

## CANDIDATE SUBSTANCES FOR THE 2003 PRIORITY LIST, SORTED BY CAS NUMBER

RANK	SUBSTANCE NAME	CAS#	RANK	SUBSTANCE NAME	CAS#
251	FORMALDEHYDE	000050-00-0	207	BROMOFORM	000075-25-2
12	DDT, P,P'-	000050-29-3	352	BROMODICHLOROMETHANE	000075-27-4
9	BENZO(A)PYRENE	000050-32-8	515	2-METHYLPROPANE	000075-28-5
85	2,4-DINITROPHENOL	000051-28-5	162	1,1-DICHLOROETHANE	000075-34-3
522	URETHANE, SOLIDIFIED	000051-79-6	77	1,1-DICHLOROETHENE	000075-35-4
154	DDD, O,P'-	000053-19-0	718	DICHLOROFLUOROMETHANE	000075-43-4
15	DIBENZO(A,H)ANTHRACENE	000053-70-3	371	PHOSGENE	000075-44-5
43	CARBON TETRACHLORIDE	000056-23-5	317	CHLORODIFLUOROMETHANE	000075-45-6
146	PARATHION	000056-38-2	718	TRIFLUOROMETHANE	000075-46-7
35	BENZO(A)ANTHRACENE	000056-55-3	639	NITROMETHANE	000075-52-5
718	9-HEXADECANOIC ACID	000057-10-3	74	DIMETHYLARSINIC ACID	000075-60-5
718	OCTADECANOIC ACID	000057-11-4	629	2-METHYL-2-PROPANOL	000075-65-0
28	CYANIDE	000057-12-5	333	TRICHLOROFLUOROMETHANE	000075-69-4
399	UREA	000057-13-6	405	DICHLORODIFLUOROMETHANE	000075-71-8
360	1,1-DIMETHYLHYDRAZINE	000057-14-7	584	2,2-DICHLOROPROPIONIC ACID	000075-99-0
560	PROPYLENE GLYCOL	000057-55-6	298	PENTACHLOROETHANE	000076-01-7
20	CHLORDANE	000057-74-9	406	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	000076-13-1
32	HEXACHLOROCYCLOHEXANE, GAMMA-	000058-89-9	718	FREON 114	000076-14-2
360	2,3,4,6-TETRACHLOROPHENOL	000058-90-2	673	CAMPHOR	000076-22-2
422	P-CHLORO-M-CRESOL	000059-50-7	33	HEPTACHLOR	000076-44-8
700	EDTA	000060-00-4	718	BENZILIC ACID	000076-93-7
261	ETHYL ETHER	000060-29-7	168	HEXACHLOROCYCLOPENTADIENE	000077-47-4
233	DIMETHOATE	000060-51-5	803	DICYCLOPENTADIENE	000077-73-6
18	DIELDRIN	000060-57-1	414	DIMETHYL SULFATE	000077-78-1
410	ANILINE	000062-53-3	718	TROMETHAMINE	000077-86-1
375	THIOUREA	000062-56-6	366	TETRAETHYL LEAD	000078-00-2
245	DICHLORVOS	000062-73-7	359	PENTAERYTHRITOL TETRANITRATE	000078-11-5
150	N-NITROSODIMETHYLAMINE	000062-75-9	700	TRIETHYL PHOSPHATE	000078-40-0
276	CARBARYL	000063-25-2	522	TRIOCTYL PHOSPHATE	000078-42-2
392	ETHANOL	000064-17-5	142	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE	000078-48-8
662	ACETIC ACID	000064-19-7	411	ISOPHORONE	000078-59-1
334	BENZOIC ACID	000065-85-0	803	2-METHYLBUTANE	000078-78-4
629	HEXANAL	000066-25-1	670	ISOBUTYL ALCOHOL	000078-83-1
431	METHANOL	000067-56-1	568	ISOBUTYRALDEHYDE	000078-84-2
318	ISOPROPANOL	000067-63-0	285	1,2-DICHLOROPROPANE	000078-87-5
187	ACETONE	000067-64-1	522	2,3-DICHLORO-1-PROPENE	000078-88-6
11	CHLOROFORM	000067-66-3	668	SEC-BUTYL ALCOHOL	000078-92-2
202	HEXACHLOROETHANE	000067-72-1	214	2-BUTANONE	000078-93-3
258	DIMETHYL FORMAMIDE	000068-12-2	460	1,1-DICHLORO-1-PROPANE	000078-99-9
330	PROPANOL	000071-23-8	163	1,1,2-TRICHLOROETHANE	000079-00-5
663	1-BUTANOL	000071-36-3	16	TRICHLOROETHYLENE	000079-01-6
629	AMYL ALCOHOL	000071-41-0	700	ACRYLAMIDE	000079-06-1
6	BENZENE	000071-43-2	547	PROPANOIC ACID	000079-09-4
718	HYDROGEN CARBONATE	000071-52-3	522	CHLOROACETIC ACID	000079-11-8
95	1,1,1-TRICHLOROETHANE	000071-55-6	469	METHYL ACETATE	000079-20-9
39	ENDRIN	000072-20-8	148	1,1,2,2-TETRACHLOROETHANE	000079-34-5
59	METHOXYCHLOR	000072-43-5	629	4,4'-(1-METHYLETHYLIDENE)BIS-PHENOL	000080-05-7
24	DDD, P,P'-	000072-54-8	314	METHYL METHACRYLATE	000080-62-6
21	DDE, P,P'-	000072-55-9	493	PENTACHLORONITROBENZENE	000082-68-8
615	4-CHLOROBENZOIC ACID	000074-11-3	165	ACENAPHTHENE	000083-32-9
65	METHANE	000074-82-8	639	9,10-ANTHRACENEDIONE	000084-65-1
426	BROMOMETHANE	000074-83-9	324	DIETHYL PHTHALATE	000084-66-2
803	ETHANE	000074-84-0	48	DI-N-BUTYL PHTHALATE	000084-74-2
