,3-DICHLOROBENZENE	000541-73-1	281	1,3-DINITROBENZENE	000099-65-0
210	2,4-DICHLOROPHENOL	000120-83-2	282	DICHLOROETHYLENE	025323-30-2
211	N-NITROSODIPHENYLAMINE	000086-30-6	283	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	072918-21-9
212	PENTACHLORODIBENZO-P-DIOXIN	036088-22-9	284	METOLACHLOR	051218-45-2
213	1,2-DICHLOROETHYLENE	000540-59-0	285	1,2-DICHLOROPROPANE	000078-87-5
214	2-BUTANONE	000078-93-3	286	TETRACHLORODIBENZOFURAN	030402-14-3
215	DIBENZOTHIOPHENE	000132-65-0	287	DIMETHYLANILINE	000121-69-7
216	2,3,7,8-TETRACHLORODIBENZOFURAN	051207-31-9	288	THALLIUM	007440-28-0

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RANK	SUBSTANCE NAME	CAS#	RANK	SUBSTANCE NAME	CAS#
289	FLUORENE	000086-73-7	360	2,3,4,6-TETRACHLOROPHENOL	000058-90-2
290	1,4-DIOXANE	000123-91-1	360	ETHANETHIOL	000075-08-1
291	OCTACHLORODIBENZO-P-DIOXIN	003268-87-9	360	CAPTAN	000133-06-2
292	NONACHLOR, TRANS-	039765-80-5	360	1-HYDROXYCHLORDENE	002597-11-7
293	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	057653-85-7	365	CYCLOTETRAMETHYLENE TETRANITRAMINE	002691-41-0
294	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	019408-74-3	366	(TRICHLOROMETHYL)BENZENE	000098-07-7
294	NONACHLOR, CIS-	005103-73-1	366	2-BUTENE	000107-01-7
296	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	057117-44-9	366	TETRAETHYL LEAD	000078-00-2
297	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	070648-26-9	369	CALCIUM HYPOCHLORITE	007778-54-3
298	PENTACHLOROETHANE	000076-01-7	369	COPPER CHLORIDE	001344-67-8
299	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	040321-76-4	371	CUPRIC SULFATE	007758-98-7
300	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	039227-28-6	371	PHOSGENE	000075-44-5
301	PICRIC ACID	000088-89-1	371	CARBOFURAN	001563-66-2
302	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	060851-34-5	371	CHLORINATED PHENOL	001336-35-2
303	4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID	000094-82-6	375	ZINC OXIDE	001314-13-2
304	CHLORDENE	003734-48-3	375	SULFUR-35	015117-53-0
304	BIS(CHLOROMETHYL) ETHER	000542-88-1	375	CALCIUM CARBIDE	000075-20-7
306	2,3,4,5-TETRACHLOROPHENOL	004901-51-3	375	CHLOROBENZILATE	000510-15-6
306	DIBROMOCHLOROETHANE	073506-94-2	375	GLYCIDYLALDEHYDE	000765-34-4
308	O-XYLENE	000095-47-6	375	LEAD(+2) SULFATE	015739-80-7
309	RUTHENIUM-106	013967-48-1	375	2,3,5-TRICHLOROPHENOL	000933-78-8
310	OZONE	010028-15-6	375	HEXACHLORONORBORNADIENE	003389-71-7
