

## Candidate Substances for the 2007 Priority List, Sorted by CAS Number

| RANK | SUBSTANCE NAME                | CAS #       |
|------|-------------------------------|-------------|
| 244  | FORMALDEHYDE                  | 000050-00-0 |
| 12   | DDT, P,P'-                    | 000050-29-3 |
| 9    | BENZO(A)PYRENE                | 000050-32-8 |
| 87   | 2,4-DINITROPHENOL             | 000051-28-5 |
| 526  | URETHANE, SOLIDIFIED          | 000051-79-6 |
| 151  | DDD, O,P'-                    | 000053-19-0 |
| 15   | DIBENZO(A,H)ANTHRACENE        | 000053-70-3 |
| 47   | CARBON TETRACHLORIDE          | 000056-23-5 |
| 145  | PARATHION                     | 000056-38-2 |
| 39   | BENZO(A)ANTHRACENE            | 000056-55-3 |
| 712  | 9-HEXADECANOIC ACID           | 000057-10-3 |
| 712  | OCTADECANOIC ACID             | 000057-11-4 |
| 28   | CYANIDE                       | 000057-12-5 |
| 396  | UREA                          | 000057-13-6 |
| 358  | 1,1-DIMETHYLHYDRAZINE         | 000057-14-7 |
| 556  | PROPYLENE GLYCOL              | 000057-55-6 |
| 20   | CHLORDANE                     | 000057-74-9 |
| 32   | HEXACHLOROCYCLOHEXANE, GAMMA- | 000058-89-9 |
| 358  | 2,3,4,6-TETRACHLOROPHENOL     | 000058-90-2 |
| 418  | P-CHLORO-M-CRESOL             | 000059-50-7 |
| 692  | EDTA                          | 000060-00-4 |
| 255  | ETHYL ETHER                   | 000060-29-7 |
| 229  | DIMETHOATE                    | 000060-51-5 |
| 17   | DIELDRIN                      | 000060-57-1 |
| 409  | ANILINE                       | 000062-53-3 |
| 372  | THIOUREA                      | 000062-56-6 |
| 240  | DICHLORVOS                    | 000062-73-7 |
| 199  | N-NITROSODIMETHYLAMINE        | 000062-75-9 |
| 272  | CARBARYL                      | 000063-25-2 |
| 389  | ETHANOL                       | 000064-17-5 |
| 652  | ACETIC ACID                   | 000064-19-7 |
| 332  | BENZOIC ACID                  | 000065-85-0 |
| 617  | HEXANAL                       | 000066-25-1 |
| 427  | METHANOL                      | 000067-56-1 |
| 315  | ISOPROPANOL                   | 000067-63-0 |
| 184  | ACETONE                       | 000067-64-1 |
| 11   | CHLOROFORM                    | 000067-66-3 |
| 197  | HEXACHLOROETHANE              | 000067-72-1 |
| 252  | DIMETHYL FORMAMIDE            | 000068-12-2 |
| 325  | PROPANOL                      | 000071-23-8 |
| 653  | 1-BUTANOL                     | 000071-36-3 |
| 617  | AMYL ALCOHOL                  | 000071-41-0 |
| 6    | BENZENE                       | 000071-43-2 |
| 712  | HYDROGEN CARBONATE            | 000071-52-3 |
| 97   | 1,1,1-TRICHLOROETHANE         | 000071-55-6 |
| 41   | ENDRIN                        | 000072-20-8 |
| 61   | METHOXYCHLOR                  | 000072-43-5 |
| 25   | DDD, P,P'-                    | 000072-54-8 |
| 21   | DDE, P,P'-                    | 000072-55-9 |
| 607  | 4-CHLOROENZOIC ACID           | 000074-11-3 |
| 66   | METHANE                       | 000074-82-8 |
| 422  | BROMOMETHANE                  | 000074-83-9 |
| 797  | ETHANE                        | 000074-84-0 |
| 797  | ETHYLENE                      | 000074-85-1 |
| 590  | ACETYLENE                     | 000074-86-2 |
| 193  | CHLOROMETHANE                 | 000074-87-3 |
| 133  | HYDROGEN CYANIDE              | 000074-90-8 |
| 490  | METHYL MERCAPTAN              | 000074-93-1 |