803	ETHYLENE	000074-85-1	249	PHENANTHRENE	000085-01-8
604	ACETYLENE	000074-86-2	693	PHTHALIC ANHYDRIDE	000085-44-9
196	CHLOROMETHANE	000074-87-3	200	BUTYL BENZYL PHTHALATE	000085-68-7
134	HYDROGEN CYANIDE	000074-90-8	211	N-NITROSODIPHENYLAMINE	000086-30-6
487	METHYL MERCAPTAN	000074-93-1	135	GUTHION	000086-50-0
417	DIBROMOMETHANE	000074-95-3	289	FLUORENE	000086-73-7
613	BROMOETHANE	000074-96-4	272	CARBAZOLE	000086-74-8
419	BROMOCHLOROMETHANE	000074-97-5	151	1,2,3-TRICHLOROENZENE	000087-61-6
803	PROPANE	000074-98-6	22	HEXACHLOROBUTADIENE	000087-68-3
188	CHLOROETHANE	000075-00-3	42	PENTACHLOROPHENOL	000087-86-5
4	VINYL CHLORIDE	000075-01-4	83	2,4,6-TRICHLOROPHENOL	000088-06-2
522	ETHYLAMINE	000075-04-7	550	2-NITROTOLUENE	000088-72-2
467	ACETONITRILE	000075-05-8	718	2-NITROANILINE	000088-74-4
558	ACETALDEHYDE	000075-07-0	338	2-NITROPHENOL	000088-75-5
360	ETHANETHIOL	000075-08-1	328	DINOSEB	000088-85-7
80	METHYLENE CHLORIDE	000075-09-2	301	PICRIC ACID	000088-89-1
177	CARBON DISULFIDE	000075-15-0	718	PHTHALIC ACID	000088-99-3
435	DIMETHYLSULFIDE	000075-18-3	279	1-METHYLNAPHTHALENE	000090-12-0
375	CALCIUM CARBIDE	000075-20-7	78	NAPHTHALENE	000091-20-3

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RANK	SUBSTANCE NAME	CAS#	RANK	SUBSTANCE NAME	CAS#
665	QUINOLINE	000091-22-5	204	1,3-BUTADIENE	000106-99-0
159	2-METHYLNAPHTHALENE	000091-57-6	366	2-BUTENE	000107-01-7
546	2-CHLORONAPHTHALENE	000091-58-7	71	ACROLEIN	000107-02-8
53	3,3'-DICHLOROBENZIDINE	000091-94-1	558	3-CHLOROPROPENE	000107-05-1
394	BIPHENYL	000092-52-4	87	1,2-DICHLOROETHANE	000107-06-2
236	4-AMINOBIPHENYL	000092-67-1	391	ACRYLONITRILE	000107-13-1
25	BENZIDINE	000092-87-5	700	ETHYLENEDIAMINE	000107-15-3
718	METHYL BENZOATE	000093-58-3	498	ALLYL ALCOHOL	000107-18-6
326	2,4,5-TP ACID	000093-72-1	413	ETHYLENE GLYCOL	000107-21-1
343	2,4,5-T	000093-76-5	408	FORMIC ACID, METHYL ESTER	000107-31-3
639	BENZOYL PEROXIDE	000094-36-0	718	2-METHYL-2,4-PENTANEDIOL	000107-41-5
580	2-METHYL-4-CHLOROPHENOXYACETIC ACID	000094-74-6	611	2-PENTANONE	000107-87-9
252	2,4-D ACID	000094-75-7	341	VINYL ACETATE	000108-05-4
303	4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID	000094-82-6	274	METHYL ISOBUTYL KETONE	000108-10-1
664	INDENE	000095-13-6	667	METHYL ISOBUTYL CARBINOL	000108-11-2
600	BENZO(B)THIOPHENE	000095-15-8	390	ISOPROPYL ETHER	000108-20-3
629	BENZOTHIAZOLE	000095-16-9	460	ISOPROPYL ACETATE	000108-21-4
308	O-XYLENE	000095-47-6	316	M-XYLENE	000108-38-3
199	CRESOL, ORTHO-	000095-48-7	434	CRESOL, META-	000108-39-4
468	2-CHLOROTOLUENE	000095-49-8	472	BIS(2-CHLORO-1-METHYLETHYL) ETHER	000108-60-1
182	1,2-DICHLOROBENZENE	000095-50-1	803	1,3,5-TRIMETHYLBENZENE	000108-67-8
254	2-CHLOROANILINE	000095-51-2	577	3,5-DIMETHYLPHENOL	000108-68-9
219	2-CHLOROPHENOL	000095-57-8	515	1,3,5-TRICHLOROBENZENE	000108-70-3
803	1,2,4-TRIMETHYLBENZENE	000095-63-6	581	BROMOBENZENE	000108-86-1
471	3,4-XYLENOL	000095-65-8	803	METHYLCYCLOHEXANE	000108-87-2
503	2,5-DIMETHYLPHENOL	000095-87-4	68	TOLUENE	000108-88-3
574	1,2,4,5-TETRACHLOROBENZENE	000095-94-3	108	CHLOROBENZENE	000108-90-7
228	2,4,5-TRICHLOROPHENOL	000095-95-4	501	CYCLOHEXANOL	000108-93-0
41	1,2-DIBROMO-3-CHLOROPROPANE	000096-12-8	666	CYCLOHEXANONE	000108-94-1
803	3-METHYLPENTANE	000096-14-0	186	PHENOL	000108-95-2
256	1,2,3-TRICHLOROPROPANE	000096-18-4	483	2-METHYLPYRIDINE	000109-06-8
803	METHYLCYCLOPENTANE	000096-37-7	639	2-CHLOROPYRIDINE	000109-09-1
693	FURFURAL	000098-01-1	629	PENTANOIC ACID	000109-52-4
575	TERT-BUTYLBENZENE	000098-06-6	456	PROPYL ACETATE	000109-60-4