310	CESIUM-134	013967-70-9	375	ARAMITE	000140-57-8
312	ANTHRACENE	000120-12-7	375	ALUMINUM CHLORIDE	007446-70-0
313	METHYLNAPHTHALENE	001321-94-4	375	THIOUREA	000062-56-6
314	METHYL METHACRYLATE	000080-62-6	375	COKE, COAL	065996-77-2
315	SULFURIC ACID	007664-93-9	375	EPN	002104-64-5
316	M-XYLENE	000108-38-3	388	2-AMINO-4,6-DINITROTOLUENE	035572-78-2
317	CHLORODIFLUOROMETHANE	000075-45-6	389	HEXANE, N-	000110-54-3
318	ISOPROPANOL	000067-63-0	390	ISOPROPYL ETHER	000108-20-3
319	TIN	007440-31-5	391	ACRYLONITRILE	000107-13-1
320	SULFUR DIOXIDE	007446-09-5	392	ETHANOL	000064-17-5
321	TETRAHYDROFURAN	000109-99-9	393	MIREX	002385-85-5
322	BENZO(A)FLUORANTHENE	000203-33-8	394	BIPHENYL	000092-52-4
323	4-CHLOROANILINE	000106-47-8	395	COBALT-60	010198-40-0
324	DIETHYL PHTHALATE	000084-66-2	396	DIMETHYLNAPHTHALENE	028804-88-8
325	AZOBENZENE	000103-33-3	397	ATRAZINE	001912-24-9
326	2,4,5-TP ACID	000093-72-1	398	TECHNETIUM-99	014133-76-7
327	GLYCOL ETHER	000111-46-6	399	UREA	000057-13-6
328	DINOSEB	000088-85-7	400	DIURON	000330-54-1
329	BENZO(GHI)PERYLENE	000191-24-2	400	2,3-DIMETHYLNAPHTHALENE	000581-40-8
330	PROPANOL	000071-23-8	400	TRANS-1,2-DICHLOROPROPENE	007069-38-7
331	NITROBENZENE	000098-95-3	403	SULFIDE	018496-25-8
332	2,3-BENZOFURAN	000271-89-6	404	DIMETHYL PHTHALATE	000131-11-3
333	TRICHLOROFLUOROMETHANE	000075-69-4	405	DICHLORODIFLUOROMETHANE	000075-71-8
334	BENZOIC ACID	000065-85-0	406	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	000076-13-1
335	DI-N-OCTYL PHTHALATE	000117-84-0	407	PHOSPHORIC ACID	007664-38-2
336	PHENOLICS	064743-03-9	408	FORMIC ACID, METHYL ESTER	000107-31-3
337	MOLYBDENUM	007439-98-7	409	MONOBROMODIPHENYL ETHER	000101-55-3
338	2-NITROPHENOL	000088-75-5	410	ANILINE	000062-53-3
339	BORON	007440-42-8	411	ISOPHORONE	000078-59-1
340	2-CHLOROETHYL VINYL ETHER	000110-75-8	412	BAGHOUSE DUST (LIME)	068919-24-4
341	VINYL ACETATE	000108-05-4	413	ETHYLENE GLYCOL	000107-21-1
342	CHROMIUM, TRIVALENT	016065-83-1	414	DIMETHYL SULFATE	000077-78-1
343	2,4,5-T	000093-76-5	415	ETHYL ACETATE	000141-78-6
344	TITANIUM	007440-32-6	416	CUMENE	000098-82-8
345	HYDROCHLORIC ACID	007647-01-0	417	DIBROMOMETHANE	000074-95-3
346	PERCHLORATE	014797-73-0	418	ALACHLOR	015972-60-8
347	FLUORINE	007782-41-4	419	BROMOCHLOROMETHANE	000074-97-5
348	LITHIUM	007439-93-2	420	4-CHLOROPHENOL	000106-48-9
349	METHYL-T-BUTYL ETHER	001634-04-4	421	DIPHENYLAMINE	000122-39-4
350	ACENAPHTHYLENE	000208-96-8	422	P-CHLORO-M-CRESOL	000059-50-7