| 412  | DIBROMOMETHANE                | 000074-95-3 |
| 605  | BROMOETHANE                   | 000074-96-4 |
| 415  | BROMOCHLOROMETHANE            | 000074-97-5 |
| 797  | PROPANE                       | 000074-98-6 |
| 183  | CHLOROETHANE                  | 000075-00-3 |
| 4    | VINYL CHLORIDE                | 000075-01-4 |
| 526  | ETHYLAMINE                    | 000075-04-7 |
| 471  | ACETONITRILE                  | 000075-05-8 |
| 454  | ACETALDEHYDE                  | 000075-07-0 |
| 358  | ETHANETHIOL                   | 000075-08-1 |
| 80   | METHYLENE CHLORIDE            | 000075-09-2 |
| 176  | CARBON DISULFIDE              | 000075-15-0 |
| 433  | DIMETHYLSULFIDE               | 000075-18-3 |
| 372  | CALCIUM CARBIDE               | 000075-20-7 |

| RANK | SUBSTANCE NAME                        | CAS #       |
|------|---------------------------------------|-------------|
| 201  | BROMOFORM                             | 000075-25-2 |
| 351  | BROMODICHLOROMETHANE                  | 000075-27-4 |
| 519  | 2-METHYLPROPANE                       | 000075-28-5 |
| 160  | 1,1-DICHLOROETHANE                    | 000075-34-3 |
| 79   | 1,1-DICHLOROETHENE                    | 000075-35-4 |
| 712  | DICHLOROFLUOROMETHANE                 | 000075-43-4 |
| 368  | PHOSGENE                              | 000075-44-5 |
| 319  | CHLORODIFLUOROMETHANE                 | 000075-45-6 |
| 712  | TRIFLUOROMETHANE                      | 000075-46-7 |
| 628  | NITROMETHANE                          | 000075-52-5 |
| 75   | DIMETHYLARSINIC ACID                  | 000075-60-5 |
| 617  | 2-METHYL-2-PROPANOL                   | 000075-65-0 |
| 333  | TRICHLOROFLUOROMETHANE                | 000075-69-4 |
| 402  | DICHLORODIFLUOROMETHANE               | 000075-71-8 |
| 574  | 2,2-DICHLOROPROPIONIC ACID            | 000075-99-0 |
| 352  | PENTACHLOROETHANE                     | 000076-01-7 |
| 399  | 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE | 000076-13-1 |
| 712  | FREON 114                             | 000076-14-2 |
| 665  | CAMPHOR                               | 000076-22-2 |
| 34   | HEPTACHLOR                            | 000076-44-8 |
| 712  | BENZILIC ACID                         | 000076-93-7 |
| 165  | HEXACHLOROCYCLOPENTADIENE             | 000077-47-4 |
| 797  | DICYCLOPENTADIENE                     | 000077-73-6 |
| 408  | DIMETHYL SULFATE                      | 000077-78-1 |
| 712  | TROMETHAMINE                          | 000077-86-1 |
| 363  | TETRAETHYL LEAD                       | 000078-00-2 |
| 265  | PENTAERYTHRITOL TETRANITRATE          | 000078-11-5 |
| 692  | TRIETHYL PHOSPHATE                    | 000078-40-0 |
| 526  | TRIOCTYL PHOSPHATE                    | 000078-42-2 |
| 141  | S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE    | 000078-48-8 |
| 406  | ISOPHORONE                            | 000078-59-1 |
| 797  | 2-METHYLBUTANE                        | 000078-78-4 |
| 662  | ISOBUTYL ALCOHOL                      | 000078-83-1 |
| 563  | ISOBUTYRALDEHYDE                      | 000078-84-2 |
| 283  | 1,2-DICHLOROPROPANE                   | 000078-87-5 |
| 526  | 2,3-DICHLOROPROPENE                   | 000078-88-6 |
| 658  | SEC-BUTYL ALCOHOL                     | 000078-92-2 |
| 208  | 2-BUTANONE                            | 000078-93-3 |
| 463  | 1,1-DICHLORO-1-PROPANE                | 000078-99-9 |