366	(TRICHLOROMETHYL)BENZENE	000098-07-7	803	N-PENTANE	000109-66-0
619	TRIFLUOROTOLUENE	000098-08-8	568	N-BUTYLCHLORIDE	000109-69-3
416	CUMENE	000098-82-8	522	DIETHYLAMINE	000109-89-7
670	ACETOPHENONE	000098-86-2	321	TETRAHYDROFURAN	000109-99-9
331	NITROBENZENE	000098-95-3	487	FURAN	000110-00-9
481	3-NITROANILINE	000099-09-2	615	THIOPHENE	000110-02-1
106	1,3,5-TRINITROBENZENE	000099-35-4	458	METHYL ISOAMYL KETONE	000110-12-3
281	1,3-DINITROBENZENE	000099-65-0	389	HEXANE, N-	000110-54-3
430	METHYL-4-(1-METHYLETHYL)BENZENE	000099-87-6	482	PENTANAL	000110-62-3
562	4-NITROTOLUENE	000099-99-0	340	2-CHLOROETHYL VINYL ETHER	000110-75-8
451	4-NITROANILINE	000100-01-6	624	CELLOSOLVE	000110-80-5
263	4-NITROPHENOL	000100-02-7	486	CYCLOHEXANE	000110-82-7
99	ETHYLBENZENE	000100-41-4	429	PYRIDINE	000110-86-1
275	STYRENE	000100-42-5	674	2-ETHOXY ETHER ACETATE	000111-15-9
501	BENZYL CHLORIDE	000100-44-7	687	1-HEXANOL	000111-27-3
679	BENZONITRILE	000100-47-0	89	BIS(2-CHLOROETHYL) ETHER	000111-44-4
718	BENZYL ALCOHOL	000100-51-6	327	GLYCOL ETHER	000111-46-6
556	BENZALDEHYDE	000100-52-7	803	OCTANE	000111-65-9
155	4,4'-METHYLENEBIS(2-CHLOROANILINE)	000101-14-4	718	HEPTANAL	000111-71-7
409	MONOBROMODIPHENYL ETHER	000101-55-3	661	2-BUTOXYETHANOL	000111-76-2
497	DIPHENYL OXIDE	000101-84-8	803	NONANE	000111-84-2
639	TRIETHANOLAMINE	000102-71-6	476	BIS(2-CHLOROETHOXY)METHANE	000111-91-1
273	BIS(2-ETHYLHEXYL)ADIPATE	000103-23-1	700	NONANOIC ACID	000112-05-0
325	AZOBENZENE	000103-33-3	551	TRIGLYCOL DICHLORIDE	000112-26-5
803	N-PROPYL BENZENE	000103-65-1	718	BUTYL CARBITOL	000112-34-5
718	BENZENEACETIC ACID	000103-82-2	718	DIETHYL CARBITOL	000112-36-7
803	N-BUTYLBENZENE	000104-51-8	803	DODECANE	000112-40-3
470	2-ETHYLHEXANOL	000104-76-7	693	OLEIC ACID	000112-80-1
573	CAPROLACTAM	000105-60-2	803	EICOSANE	000112-95-8
191	2,4-DIMETHYLPHENOL	000105-67-9	522	PROPOXUR	000114-26-1
190	P-XYLENE	000106-42-3	803	PROPYLENE	000115-07-1
579	P-CHLOROTOLUENE	000106-43-4	54	ENDOSULFAN	000115-29-7
173	CRESOL, PARA-	000106-44-5	145	DICOFOL	000115-32-2
164	1,4-DICHLOROBENZENE	000106-46-7	75	DI(2-ETHYLHEXYL)PHTHALATE	000117-81-7
323	4-CHLOROANILINE	000106-47-8	335	DI-N-OCTYL PHTHALATE	000117-84-0
420	4-CHLOROPHENOL	000106-48-9	91	HEXACHLOROBENZENE	000118-74-1
34	1,2-DIBROMOETHANE	000106-93-4	82	2,4,6-TRINITROTOLUENE	000118-96-7
803	BUTANE	000106-97-8	492	BENZOPHENONE	000119-61-9

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RANK	SUBSTANCE NAME	CAS#	RANK	SUBSTANCE NAME	CAS#
718	TETRAHYDRONAPHTHALENE	000119-64-2	271	METHYL PARATHION	000298-00-0
610	ISOQUINOLINE	000119-65-3	231	PHORATE	000298-02-2
312	ANTHRACENE	000120-12-7	36	DISULFOTON	000298-04-4
231	DICHLOROPROP	000120-36-5	240	NALED	000300-76-5
718	INDOLE	000120-72-9	88	HYDRAZINE	000302-01-2
206	1,2,4-TRICHLOROBENZENE	000120-82-1	90	THIOCYANATE	000302-04-5
210	2,4-DICHLOROPHENOL	000120-83-2	26	ALDRIN	000309-00-2
96	2,4-DINITROTOLUENE	000121-14-2	450	BROMACIL	000314-40-9
679	TRIETHYLAMINE	000121-44-8	118	HEXACHLOROCYCLOHEXANE, ALPHA-	000319-84-6
287	DIMETHYLANILINE	000121-69-7	37	HEXACHLOROCYCLOHEXANE, BETA-	000319-85-7
280	MALATHION	000121-75-5	40	HEXACHLOROCYCLOHEXANE, DELTA-	000319-86-8
93	CYCLOTRIMETHYLENETRINITRAMINE (RDX)	000121-82-4	568	2-FLUOROBIPHENYL	000321-60-8
421	DIPHENYLAMINE	000122-39-4	400	DIURON	000330-54-1
170	1,2-DIPHENYLHYDRAZINE	000122-66-7	114	DIAZINON	000333-41-5
619	PHENYL ACETIC ACID	000122-79-2	445	2-FLUOROPHENOL	000367-12-4
718	DIACETONE ALCOHOL	000123-42-2	522	CARBONYL SULFIDE	000463-58-1
615	BUTYRALDEHYDE	000123-72-8	718	CARBAMIC ACID	000463-77-4