351	TRICHLOROPHENOL	025167-82-2	423	INDENOPYRENE	072254-06-9
352	BROMODICHLOROMETHANE	000075-27-4	424	METHYL ISOPROPYL KETONE	000563-80-4
353	1,1,1,2-TETRACHLOROETHANE	000630-20-6	425	NITROPHENOL	025154-55-6
354	DICHLOROBROMOETHANE	073506-91-9	426	BROMOMETHANE	000074-83-9
355	CYANIDE, SODIUM	000143-33-9	427	SULFUR	007704-34-9
356	BENZO(J)FLUORANTHENE	000205-82-3	428	CYANAZINE	021725-46-2
357	LEAD OXIDE	001317-36-8	429	PYRIDINE	000110-86-1
357	SODIUM DICROMATE	010588-01-9	430	METHYL-4-(1-METHYLETHYL)BENZENE	000099-87-6
359	PENTAERYTHRITOL TETRANITRATE	000078-11-5	431	METHANOL	000067-56-1
360	1,1-DIMETHYLHYDRAZINE	000057-14-7	432	P-CHLOROPHENYL METHYL SULFOXIDE	000934-73-6

## CANDIDATE SUBSTANCES FOR THE 2003 PRIORITY LIST, SORTED BY RANK

RANK	SUBSTANCE NAME	CAS#	RANK	SUBSTANCE NAME	CAS#
433	TRINITROPHENYLMETHYLNITRAMINE	000479-45-8	503	DINITROBENZENE	025154-54-5
434	CRESOL, META-	000108-39-4	503	METHOMYL	016752-77-5
435	DIMETHYSULFIDE	000075-18-3	503	ETHYLNAPHTHALENE	027138-19-8
436	PERYLENE	000198-55-0	503	2,5-DIMETHYLPHENOL	000095-87-4
437	1,2,3,7,8-PENTACHLORODIBENZOFURAN	057117-41-6	503	3-PENTEN-2-ONE	000625-33-2
438	LEAD-212	015092-94-1	503	NICKEL CHLORIDE	007718-54-9
439	IODINE	007553-56-2	511	DICHLOROPHENOL	025167-81-1
439	1,3-DICHLOROPROPENE	000542-75-6	511	1,2-DICHLOROPROPENE	000563-54-2
441	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	055673-89-7	511	3-NITROPHENOL	000554-84-7
441	OCTACHLOROSTYRENE	029082-74-4	511	AMMONIUM FLUORIDE	012125-01-8
443	RADIUM-224	013233-32-4	515	1,3,5-TRICHLOROENZENE	000108-70-3
444	4-CHLOROPHENYL PHENYL ETHER	007005-72-3	515	2,3-DIMETHYLPHENOL	000526-75-0
445	1,1-DICHLOROPROPENE	000563-58-6	515	SILANE	007803-62-5
445	DIMETHYL METHYLPHOSPHONATE	000756-79-6	515	2-METHYLPROPANE	000075-28-5
445	2-FLUOROPHENOL	000367-12-4	515	1,6-DIMETHYLNAPHTHALENE	000575-43-9
445	4-AMINO-2,6-DINITROTOLUENE	019406-51-0	515	SODIUM HYPOCHLORITE	007681-52-9
449	INDIUM	007440-74-6	515	PENTACHLOROMETHOXYBENZENE	001830-21-4
450	BROMACIL	000314-40-9	522	TRIBUTYLPHOSPHATE	000126-73-8
451	4-NITROANILINE	000100-01-6	522	DIETHYLAMINE	000109-89-7
452	TRITIUM	010028-17-8	522	PROPOXUR	000114-26-1
453	SEC-BUTYLBENZENE	000135-98-8	522	2-METHYL-4,6-DINITROPHENOL, AMMONIUM SALT	002980-64-5
454	LEAD-214	015067-28-4	522	DIBORANE	019287-45-7
454	BISMUTH-214	014733-03-0	522	EUROPIUM-154	015585-10-1
456	TUNGSTEN	007440-33-7	522	STRONTIUM-89	014158-27-1