| 163  | 1,1,2-TRICHLOROETHANE                 | 000079-00-5 |
| 16   | TRICHLOROETHYLENE                     | 000079-01-6 |
| 692  | ACRYLAMIDE                            | 000079-06-1 |
| 545  | PROPANOIC ACID                        | 000079-09-4 |
| 526  | CHLOROACETIC ACID                     | 000079-11-8 |
| 473  | METHYL ACETATE                        | 000079-20-9 |
| 146  | 1,1,2,2-TETRACHLOROETHANE             | 000079-34-5 |
| 617  | 4,4'-(1-METHYLETHYLIDENE)BIS-PHENOL   | 000080-05-7 |
| 311  | METHYL METHACRYLATE                   | 000080-62-6 |
| 495  | PENTACHLORONITROBENZENE               | 000082-68-8 |
| 161  | ACENAPHTHENE                          | 000083-32-9 |
| 628  | 9,10-ANTHRACENEDIONE                  | 000084-65-1 |
| 321  | DIETHYL PHTHALATE                     | 000084-66-2 |
| 52   | DI-N-BUTYL PHTHALATE                  | 000084-74-2 |
| 246  | PHENANTHRENE                          | 000085-01-8 |
| 685  | PHTHALIC ANHYDRIDE                    | 000085-44-9 |
| 195  | BUTYL BENZYL PHTHALATE                | 000085-68-7 |
| 205  | N-NITROSODIPHENYLAMINE                | 000086-30-6 |
| 135  | GUTHION                               | 000086-50-0 |
| 287  | FLUORENE                              | 000086-73-7 |
| 268  | CARBAZOLE                             | 000086-74-8 |
| 116  | 1,2,3-TRICHLOROENZENE                 | 000087-61-6 |
| 22   | HEXACHLOROBUTADIENE                   | 000087-68-3 |
| 45   | PENTACHLOROPHENOL                     | 000087-86-5 |
| 86   | 2,4,6-TRICHLOROPHENOL                 | 000088-06-2 |
| 548  | 2-NITROTOLUENE                        | 000088-72-2 |
| 712  | 2-NITROANILINE                        | 000088-74-4 |
| 337  | 2-NITROPHENOL                         | 000088-75-5 |
| 324  | DINOSEB                               | 000088-85-7 |
| 297  | PICRIC ACID                           | 000088-89-1 |
| 712  | PHTHALIC ACID                         | 000088-99-3 |
| 275  | 1-METHYLNAPHTHALENE                   | 000090-12-0 |
| 78   | NAPHTHALENE                           | 000091-20-3 |

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|------|-------------------------------------|-------------|
| 655  | QUINOLINE                           | 000091-22-5 |
| 158  | 2-METHYLNAPHTHALENE                 | 000091-57-6 |
| 546  | 2-CHLORONAPHTHALENE                 | 000091-58-7 |
| 40   | 3,3'-DICHLOROBENZIDINE              | 000091-94-1 |
| 582  | BENZO(B)ANTHRACENE                  | 000092-24-0 |
| 432  | BIPHENYL                            | 000092-52-4 |
| 232  | 4-AMINOBIIPHENYL                    | 000092-67-1 |
| 26   | BENZIDINE                           | 000092-87-5 |
| 712  | METHYL BENZOATE                     | 000093-58-3 |
| 322  | 2,4,5-TP ACID                       | 000093-72-1 |
| 386  | 2,4,5-T                             | 000093-76-5 |
| 628  | BENZOYL PEROXIDE                    | 000094-36-0 |
| 479  | 2-METHYL-4-CHLOROPHENOXYACETIC ACID | 000094-74-6 |
| 248  | 2,4-D ACID                          | 000094-75-7 |
| 298  | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | 000094-82-6 |
| 654  | INDENE                              | 000095-13-6 |
| 588  | BENZO(B)THIOPHENE                   | 000095-15-8 |
| 617  | BENZOTHAZOLE                        | 000095-16-9 |
| 300  | O-XYLENE                            | 000095-47-6 |
| 196  | CRESOL, ORTHO-                      | 000095-48-7 |