718	HEXANEDIOIC ACID, DIOCTYL ESTER	000123-79-5	433	TRINITROPHENYLMETHYLNITRAMINE	000479-45-8
473	BUTYL ACETATE	000123-86-4	598	INDAN	000496-11-7
290	1,4-DIOXANE	000123-91-1	718	1,4-DITHIANE	000505-29-3
687	ADIPIC ACID	000124-04-9	522	MUSTARD GAS	000505-60-2
718	OCTANOIC ACID	000124-07-2	375	CHLOROBENZILATE	000510-15-6
718	OCTANAL	000124-13-0	803	1,2,3-TRIMETHYLBENZENE	000526-73-8
803	DECANE	000124-18-5	515	2,3-DIMETHYLPHENOL	000526-75-0
718	CARBON DIOXIDE	000124-38-9	522	2-CHLOROACETOPHENONE	000532-27-4
639	DIMETHYLAMINE	000124-40-3	103	4,6-DINITRO-O-CRESOL	000534-52-1
255	CHLORODIBROMOMETHANE	000124-48-1	213	1,2-DICHLOROETHYLENE	000540-59-0
522	TRIBUTYLPHOSPHATE	000126-73-8	209	1,3-DICHLOROBENZENE	000541-73-1
565	METHACRYLONITRILE	000126-98-7	439	1,3-DICHLOROPROPENE	000542-75-6
30	TETRACHLOROETHYLENE	000127-18-4	304	BIS(CHLOROMETHYL) ETHER	000544-88-1
718	BUTYLATED HYDROXYTOLUENE	000128-37-0	803	1,3,5-CYCLOHEPTATRIENE	000544-25-2
259	PYRENE	000129-00-0	718	TETRADECANOIC ACID	000544-63-8
404	DIMETHYL PHTHALATE	000131-11-3	803	HEXADECANE	000544-76-3
189	DIBENZOFURAN	000132-64-9	511	3-NITROPHENOL	000554-84-7
215	DIBENZOTHIOPHENE	000132-65-0	100	ETHION	000563-12-2
360	CAPTAN	000133-06-2	511	1,2-DICHLOROPROPENE	000563-54-2
453	SEC-BUTYLBENZENE	000135-98-8	445	1,1-DICHLOROPROPENE	000563-58-6
503	PROPAZINE	000139-40-2	424	METHYL ISOPROPYL KETONE	000563-80-4
375	ARAMITE	000140-57-8	515	1,6-DIMETHYLNAPHTHALENE	000575-43-9
679	ETHANOLAMINE	000141-43-5	400	2,3-DIMETHYLNAPHTHALENE	000581-40-8
415	ETHYL ACETATE	000141-78-6	718	POTASSIUM CARBONATE	000584-08-7
553	1,3-DICHLOROPROPANE	000142-28-9	803	3-METHYLHEXANE	000589-34-4
606	HEXANOIC ACID	000142-62-1	803	2-METHYLHEXANE	000591-76-4
803	N-HEPTANE	000142-82-5	70	2-HEXANONE	000591-78-6
355	CYANIDE, SODIUM	000143-33-9	803	2-HEXENE	000592-43-8
137	CHLORDECONE	000143-50-0	803	OCTADECANE	000593-45-3
718	BICARBONATE OF SODA	000144-55-8	562	CHLOROFLUOROMETHANE	000593-70-4
460	MERPHOS	000150-50-5	267	2,6-DINITROTOLUENE	000606-20-2
639	TELVAR	000150-68-5	149	HEXACHLOROCYCLOHEXANE, TECH GRADE	000608-73-1
277	1,2-DICHLOROETHENE, CIS-	000156-59-2	158	PENTACHLOROBENZENE	000608-93-5
175	1,2-DICHLOROETHENE, TRANS-	000156-60-5	672	1-ETHYL-2-METHYLBENZENE	000611-14-3
329	BENZO(GHI)PERYLENE	000191-24-2	522	3,5-DINITROANILINE	000618-87-1
465	BENZO(E)PYRENE	000192-97-2	562	1-ETHYL-3-METHYLBENZENE	000620-14-4
183	INDENO(1,2,3-CD)PYRENE	000193-39-5	111	N-NITROSODI-N-PROPYLAMINE	000621-64-7
581	BENZOPHENANTHRENE	000195-19-7	718	4-ETHYLTOLUENE	000622-96-8
436	PERYLENE	000198-55-0	639	P-METHYL STYRENE	000622-97-9
718	BENZO(GHI)FLUORANTHENE	000203-12-3	557	DIMETHYL DISULFIDE	000624-92-0
322	BENZO(A)FLUORANTHENE	000203-33-8	503	3-PENTEN-2-ONE	000625-33-2
356	BENZO(J)FLUORANTHENE	000205-82-3	803	TRIDECANE	000629-50-5
10	BENZO(B)FLUORANTHENE	000205-99-2	803	N-TETRADECANE	000629-59-4
115	FLUORANTHENE	000206-44-0	803	PENTADECANE	000629-62-9
61	BENZO(K)FLUORANTHENE	000207-08-9	803	HEPTADECANE	000629-78-7
350	ACENAPHTHYLENE	000208-96-8	803	HENEICOSANE	000629-94-7
611	TRIPHENYLENE	000217-59-4	193	CARBON MONOXIDE	000630-08-0
140	CHRYSENE	000218-01-9	353	1,1,1,2-TETRACHLOROETHANE	000630-20-6
700	DIBENZ(A,J)ANTHRACENE	000224-41-9	464	1,2,3,4-TETRACHLOROETHANE	000634-66-2
676	PHENANTHRIDINE	000229-87-8	803	PROPENYLBENZENE	000637-50-3
489	ACRIDINE	000260-94-6	86	BROMODICHLOROETHANE	000683-53-4
660	DIBENZODIOXIN	000262-12-4	132	TRIBUTYLTIN	000688-73-3
332	2,3-BENZOFURAN	000271-89-6	552	OCTACHLOROCYCLOPENTENE	000706-78-5
803	CYCLOPENTANE	000287-92-3	639	PROPANIL	000709-98-8