456	PROPYL ACETATE	000109-60-4	522	CARBON BLACK	001333-86-4
458	GERMANIUM	007440-56-4	522	SODIUM-22	013966-32-0
458	METHYL ISOAMYL KETONE	000110-12-3	522	3,5-DINITROANILINE	000618-87-1
460	ISOPROPYL ACETATE	000108-21-4	522	BORON TRIBROMIDE	010294-33-4
460	MERPHOS	000150-50-5	522	TRICRESYL PHOSPHATE	001330-78-5
460	1,1-DICHLORO-1-PROPANE	000078-99-9	522	ASPHALT	008052-42-4
463	BIS(2-CHLOROISOPROPYL) ETHER	039638-32-9	522	CHLOROACETIC ACID	000079-11-8
464	1,2,3,4-TETRACHLOROENZENE	000634-66-2	522	ETHYLAMINE	000075-04-7
465	BENZO(E)PYRENE	000192-97-2	522	2,3-DICHLORO-1-PROPENE	000078-88-6
466	DICAMBA	001918-00-9	522	TRIOCTYL PHOSPHATE	000078-42-2
467	ACETONITRILE	000075-05-8	522	POTASSIUM PERMANGANATE	007722-64-7
468	2-CHLOROTOLUENE	000095-49-8	522	BORON TRICHLORIDE	010294-34-5
469	METHYL ACETATE	000079-20-9	522	CARBONYL SULFIDE	000463-58-1
470	2-ETHYLHEXANOL	000104-76-7	522	URETHANE, SOLIDIFIED	000051-79-6
471	3,4-XYLENOL	000095-65-8	522	2-CHLOROACETOPHENONE	000532-27-4
472	BIS(2-CHLORO-1-METHYLETHYL) ETHER	000108-60-1	522	MUSTARD GAS	000505-60-2
473	BUTYL ACETATE	000123-86-4	522	FICAM	022781-23-3
474	METHYLPHENANTHRENE	031711-53-2	546	2-CHLORONAPHTHALENE	000091-58-7
475	MECOPROP	007085-19-0	547	PROPANOIC ACID	000079-09-4
476	BIS(2-CHLOROETHOXY)METHANE	000111-91-1	548	DIMETHYLPHENOL	001300-71-6
477	TRIMETHYL PHENANTHRENE	030232-26-9	549	SODIUM HYDROXIDE	001310-73-2
477	DIMETHYL PHENANTHRENE	029062-98-4	550	2-NITROTOLUENE	000088-72-2
479	3,3,5-TRIMETHYLCYCLOHEXANONE	000873-94-9	551	TRIGLYCOL DICHLORIDE	000112-26-5
479	PEBULATE	001114-71-2	552	OCTACHLOROCYCLOPENTENE	000706-78-5
481	3-NITROANILINE	000099-09-2	553	1,3-DICHLOROPROPANE	000142-28-9
482	PENTANAL	000110-62-3	554	BENZOPERYLENE	011057-45-7
483	2-METHYLPYRIDINE	000109-06-8	555	BROMIDE	024959-67-9
484	CHLOROTOLUENE	025168-05-2	556	BENZALDEHYDE	000100-52-7
485	TELLURIUM	013494-80-9	557	DIMETHYL DISULFIDE	000624-92-0
486	CYCLOHEXANE	000110-82-7	558	3-CHLOROPROPENE	000107-05-1
487	FURAN	000110-00-9	558	ACETALDEHYDE	000075-07-0
487	METHYL MERCAPTAN	000074-93-1	560	PROPYLENE GLYCOL	000057-55-6
489	CHLOROPHENOL	025167-80-0	561	AMMONIUM SULFATE	007783-20-2
489	ACRIDINE	000260-94-6	562	CHLOROFLUOROMETHANE	000593-70-4
491	DICHLOROPROPENE	026952-23-8	562	4-NITROTOLUENE	000099-99-0
492	BENZOPHENONE	000119-61-9	562	1-ETHYL-3-METHYLBENZENE	000620-14-4
493	PENTACHLORONITROBENZENE	000082-68-8	565	METHACRYLONITRILE	000126-98-7
494	TRIMETHYLNAPHTHALENE	028652-77-9	565	BISMUTH-212	014913-49-6