| 472  | 2-CHLOROTOLUENE                     | 000095-49-8 |
| 172  | 1,2-DICHLOROBENZENE                 | 000095-50-1 |
| 328  | 2-CHLOROANILINE                     | 000095-51-2 |
| 245  | 2-CHLOROPHENOL                      | 000095-57-8 |
| 797  | 1,2,4-TRIMETHYLBENZENE              | 000095-63-6 |
| 453  | 3,4-XYLENOL                         | 000095-65-8 |
| 507  | 2,5-DIMETHYLPHENOL                  | 000095-87-4 |
| 417  | 1,2,4,5-TETRACHLOROBENZENE          | 000095-94-3 |
| 222  | 2,4,5-TRICHLOROPHENOL               | 000095-95-4 |
| 44   | 1,2-DIBROMO-3-CHLOROPROPANE         | 000096-12-8 |
| 797  | 3-METHYLPENTANE                     | 000096-14-0 |
| 310  | 1,2,3-TRICHLOROPROPANE              | 000096-18-4 |
| 797  | METHYLCYCLOPENTANE                  | 000096-37-7 |
| 685  | FURFURAL                            | 000098-01-1 |
| 475  | TERT-BUTYLBENZENE                   | 000098-06-6 |
| 363  | (TRICHLOROMETHYL)BENZENE            | 000098-07-7 |
| 607  | BENZOTRIFLUORIDE                    | 000098-08-8 |
| 411  | CUMENE                              | 000098-82-8 |
| 658  | ACETOPHENONE                        | 000098-86-2 |
| 331  | NITROBENZENE                        | 000098-95-3 |
| 567  | 3-NITROANILINE                      | 000099-09-2 |
| 103  | 1,3,5-TRINITROBENZENE               | 000099-35-4 |
| 284  | 1,3-DINITROBENZENE                  | 000099-65-0 |
| 428  | METHYL-4-(1-METHYLETHYL)BENZENE     | 000099-87-6 |
| 558  | 4-NITROTOLUENE                      | 000099-99-0 |
| 450  | 4-NITROANILINE                      | 000100-01-6 |
| 257  | 4-NITROPHENOL                       | 000100-02-7 |
| 99   | ETHYLBENZENE                        | 000100-41-4 |
| 271  | STYRENE                             | 000100-42-5 |
| 505  | BENZYL CHLORIDE                     | 000100-44-7 |
| 671  | BENZONITRILE                        | 000100-47-0 |
| 712  | BENZYL ALCOHOL                      | 000100-51-6 |
| 554  | BENZALDEHYDE                        | 000100-52-7 |
| 152  | 4,4'-METHYLENEBIS(2-CHLOROANILINE)  | 000101-14-4 |
| 403  | MONOBROMODIPHENYL ETHER             | 000101-55-3 |
| 498  | DIPHENYL OXIDE                      | 000101-84-8 |
| 628  | TRIETHANOLAMINE                     | 000102-71-6 |
| 267  | BIS(2-ETHYLHEXYL)ADIPATE            | 000103-23-1 |
| 320  | AZOBENZENE                          | 000103-33-3 |
| 797  | N-PROPYL BENZENE                    | 000103-65-1 |
| 712  | BENZENEACETIC ACID                  | 000103-82-2 |
| 797  | N-BUTYLBENZENE                      | 000104-51-8 |
| 474  | 2-ETHYLHEXANOL                      | 000104-76-7 |
| 566  | CAPROLACTAM                         | 000105-60-2 |
| 188  | 2,4-DIMETHYLPHENOL                  | 000105-67-9 |
| 185  | P-XYLENE                            | 000106-42-3 |
| 571  | P-CHLOROTOLUENE                     | 000106-43-4 |
| 170  | CRESOL, PARA-                       | 000106-44-5 |
| 159  | 1,4-DICHLOROBENZENE                 | 000106-46-7 |
| 329  | 4-CHLOROANILINE                     | 000106-47-8 |
| 414  | 4-CHLOROPHENOL                      | 000106-48-9 |
| 35   | 1,2-DIBROMOETHANE                   | 000106-93-4 |

| RANK | SUBSTANCE NAME              | CAS #       |
|------|-----------------------------|-------------|
| 797  | BUTANE                      | 000106-97-8 |
| 156  | 1,3-BUTADIENE               | 000106-99-0 |