803	CYCLOHEXADECANE	000295-65-8	445	DIMETHYL METHYLPHOSPHONATE	000756-79-6

## CANDIDATE SUBSTANCES FOR THE 2003 PRIORITY LIST, SORTED BY CAS NUMBER

RANK	SUBSTANCE NAME	CAS#	RANK	SUBSTANCE NAME	CAS#
803	2-METHYL-1-PENTENE	000763-29-1	639	1-CHLORO-2-BROMOPROPANE	003017-95-6
375	GLYCIDYLALDEHYDE	000765-34-4	803	TRIMETHYLCYCLOHEXANE	003073-66-3
243	CARBOPHENOTHION	000786-19-6	291	OCTACHLORODIBENZO-P-DIOXIN	003268-87-9
47	DDT, O,P'-	000789-02-6	375	HEXACHLORONORBORNADIENE	003389-71-7
593	1-METHYLPHENANTHRENE	000832-69-9	718	DDE, O,P'-	003424-82-6
683	CYCLOPROPYLBENZENE	000873-49-4	304	CHLORDENE	003734-48-3
479	3,3,5-TRIMETHYLCYCLOHEXANONE	000873-94-9	700	CARBONATE	003812-32-6
693	2-CYCLOHEXEN-1-ONE	000930-68-7	693	DICHLOROSILANE	004109-96-0
375	2,3,5-TRICHLOROPHENOL	000933-78-8	306	2,3,4,5-TETRACHLOROPHENOL	004901-51-3
432	P-CHLOROPHENYL METHYL SULFOXIDE	000934-73-6	50	CIS-CHLORDANE	005103-71-9
201	2,3,5,6-TETRACHLOROPHENOL	000935-95-5	294	NONACHLOR, CIS-	005103-73-1
57	ENDOSULFAN, ALPHA	000959-98-8	55	TRANS-CHLORDANE	005103-74-2
718	HEXAMETHYLDISILAZANE	000999-97-3	500	TETRACHLOROTOLUENE	005216-25-1
44	HEPTACHLOR EPOXIDE	001024-57-3	700	2-PENTANOL	006032-29-7
52	ENDOSULFAN SULFATE	001031-07-8	495	AMMONIUM NITRATE	006484-52-2
479	PEBULATE	001114-71-2	700	SODIUM SILICATE	006834-92-0
803	N-UNDECANE	001120-21-4	444	4-CHLOROPHENYL PHENYL ETHER	007005-72-3
262	DICHLOROETHANE	001300-21-6	400	TRANS-1,2-DICHLOROPROPENE	007069-38-7
548	DIMETHYLPHENOL	001300-71-6	475	MECOPROP	007085-19-0
700	BORAX	001303-96-4	66	ENDRIN ALDEHYDE	007421-93-4
679	LIME, HYDRATED	001305-62-0	194	ALUMINIUM	007429-90-5
604	LIME	001305-78-8	584	DYSPROSIUM	007429-91-6
718	MAGNESIUM HYDROXIDE	001309-42-8	718	IRON	007439-89-6
629	MAGNESIUM OXIDE	001309-48-4	718	LANTHANUM	007439-91-0
624	ANTIMONY TRIOXIDE	001309-64-4	2	LEAD	007439-92-1
602	POTASSIUM HYDROXIDE	001310-58-3	348	LITHIUM	007439-93-2
549	SODIUM HYDROXIDE	001310-73-2	718	MAGNESIUM	007439-95-4
639	MANGANESE DIOXIDE	001313-13-9	131	MANGANESE	007439-96-5
375	ZINC OXIDE	001314-13-2	3	MERCURY	007439-97-6
357	LEAD OXIDE	001317-36-8	337	MOLYBDENUM	007439-98-7
718	CALCIUM CARBONATE	001317-65-3	581	NEODYMIUM	007440-00-8
250	CRESOLS	001319-77-3	51	NICKEL	007440-02-0
683	TRICHLORONAPHTHALENE	001321-65-9	185	PALLADIUM	007440-05-3
313	METHYLNAPHTHALENE	001321-94-4	128	PLUTONIUM	007440-07-5
229	ARSENIC TRIOXIDE	001327-53-3	718	POTASSIUM	007440-09-7
56	XYLENES, TOTAL	001330-20-7	584	PRASEODYMIUM	007440-10-0
522	TRICRESYL PHOSPHATE	001330-78-5	101	RADIUM	007440-14-4
92	ASBESTOS	001332-21-4	718	RUBIDIUM	007440-17-7
718	IRON OXIDE	001332-37-2	584	SAMARIUM	007440-19-9
609	HYDROGEN	001333-74-0	593	SCANDIUM	007440-20-2
64	CHROMIUM(VI) OXIDE	001333-82-0	718	SILICON	007440-21-3
522	CARBON BLACK	001333-86-4	218	SILVER	007440-22-4
606	AMMONIUM HYDROXIDE	001336-21-6	718	SODIUM	007440-23-5
371	CHLORINATED PHENOL	001336-35-2	718	STRONTIUM	007440-24-6
5	POLYCHLORINATED BIPHENYLS	001336-36-3	288	THALLIUM	007440-28-0
606	ALUMINIUM OXIDE	001344-28-1	102	THORIUM	007440-29-1
369	COPPER CHLORIDE	001344-67-8	319	TIN	007440-31-5
639	TANNIN	001401-55-4	344	TITANIUM	007440-32-6
371	CARBOFURAN	001563-66-2	456	TUNGSTEN	007440-33-7
153	TRIFLURALIN	001582-09-8	178	AMERICIUM	007440-35-9
619	PROMETON	001610-18-0	230	ANTIMONY	007440-36-0
349	METHYL-T-BUTYL ETHER	001634-04-4	718	ARGON	007440-37-1
72	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	001746-01-6	1	ARSENIC	007440-38-2
700	AMMONIUM THIOCYANATE	001762-95-4	110	BARIUM	007440-39-3
593	DIBUTYL CHLORENDATE	001770-80-5	38	BERYLLIUM	007440-41-7