495	AMMONIUM NITRATE	006484-52-2	567	SULFUROUS ACID	007782-99-2
496	CARBON-14	014762-75-5	568	ISOBUTYRALDEHYDE	000078-84-2
497	DIPHENYL OXIDE	000101-84-8	568	MONOSODIUM METHANEARSONATE	002163-80-6
498	ALLYL ALCOHOL	000107-18-6	568	2-FLUOROBIPHENYL	000321-60-8
499	NITROCELLULOSE	009004-70-0	568	DICHLOROPROPANE	026638-19-7
500	TETRACHLOROTOLUENE	005216-25-1	568	N-BUTYLCHLORIDE	000109-69-3
501	BENZYL CHLORIDE	000100-44-7	573	CAPROLACTAM	000105-60-2
501	CYCLOHEXANOL	000108-93-0	574	1,2,4,5-TETRACHLOROENZENE	000095-94-3
503	CHLORINATED ETHANE DERIVATIVES	068411-72-3	575	TERT-BUTYLBENZENE	000098-06-6
503	PROPAZINE	000139-40-2	576	PHOSPHATE	014265-44-2

## CANDIDATE SUBSTANCES FOR THE 2003 PRIORITY LIST, SORTED BY RANK

RANK	SUBSTANCE NAME	CAS#	RANK	SUBSTANCE NAME	CAS#
577	3,5-DIMETHYLPHENOL	000108-68-9	639	AMMONIUM PERSULFATE	007727-54-0
578	CERIUM	007440-45-1	639	PROPANIL	000709-98-8
579	P-CHLOROTOLUENE	000106-43-4	639	P-METHYL STYRENE	000622-97-9
580	2-METHYL-4-CHLOROPHOENYOXYACETIC ACID	000094-74-6	639	MANGANESE DIOXIDE	001313-13-9
581	BROMOBENZENE	000108-86-1	639	TANNIN	001401-55-4
581	BENZOPHENANTHRENE	000195-19-7	639	THIONYL CHLORIDE	007719-09-7
581	NEODYMIUM	007440-00-8	639	HEXAHYDROAZEPINONE	070874-80-5
584	DYSPROSIUM	007429-91-6	639	BORON TRIFLUORIDE	007637-07-2
584	DICHLOROTRIFLUOROETHANE	034077-87-7	639	BARIIUM CHLORIDE	010361-37-2
584	PRASEODYMIUM	007440-10-0	639	2-CHLOROPYRIDINE	000109-09-1
584	SAMARIUM	007440-19-9	659	VINYL TOLUENE	025013-15-4
584	TETRACHLOROENZENE	012408-10-5	660	DIBENZODIOXIN	000262-12-4
584	2,2-DICHLOROPROPIONIC ACID	000075-99-0	661	2-BUTOXYETHANOL	000111-76-2
584	EUROPIUM	007440-53-1	662	ACETIC ACID	000064-19-7
591	YTTERBIUM	007440-64-4	663	1-BUTANOL	000071-36-3
592	CYMENE	025155-15-1	664	INDANE	000095-13-6
593	1-METHYLPHENANTHRENE	000832-69-9	665	QUINOLINE	000091-22-5
593	GALLIUM	007440-55-3	666	CYCLOHEXANONE	000108-94-1
593	DIBUTYL CHLORENDATE	001770-80-5	667	METHYL ISOBUTYL CARBINOL	000108-11-2
593	CHROMIUM-51	014392-02-0	668	SEC-BUTYL ALCOHOL	000078-92-2
593	SCANDIUM	007440-20-2	669	ETHYLMETHYLBENZENE	025550-14-5
598	INDAN	000496-11-7	670	ISOBUTYL ALCOHOL	000078-83-1
599	NITRIC ACID	007697-37-2	670	ACETOPHENONE	000098-86-2
600	BENZO(B)THIOPHENE	000095-15-8	672	1-ETHYL-2-METHYLBENZENE	000611-14-3
601	HYDROGEN PEROXIDE	007722-84-1	673	CAMPHOR	000076-22-2
602	POTASSIUM HYDROXIDE	001310-58-3	674	2-ETHOXY ETHER ACETATE	000111-15-9
603	THORIUM-234	015065-10-8	675	CHLORONAPHTHALENE	025586-43-0