| 363  | 2-BUTENE                    | 000107-01-7 |
| 37   | ACROLEIN                    | 000107-02-8 |
| 601  | 3-CHLOROPROPENE             | 000107-05-1 |
| 85   | 1,2-DICHLOROETHANE          | 000107-06-2 |
| 274  | ACRYLONITRILE               | 000107-13-1 |
| 692  | ETHYLENEDIAMINE             | 000107-15-3 |
| 500  | ALLYL ALCOHOL               | 000107-18-6 |
| 407  | ETHYLENE GLYCOL             | 000107-21-1 |
| 401  | FORMIC ACID, METHYL ESTER   | 000107-31-3 |
| 712  | 2-METHYL-2,4-PENTANEDIOL    | 000107-41-5 |
| 797  | 2-METHYLPENTANE             | 000107-83-5 |
| 599  | 2-PENTANONE                 | 000107-87-9 |
| 339  | VINYL ACETATE               | 000108-05-4 |
| 269  | METHYL ISOBUTYL KETONE      | 000108-10-1 |
| 657  | METHYL ISOBUTYL CARBINOL    | 000108-11-2 |
| 388  | ISOPROPYL ETHER             | 000108-20-3 |
| 463  | ISOPROPYL ACETATE           | 000108-21-4 |
| 313  | M-XYLENE                    | 000108-38-3 |
| 430  | CRESOL, META-               | 000108-39-4 |
| 476  | BIS(2-CHLOROISOPROPYL)ETHER | 000108-60-1 |
| 797  | 1,3,5-TRIMETHYLBENZENE      | 000108-67-8 |
| 569  | 3,5-DIMETHYLPHENOL          | 000108-68-9 |
| 519  | 1,3,5-TRICHLOROBENZENE      | 000108-70-3 |
| 665  | BROMOBENZENE                | 000108-86-1 |
| 797  | METHYLCYCLOHEXANE           | 000108-87-2 |
| 71   | TOLUENE                     | 000108-88-3 |
| 104  | CHLOROBENZENE               | 000108-90-7 |
| 505  | CYCLOHEXANOL                | 000108-93-0 |
| 656  | CYCLOHEXANONE               | 000108-94-1 |
| 182  | PHENOL                      | 000108-95-2 |
| 486  | 2-METHYLPYRIDINE            | 000109-06-8 |
| 628  | 2-CHLOROPYRIDINE            | 000109-09-1 |
| 617  | PENTANOIC ACID              | 000109-52-4 |
| 459  | PROPYL ACETATE              | 000109-60-4 |
| 797  | N-PENTANE                   | 000109-66-0 |
| 526  | DIETHYLAMINE                | 000109-89-7 |
| 318  | TETRAHYDROFURAN             | 000109-99-9 |
| 491  | FURAN                       | 000110-00-9 |
| 603  | THIOPHENE                   | 000110-02-1 |
| 461  | METHYL ISOAMYL KETONE       | 000110-12-3 |
| 387  | HEXANE, N-                  | 000110-54-3 |
| 485  | PENTANAL                    | 000110-62-3 |
| 338  | 2-CHLOROETHYL VINYL ETHER   | 000110-75-8 |
| 612  | CELLOSOLVE                  | 000110-80-5 |
| 489  | CYCLOHEXANE                 | 000110-82-7 |
| 426  | PYRIDINE                    | 000110-86-1 |
| 667  | 2-ETHOXY ETHER ACETATE      | 000111-15-9 |
| 679  | 1-HEXANOL                   | 000111-27-3 |
| 88   | BIS(2-CHLOROETHYL) ETHER    | 000111-44-4 |
| 323  | GLYCOL ETHER                | 000111-46-6 |
| 797  | OCTANE                      | 000111-65-9 |
| 712  | HEPTANAL                    | 000111-71-7 |
| 651  | 2-BUTOXYETHANOL             | 000111-76-2 |
| 797  | NONANE                      | 000111-84-2 |
| 451  | BIS(2-CHLOROETHOXY)METHANE  | 000111-91-1 |
| 692  | NONANOIC ACID               | 000112-05-0 |
| 550  | TRIGLYCOL DICHLORIDE        | 000112-26-5 |
| 712  | BUTYL CARBITOL              | 000112-34-5 |
| 712  | DIETHYL CARBITOL            | 000112-36-7 |
| 797  | DODECANE                    | 000112-40-3 |
| 685  | OLEIC ACID                  | 000112-80-1 |
| 797  | EICOSANE                    | 000112-95-8 |
| 526  | PROPOXUR                    | 000114-26-1 |
| 797  | PROPYLENE                   | 000115-07-1 |