515	PENTACHLOROMETHOXYBENZENE	001825-21-4	339	BORON	007440-42-8
718	DACTHAL	001861-32-1	7	CADMIUM	007440-43-9
397	ATRAZINE	001912-24-9	718	CARBON	007440-44-0
466	DICAMBA	001918-00-9	578	CERIUM	007440-45-1
257	BUTYLATE	002008-41-5	718	CESIUM	007440-46-2
375	EPN	002104-64-5	76	CHROMIUM	007440-47-3
568	MONOSODIUM METHANEARSONATE	002163-80-6	49	COBALT	007440-48-4
803	4-METHYLOCTANE	002216-34-4	141	COPPER	007440-50-8
718	1-METHYLPYRENE	002381-21-7	584	EUROPIUM	007440-53-1
393	MIREX	002385-85-5	593	GALLIUM	007440-55-3
803	1,3-DIMETHYLCYCLOPENTANE	002453-00-1	458	GERMANIUM	007440-56-4
639	1-(2-PROPENYL)NAPHTHALENE	002489-86-3	718	GOLD	007440-57-5
718	SULFUR HEXAFLUORIDE	002551-62-4	718	HELIUM	007440-59-7
360	1-HYDROXYCHLORDENE	002597-11-7	97	URANIUM	007440-61-1
365	CYCLOTETRAMETHYLENE TETRANITRAMINE	002691-41-0	203	VANADIUM	007440-62-2
127	CHLORPYRIFOS	002921-88-2	591	YTTERBIUM	007440-64-4
522	2-METHYL-4,6-DINITROPHENOL, AMMONIUM SALT	002980-64-5	718	YTTRIUM	007440-65-5

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RANK	SUBSTANCE NAME	CAS#	RANK	SUBSTANCE NAME	CAS#
73	ZINC	007440-66-6	718	ACRYLIC ACID POLYMER	009003-01-4
718	ZIRCONIUM	007440-67-7	499	NITROCELLULOSE	009004-70-0
718	CALCIUM	007440-70-2	718	NITROGEN OXIDE	010024-97-2
449	INDIUM	007440-74-6	639	PHOSPHORUS OXYCHLORIDE	010025-87-3
320	SULFUR DIOXIDE	007446-09-5	629	SILICON TETRACHLORIDE	010026-04-7
375	ALUMINUM CHLORIDE	007446-70-0	310	OZONE	010028-15-6
718	POTASSIUM CHLORIDE	007447-40-7	452	TRITIUM	010028-17-8
246	MERCURIC CHLORIDE	007487-94-7	718	2-PROPYL-1-HEPTANOL	010042-59-8
439	IODINE	007553-56-2	693	BORIC ACID	010043-35-3
687	TRISODIUM PHOSPHATE	007601-54-9	624	CALCIUM CHLORIDE	010043-52-4
718	SILICA, AMORPHOUS	007631-86-9	132	IODINE-131	010043-66-0
718	SODIUM NITRATE	007631-99-4	104	RADON	010043-92-2
718	SODIUM PHOSPHATE	007632-05-5	217	CESIUM-137	010045-97-3
639	BORON TRIFLUORIDE	007637-07-2	264	1,3-DICHLOROPROPENE, CIS-	010061-01-5
618	ZINC CHLORIDE	007646-85-7	268	1,3-DICHLOROPROPENE, TRANS-	010061-02-6
345	HYDROCHLORIC ACID	007647-01-0	120	STRONTIUM-90	010098-97-2
718	SODIUM CHLORIDE	007647-14-5	160	NITROGEN DIOXIDE	010102-44-0
407	PHOSPHORIC ACID	007664-38-2	700	SODIUM HEXAMETAPHOSPHATE	010124-56-8
253	HYDROGEN FLUORIDE	007664-39-3	395	COBALT-60	010198-40-0
161	AMMONIA	007664-41-7	522	BORON TRIBROMIDE	010294-33-4
315	SULFURIC ACID	007664-93-9	522	BORON TRICHLORIDE	010294-34-5
515	SODIUM HYPOCHLORITE	007681-52-9	639	BARIUM CHLORIDE	010361-37-2
599	NITRIC ACID	007697-37-2	357	SODIUM DICHROMATE	010588-01-9
427	SULFUR	007704-34-9	554	BENZOPERYLENE	011057-45-7
624	FERRIC CHLORIDE	007705-08-0	718	BENZOTHIOPHENE	011095-43-5
503	NICKEL CHLORIDE	007718-54-9	14	AROCLOR 1260	011096-82-5
639	THIONYL CHLORIDE	007719-09-7	13	AROCLOR 1254	011097-69-1
629	FERROUS SULFATE	007720-78-7	192	AROCLOR 1268	011100-14-4
522	POTASSIUM PERMANGANATE	007722-64-7	45	AROCLOR 1221	011104-28-2
601	HYDROGEN PEROXIDE	007722-84-1	67	AROCLOR 1232	011141-16-5
19	PHOSPHORUS, WHITE	007723-14-0	125	CHRYSTILE ASBESTOS	012001-29-5
143	BROMINE	007726-95-6	266	TRICHLOROBENZENE	012002-48-1
718	NITROGEN	007727-37-9	511	AMMONIUM FLUORIDE	012125-01-8
718	BARIUM SULFATE	007727-43-7	687	AMMONIUM CHLORIDE	012125-02-9
639	AMMONIUM PERSULFATE	007727-54-0	176	AMOSITE ASBESTOS	012172-73-5
221	CHROMIUM TRIOXIDE	007738-94-5	584	TETRACHLOROBENZENE	012408-10-5
718	SODIUM SULFATE	007757-82-6	27	AROCLOR 1248	012672-29-6
718	SODIUM SULFITE	007757-83-7	46	AROCLOR 1016	012674-11-2
371	CUPRIC SULFATE	007758-98-7	60	AROCLOR	012767-79-2
718	CALCIUM SULFATE	007778-18-9	241	ETHOPROP	013194-48-4