604	ACETYLENE	000074-86-2	676	PHENANTHRIDINE	000229-87-8
604	LIME	001305-78-8	676	DICHLOROTOLUENE	029797-40-8
606	AMMONIUM HYDROXIDE	001336-21-6	676	1,4-OXATHIANE	015980-15-1
606	HEXANOIC ACID	000142-62-1	679	ETHANOLAMINE	000141-43-5
606	ALUMINUM OXIDE	001344-28-1	679	TRIETHYLAMINE	000121-44-8
609	HYDROGEN	001333-74-0	679	LIME, HYDRATED	001305-62-0
610	ISOQUINOLINE	000119-65-3	679	BENZONITRILE	000100-47-0
611	2-PENTANONE	000107-87-9	683	CYCLOPROPYLBENZENE	000873-49-4
611	TRIPHENYLENE	000217-59-4	683	METHYLBENZOIC ACID	025567-10-6
613	BROMOETHANE	000074-96-4	683	DICHLORONAPHTHALENE	028699-88-9
613	CHLOROANILINE	027134-26-5	683	TRICHLORONAPHTHALENE	001321-65-9
615	BUTYRALDEHYDE	000123-72-8	687	COAL FLY ASH	068131-74-8
615	4-CHLOROENZOIC ACID	000074-11-3	687	1-HEXANOL	000111-27-3
615	THIOPHENE	000110-02-1	687	TRISODIUM PHOSPHATE	007601-54-9
618	ZINC CHLORIDE	007646-85-7	687	METHYL-2-PYRROLIDINONE	051013-18-4
619	TRIFLUOROTOLUENE	000098-08-8	687	ADIPIC ACID	000124-04-9
619	PROMETON	001610-18-0	687	AMMONIUM CHLORIDE	012125-02-9
619	PHENYL ACETIC ACID	000122-79-2	693	BORIC ACID	010043-35-3
619	TETRACHLOROBUTADIENE	058334-79-5	693	PHTHALIC ANHYDRIDE	000085-44-9
619	CHLOROENZOIC ACID	026264-09-5	693	2-CYCLOHEXEN-1-ONE	000930-68-7
624	CELLOSOLVE	000110-80-5	693	TITANIUM DIOXIDE	013463-67-7
624	ANTIMONY TRIOXIDE	001309-64-4	693	OLEIC ACID	000112-80-1
624	TURPENTINE	008006-64-2	693	DICHLOROSILANE	004109-96-0
624	CALCIUM CHLORIDE	010043-52-4	693	FURFURAL	000098-01-1
624	FERRIC CHLORIDE	007705-08-0	700	ALUMINUM HYDROXIDE	021645-51-2
629	BENZOTHIAZOLE	000095-16-9	700	EDTA	000060-00-4
629	SODIUM AZIDE	026628-22-8	700	NITROANILINE	029757-24-2
629	FERROUS SULFATE	007720-78-7	700	AMMONIUM THIOCYANATE	001762-95-4
629	HEXANAL	000066-25-1	700	FLUOROBORIC ACID	016872-11-0
629	2-METHYL-2-PROPANOL	000075-65-0	700	ETHYLENEDIAMINE	000107-15-3
629	PENTANOIC ACID	000109-52-4	700	NONANOIC ACID	000112-05-0
629	4,4'-(1-METHYLETHYLIDENE)BIS-PHENOL	000080-05-7	700	POLYVINYL CHLORIDE	009002-86-2
629	AMYL ALCOHOL	000071-41-0	700	OLEUM	008014-95-7
629	MAGNESIUM OXIDE	001309-48-4	700	BORAX	001303-96-4
629	SILICON TETRACHLORIDE	010026-04-7	700	TURCO	100831-41-2
639	TRIETHANOLAMINE	000102-71-6	700	ACRYLAMIDE	000079-06-1
639	NITROMETHANE	000075-52-5	700	TRIETHYL PHOSPHATE	000078-40-0
639	9,10-ANTHRACENEDIONE	000084-65-1	700	SODIUM SILICATE	006834-92-0
639	BENZOYL PEROXIDE	000094-36-0	700	DIBENZ(A,J)ANTHRACENE	000224-41-9