| 54   | ENDOSULFAN                  | 000115-29-7 |
| 144  | DICOFOL                     | 000115-32-2 |
| 76   | DI(2-ETHYLHEXYL)PHTHALATE   | 000117-81-7 |
| 330  | DI-N-OCTYL PHTHALATE        | 000117-84-0 |
| 93   | HEXACHLOROBENZENE           | 000118-74-1 |
| 82   | 2,4,6-TRINITROTOLUENE       | 000118-96-7 |

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| RANK | SUBSTANCE NAME                      | CAS #       |
|------|-------------------------------------|-------------|
| 494  | BENZOPHENONE                        | 000119-61-9 |
| 712  | TETRAHYDRONAPHTHALENE               | 000119-64-2 |
| 598  | ISOQUINOLINE                        | 000119-65-3 |
| 308  | ANTHRACENE                          | 000120-12-7 |
| 299  | DICHLOROPROP                        | 000120-36-5 |
| 712  | INDOLE                              | 000120-72-9 |
| 200  | 1,2,4-TRICHLOROBENZENE              | 000120-82-1 |
| 209  | 2,4-DICHLOROPHENOL                  | 000120-83-2 |
| 94   | 2,4-DINITROTOLUENE                  | 000121-14-2 |
| 671  | TRIETHYLAMINE                       | 000121-44-8 |
| 282  | DIMETHYLANILINE                     | 000121-69-7 |
| 276  | MALATHION                           | 000121-75-5 |
| 92   | CYCLOTRIMETHYLENETRINITRAMINE (RDX) | 000121-82-4 |
| 507  | SIMAZINE                            | 000122-34-9 |
| 416  | DIPHENYLAMINE                       | 000122-39-4 |
| 167  | 1,2-DIPHENYLHYDRAZINE               | 000122-66-7 |
| 607  | PHENYL ACETIC ACID                  | 000122-79-2 |
| 712  | DIACETONE ALCOHOL                   | 000123-42-2 |
| 603  | BUTYRALDEHYDE                       | 000123-72-8 |
| 712  | HEXANEDIOIC ACID, DIOCTYL ESTER     | 000123-79-5 |
| 477  | BUTYL ACETATE                       | 000123-86-4 |
| 210  | 1,4-DIOXANE                         | 000123-91-1 |
| 679  | ADIPIC ACID                         | 000124-04-9 |
| 712  | OCTANOIC ACID                       | 000124-07-2 |
| 712  | OCTANAL                             | 000124-13-0 |
| 797  | DECANE                              | 000124-18-5 |
| 712  | CARBON DIOXIDE                      | 000124-38-9 |
| 628  | DIMETHYLAMINE                       | 000124-40-3 |
| 249  | DIBROMOCHLOROMETHANE                | 000124-48-1 |
| 526  | TRIBUTYLPHOSPHATE                   | 000126-73-8 |
| 628  | METHACRYLONITRILE                   | 000126-98-7 |
| 33   | TETRACHLOROETHYLENE                 | 000127-18-4 |
| 253  | PYRENE                              | 000129-00-0 |
| 404  | DIMETHYL PHTHALATE                  | 000131-11-3 |
| 186  | DIBENZOFURAN                        | 000132-64-9 |
| 277  | DIBENZOTHIOPHENE                    | 000132-65-0 |
| 358  | CAPTAN                              | 000133-06-2 |
| 467  | SEC-BUTYLBENZENE                    | 000135-98-8 |
| 507  | PROPazine                           | 000139-40-2 |
| 372  | ARAMITE                             | 000140-57-8 |
| 671  | ETHANOLAMINE                        | 000141-43-5 |
| 410  | ETHYL ACETATE                       | 000141-78-6 |
| 552  | 1,3-DICHLOROPROPANE                 | 000142-28-9 |
| 594  | HEXANOIC ACID                       | 000142-62-1 |
| 797  | N-HEPTANE                           | 000142-82-5 |
| 352  | CYANIDE, SODIUM                     | 000143-33-9 |
| 138  | CHLORDECONE                         | 000143-50-0 |
| 712  | BICARBONATE OF SODA                 | 000144-55-8 |