227	ARSENIC ACID	007778-39-4	443	RADIUM-224	013233-32-4
246	CALCIUM ARSENATE	007778-44-1	718	FERROCYANIDE	013408-63-4
369	CALCIUM HYPOCHLORITE	007778-54-3	693	TITANIUM DIOXIDE	013463-67-7
347	FLUORINE	007782-41-4	485	TELLURIUM	013494-80-9
718	OXYGEN	007782-44-7	224	POTASSIUM-40	013966-00-2
147	SELENIUM	007782-49-2	113	URANIUM-234	013966-29-5
94	CHLORINE	007782-50-5	522	SODIUM-22	013966-32-0
567	SULFUROUS ACID	007782-99-2	309	RUTHENIUM-106	013967-48-1
197	HYDROGEN SULFIDE	007783-06-4	310	CESIUM-134	013967-70-9
561	AMMONIUM SULFATE	007783-20-2	246	URANIUM-233	013968-55-3
239	ARSINE	007784-42-1	123	PLUTONIUM-238	013981-16-3
265	PHOSPHINE	007803-51-2	120	POLONIUM-210	013981-52-7
515	SILANE	007803-62-5	98	RADIUM-226	013982-63-3
31	TOXAPHENE	008001-35-2	136	NEPTUNIUM-237	013994-20-2
234	STROBANE	008001-50-1	137	PLUTONIUM-240	014119-33-6
23	COAL TAR CREOSOTE	008001-58-9	398	TECHNETIUM-99	014133-76-7
803	PETROLEUM AND PETROLEUM DISTILLATES	008002-05-9	522	STRONTIUM-89	014158-27-1
236	PYRETHRUM	008003-34-7	126	LEAD-210	014255-04-0
803	AUTOMOTIVE GASOLINE	008006-61-9	576	PHOSPHATE	014265-44-2
624	TURPENTINE	008006-64-2	109	THORIUM-230	014269-63-7
124	COAL TARS	008007-45-2	116	THORIUM-228	014274-82-9
803	KEROSENE	008008-20-6	593	CHROMIUM-51	014392-02-0
803	MINERAL OIL	008012-95-1	454	BISMUTH-214	014733-03-0
700	OLEUM	008014-95-7	496	CARBON-14	014762-75-5
803	NAPHTHA	008030-30-6	222	NITRATE	014797-55-8
803	NAPALM	008031-21-8	220	NITRITE	014797-65-0
803	PETROLEUM ETHER	008032-32-4	346	PERCHLORATE	014797-73-0
803	STODDARD SOLVENT	008052-41-3	718	SULFATE	014808-79-8
522	ASPHALT	008052-42-4	117	RADON-222	014859-67-7
700	POLYVINYL CHLORIDE	009002-86-2	565	BISMUTH-212	014913-49-6
718	POLYETHYLENE	009002-88-4	234	ACTINIUM-227	014952-40-0
718	POLYVINYL ALCOHOL	009002-89-5	137	IODINE-129	015046-84-1

## CANDIDATE SUBSTANCES FOR THE 2003 PRIORITY LIST, SORTED BY CAS NUMBER

RANK	SUBSTANCE NAME	CAS#	RANK	SUBSTANCE NAME	CAS#
603	THORIUM-234	015065-10-8	477	TRIMETHYL PHENANTHRENE	030232-26-9
454	LEAD-214	015067-28-4	286	TETRACHLORODIBENZOFURAN	030402-14-3
438	LEAD-212	015092-94-1	195	PENTACHLORODIBENZOFURAN	030402-15-4
122	PLUTONIUM-239	015117-48-3	803	DIMETHYLHEPTANE	030498-66-9
375	SULFUR-35	015117-53-0	474	METHYLPHENANTHRENE	031711-53-2
112	URANIUM-235	015117-96-1	63	ENDOSULFAN, BETA	033213-65-9
107	RADIUM-228	015262-20-1	198	BIS(2-METHOXYETHYL) PHTHALATE	034006-76-3
522	EUROPIUM-154	015585-10-1	584	DICHLOROTRIFLUOROETHANE	034077-87-7
225	THORIUM-227	015623-47-9	156	HEXACHLORODIBENZO-P-DIOXIN	034465-46-8
375	LEAD(+2) SULFATE	015739-80-7	718	BUTANOL	035296-72-1
418	ALACHLOR	015972-60-8	388	2-AMINO-4,6-DINITROTOLUENE	035572-78-2
676	1,4-OXATHIANE	015980-15-1	270	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	035822-46-9
342	CHROMIUM, TRIVALENT	016065-83-1	212	PENTACHLORODIBENZO-P-DIOXIN	036088-22-9
503	METHOMYL	016752-77-5	79	AROCLOR 1262	037324-23-5
700	FLUOROBORIC ACID	016872-11-0	157	HEPTACHLORODIBENZO-P-DIOXIN	037871-00-4
718	CHLORIDE	016887-00-6	169	HEPTACHLORODIBENZOFURAN	038998-75-3
269	FLUORIDE ION	016984-48-8	167	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	039001-02-0
403	SULFIDE	018496-25-8	300	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	039227-28-6
17	CHROMIUM, HEXAVALENT	018540-29-9	718	2-BUTOXYETHANOL PHOSPHATE	039454-62-1
522	DIBORANE	019287-45-7	463	BIS(2-CHLOROISOPROPYL) ETHER	039638-32-9
445	4-AMINO-2,6-DINITROTOLUENE	019406-51-0	292	NONACHLOR, TRANS-	039765-80-5
294	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	019408-74-3	299	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	040321-76-4