639	1-CHLORO-2-BROMOPROPANE	003017-95-6	700	SODIUM HEXAMETAPHOSPHATE	010124-56-8
639	CHLORONITROENZENE	025167-93-5	700	2-PENTANOL	006032-29-7
639	DIMETHYLAMINE	000124-40-3	700	CARBONATE	003812-32-6
639	1-(2-PROPENYL)NAPHTHALENE	002489-86-3	718	GOLD	007440-57-5
639	TELVAR	000150-68-5	718	SODIUM PHOSPHATE	007632-05-5
639	PHOSPHORUS OXYCHLORIDE	010025-87-3	718	TROMETHAMINE	000077-86-1

## CANDIDATE SUBSTANCES FOR THE 2003 PRIORITY LIST, SORTED BY RANK

RANK	SUBSTANCE NAME	CAS#	RANK	SUBSTANCE NAME	CAS#
718	CESIUM	007440-46-2	718	2-NITROANILINE	000088-74-4
718	HELIUM	007440-59-7	718	SULFUR HEXAFLUORIDE	002551-62-4
718	SODIUM NITRATE	007631-99-4	718	OCTANAL	000124-13-0
718	YTTRIUM	007440-65-5	718	1-METHYLPYRENE	002381-21-7
718	BENZILIC ACID	000076-93-7	718	BENZO(GHI)FLUORANTHENE	000203-12-3
718	POTASSIUM CHLORIDE	007447-40-7	718	DACTHAL	001861-32-1
718	ZIRCONIUM	007440-67-7	718	IRON OXIDE	001332-37-2
718	CALCIUM	007440-70-2	718	CALCIUM CARBONATE	001317-65-3
718	FREON 114	000076-14-2	718	MAGNESIUM HYDROXIDE	001309-42-8
718	SILICA, AMORPHOUS	007631-86-9	718	IRON	007439-89-6
718	BUTANOL	035296-72-1	803	DECANE	000124-18-5
718	NITROGEN OXIDE	010024-97-2	803	TRIMETHYL BENZENE	025551-13-7
718	HYDROGEN CARBONATE	000071-52-3	803	PROPYLENE	000115-07-1
718	CHLORIDE	016887-00-6	803	DIMETHYLCYCLOHEXANE	027195-67-1
718	IODIDE	020461-54-5	803	CUTTING OIL	064771-79-5
718	TETRAMETHYLBENZENE	025619-60-7	803	1,3,5-TRIMETHYLBENZENE	000108-67-8
718	FERROCYNIDE	013408-63-4	803	METHYLCYCLOHEXANE	000108-87-2
718	METHYLINDENE	029036-25-7	803	BUTANE	000106-97-8
718	BENZOTHIOPHENE	011095-43-5	803	FUEL OIL NO. 2	068476-30-2
718	2-BUTOXYETHANOL PHOSPHATE	039454-62-1	803	BUTYLBENZENE	068411-44-9
718	POLYESTER RESINS	063148-69-6	803	DIESEL FUEL	068334-30-5
718	OCTADECANOIC ACID	000057-11-4	803	GREASE	068153-81-1
718	9-HEXADECANOIC ACID	000057-10-3	803	JP-4	050815-00-4
718	BATTERIES, SCRAP	094551-99-2	803	OCTANE	000111-65-9
718	ETCHANT BUFFERED OXIDE	103171-30-8	803	DIMETHYL HEXANE	028777-67-5
718	TRICHLOROTRIFLUOROETHANE	026523-64-8	803	MINERAL SPIRITS	064475-85-0
718	OXYGEN	007782-44-7	803	NONANE	000111-84-2
718	TRIFLUOROMETHANE	000075-46-7	803	N-BUTYLBENZENE	000104-51-8
718	NITROGEN	007727-37-9	803	N-PROPYL BENZENE	000103-65-1
718	DICHLOROFUOROMETHANE	000075-43-4	803	DIMETHYLHEPTANE	030498-66-9
718	BARIUM SULFATE	007727-43-7	803	DODECANE	000112-40-3
718	SODIUM SULFATE	007757-82-6	803	TRIMETHYLPENTANE	029222-48-8