718	IODIDE	020461-54-5	208	TETRACHLORODIBENZO-P-DIOXIN	041903-57-5
700	ALUMINUM HYDROXIDE	021645-51-2	241	DIBENZOFURANS, CHLORINATED	042934-53-2
428	CYANAZINE	021725-46-2	803	JP-4	050815-00-4
129	RADON-220	022481-48-7	687	METHYL-2-PYRROLIDINONE	051013-18-4
522	FICAM	022781-23-3	216	2,3,7,8-TETRACHLORODIBENZOFURAN	051207-31-9
119	METHYLMERCURY	022967-92-6	284	METOLACHLOR	051218-45-2
555	BROMIDE	024959-67-9	29	AROCLOR 1242	053469-21-9
659	VINYL TOLUENE	025013-15-4	62	ENDRIN KETONE	053494-70-5
503	DINITROBENZENE	025154-54-5	441	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	055673-89-7
425	NITROPHENOL	025154-55-6	184	HEXACHLORODIBENZOFURAN	055684-94-1
592	CYMENE	025155-15-1	178	PENTACHLOROBUTADIENE	055880-77-8
489	CHLOROPHENOL	025167-80-0	243	ALPHA-CHLORDENE	056534-02-2
511	DICHLOROPHENOL	025167-81-1	84	GAMMA-CHLORDENE	056641-38-4
351	TRICHLOROPHENOL	025167-82-2	69	BENZOFLUORANTHENE	056832-73-6
181	TETRACHLOROPHENOL	025167-83-3	171	2,3,4,7,8-PENTACHLORODIBENZOFURAN	057117-31-4
639	CHLORONITROBENZENE	025167-93-5	437	1,2,3,7,8-PENTACHLORODIBENZOFURAN	057117-41-6
484	CHLOROTOLUENE	025168-05-2	296	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	057117-44-9
223	DINITROTOLUENE	025321-14-6	293	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	057653-85-7
260	DICHLOROBENZENE	025321-22-6	619	TETRACHLOROBUTADIENE	058334-79-5
205	TETRACHLOROETHANE	025322-20-7	302	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	060851-34-5
282	DICHLOROETHYLENE	025323-30-2	718	POLYESTER RESINS	063148-69-6
166	TRICHLOROETHANE	025323-89-1	803	MINERAL SPIRITS	064475-85-0
105	PENTACHLOROBIPHENYL	025429-29-2	336	PHENOLICS	064743-03-9
669	ETHYLMETHYLBENZENE	025550-14-5	803	CUTTING OIL	064771-79-5
803	TRIMETHYL BENZENE	025551-13-7	375	COKE, COAL	065996-77-2
683	METHYLBENZOIC ACID	025567-10-6	226	COAL TAR PITCH	065996-93-2
675	CHLORONAPHTHALENE	025586-43-0	278	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	067562-39-4
718	TETRAMETHYLBENZENE	025619-60-7	58	DIBROMOCHLOROPROPANE	067708-83-2
619	CHLOROBENZOIC ACID	026264-09-5	144	POLYBROMINATED BIPHENYLS	067774-32-7
718	TRICHLOROTRIFLUOROETHANE	026523-64-8	687	COAL FLY ASH	068131-74-8
629	SODIUM AZIDE	026628-22-8	803	GREASE	068153-81-1
568	DICHLOROPROPANE	026638-19-7	803	DIESEL FUEL	068334-30-5
172	TETRACHLOROBIPHENYL	026914-33-0	803	BUTYLBENZENE	068411-44-9
491	DICHLOROPROPENE	026952-23-8	503	CHLORINATED ETHANE DERIVATIVES	068411-72-3
613	CHLOROANILINE	027134-26-5	803	FUEL OIL NO. 2	068476-30-2
503	ETHYLNAPHTHALENE	027138-19-8	412	BAGHOUSE DUST (LIME)	068919-24-4
152	TRICHLOROFLUROETHANE	027154-33-2	297	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	070648-26-9
803	DIMETHYLCYCLOHEXANE	027195-67-1	639	HEXAHYDROAZEPINONE	070874-80-5
174	OXYCHLORDANE	027304-13-8	81	AROCLOR 1240	071328-89-7
494	TRIMETHYLNAPHTHALENE	028652-77-9	423	INDENOPYRENE	072254-06-9
178	HEPTACHLOROBIPHENYL	028655-71-2	283	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	072918-21-9
683	DICHLORONAPHTHALENE	028699-88-9	236	BENZOPYRENE	073467-76-2
803	DIMETHYL HEXANE	028777-67-5	354	DICHLOROBROMOETHANE	073506-91-9
396	DIMETHYLNAPHTHALENE	028804-88-8	306	DIBROMOCHLOROETHANE	073506-94-2
718	METHYLINDENE	029036-25-7	130	AMERICIUM-241	086954-36-1
477	DIMETHYL PHENANTHRENE	029062-98-4	718	BATTERIES, SCRAP	094551-99-2
441	OCTACHLOROSTYRENE	029082-74-4	700	TURCO	100831-41-2
803	TRIMETHYLPENTANE	029222-48-8	718	ETCHANT BUFFERED OXIDE	103171-30-8
700	NITROANILINE	029757-24-2	8	POLYCYCLIC AROMATIC HYDROCARBONS	130498-29-2
676	DICHLOROTOLUENE	029797-40-8			