718	SULFATE	014808-79-8	803	EICOSANE	000112-95-8
718	CALCIUM SULFATE	007778-18-9	803	N-PENTANE	000109-66-0
718	SODIUM CHLORIDE	007647-14-5	803	PROPENYLBENZENE	000637-50-3
718	POLYETHYLENE	009002-88-4	803	KEROSENE	008008-20-6
718	POLYVINYL ALCOHOL	009002-89-5	803	AUTOMOTIVE GASOLINE	008006-61-9
718	ACRYLIC ACID POLYMER	009003-01-4	803	PETROLEUM AND PETROLEUM DISTILLATES	008002-05-9
718	CARBON	007440-44-0	803	TRIDECANE	000629-50-5
718	2-PROPYL-1-HEPTANOL	010042-59-8	803	N-TETRADECANE	000629-59-4
718	LANTHANUM	007439-91-0	803	PENTADECANE	000629-62-9
718	SODIUM SULFITE	007757-83-7	803	1,2,3-TRIMETHYLBENZENE	000526-73-8
718	CARBON DIOXIDE	000124-38-9	803	HENEICOSANE	000629-94-7
718	HEXAMETHYLDISILAZANE	000999-97-3	803	NAPALM	008031-21-8
718	HEXANEDIOIC ACID, DIOCTYL ESTER	000123-79-5	803	N-UNDECANE	001120-21-4
718	DIACETONE ALCOHOL	000123-42-2	803	4-METHYLOCTANE	002216-34-4
718	HEPTANAL	000111-71-7	803	1,3-DIMETHYLCYCLOPENTANE	002453-00-1
718	CARBAMIC ACID	000463-77-4	803	TRIMETHYLCYCLOHEXANE	003073-66-3
718	1,4-DITHIANE	000505-29-3	803	2-METHYL-1-PENTENE	000763-29-1
718	POTASSIUM	007440-09-7	803	DICYCLOPENTADIENE	000077-73-6
718	BENZENEACETIC ACID	000103-82-2	803	2-METHYLBUTANE	000078-78-4
718	INDOLE	000120-72-9	803	HEPTADECANE	000629-78-7
718	OCTANOIC ACID	000124-07-2	803	3-METHYLHEXANE	000589-34-4
718	METHYL BENZOATE	000093-58-3	803	METHYLCYCLOPENTANE	000096-37-7
718	ARGON	007440-37-1	803	3-METHYLPENTANE	000096-14-0
718	BENZYL ALCOHOL	000100-51-6	803	CYCLOPENTANE	000287-92-3
718	BUTYL CARBITOL	000112-34-5	803	CYCLOHEXADECANE	000295-65-8
718	DIETHYL CARBITOL	000112-36-7	803	1,2,4-TRIMETHYLBENZENE	000095-63-6
718	TETRAHYDRONAPHTHALENE	000119-64-2	803	1,3,5-CYCLOHEPTATRIENE	000544-25-2
718	4-ETHYLTOLUENE	000622-96-8	803	ETHANE	000074-84-0
718	POTASSIUM CARBONATE	000584-08-7	803	MINERAL OIL	008012-95-1
718	TETRADECANOIC ACID	000544-63-8	803	HEXADECANE	000544-76-3
718	BICARBONATE OF SODA	000144-55-8	803	NAPHTHA	008030-30-6
718	STRONTIUM	007440-24-6	803	2-METHYLHEXANE	000591-76-4
718	2-METHYL-2,4-PENTANEDIOL	000107-41-5	803	2-HEXENE	000592-43-8
718	SODIUM	007440-23-5	803	OCTADECANE	000593-45-3
718	SILICON	007440-21-3	803	PROPANE	000074-98-6
718	RUBIDIUM	007440-17-7	803	STODDARD SOLVENT	008052-41-3
718	BUTYLATED HYDROXYTOLUENE	000128-37-0	803	PETROLEUM ETHER	008032-32-4
718	MAGNESIUM	007439-95-4	803	N-HEPTANE	000142-82-5
718	PHTHALIC ACID	000088-99-3	803	ETHYLENE	000074-85-1
718	DDE, O,P'-	003424-82-6			