| 463  | MERPHOS                             | 000150-50-5 |
| 628  | TELVAR                              | 000150-68-5 |
| 270  | 1,2-DICHLOROETHENE, CIS-            | 000156-59-2 |
| 173  | 1,2-DICHLOROETHENE, TRANS-          | 000156-60-5 |
| 326  | BENZO(GH)PERYLENE                   | 000191-24-2 |
| 470  | BENZO(E)PYRENE                      | 000192-97-2 |
| 174  | INDENO(1,2,3-CD)PYRENE              | 000193-39-5 |
| 571  | BENZOPHENANTHRENE                   | 000195-19-7 |
| 435  | PERYLENE                            | 000198-55-0 |
| 712  | BENZO(GHI)FLUORANTHENE              | 000203-12-3 |
| 314  | BENZO(A)FLUORANTHENE                | 000203-33-8 |
| 354  | BENZO(J)FLUORANTHENE                | 000205-82-3 |
| 10   | BENZO(B)FLUORANTHENE                | 000205-99-2 |
| 110  | FLUORANTHENE                        | 000206-44-0 |
| 62   | BENZO(K)FLUORANTHENE                | 000207-08-9 |
| 347  | ACENAPHTHYLENE                      | 000208-96-8 |
| 599  | TRIPHENYLENE                        | 000217-59-4 |
| 137  | CHRYSENE                            | 000218-01-9 |
| 692  | DIBENZ(A,J)ANTHRACENE               | 000224-41-9 |
| 669  | PHENANTHRIDINE                      | 000229-87-8 |
| 492  | ACRIDINE                            | 000260-94-6 |
| 650  | DIBENZODIOXIN                       | 000262-12-4 |
| 327  | 2,3-BENZOFURAN                      | 000271-89-6 |
| 797  | CYCLOPENTANE                        | 000287-92-3 |

| RANK | SUBSTANCE NAME                     | CAS #       |
|------|------------------------------------|-------------|
| 797  | CYCLOHEXADECANE                    | 000295-65-8 |
| 264  | METHYL PARATHION                   | 000298-00-0 |
| 225  | PHORATE                            | 000298-02-2 |
| 38   | DISULFOTON                         | 000298-04-4 |
| 235  | NALED                              | 000300-76-5 |
| 84   | HYDRAZINE                          | 000302-01-2 |
| 89   | THIOCYANATE                        | 000302-04-5 |
| 24   | ALDRIN                             | 000309-00-2 |
| 449  | BROMACIL                           | 000314-40-9 |
| 115  | HEXACHLOROCYCLOHEXANE, ALPHA-      | 000319-84-6 |
| 36   | HEXACHLOROCYCLOHEXANE, BETA-       | 000319-85-7 |
| 43   | HEXACHLOROCYCLOHEXANE, DELTA-      | 000319-86-8 |
| 250  | DIURON                             | 000330-54-1 |
| 56   | DIAZINON                           | 000333-41-5 |
| 397  | CARBONYL SULFIDE                   | 000463-58-1 |
| 712  | CARBAMIC ACID                      | 000463-77-4 |
| 448  | TRINITROPHENYLMETHYLNITRAMINE      | 000479-45-8 |
| 586  | INDAN                              | 000496-11-7 |
| 712  | 1,4-DITHIANE                       | 000505-29-3 |
| 503  | SULFUR MUSTARD                     | 000505-60-2 |
| 372  | CHLOROBENZILATE                    | 000510-15-6 |
| 797  | 1,2,3-TRIMETHYLBENZENE             | 000526-73-8 |
| 519  | 2,3-DIMETHYLPHENOL                 | 000526-75-0 |
| 526  | 2-CHLOROACETOPHENONE               | 000532-27-4 |
| 102  | 4,6-DINITRO-O-CRESOL               | 000534-52-1 |
| 206  | 1,2-DICHLOROETHYLENE               | 000540-59-0 |
| 203  | 1,3-DICHLOROBENZENE                | 000541-73-1 |
| 439  | 1,3-DICHLOROPROPENE                | 000542-75-6 |
| 302  | BIS(CHLOROMETHYL) ETHER            | 000542-88-1 |
| 797  | 1,3,5-CYCLOHEPTATRIENE             | 000544-25-2 |
| 712  | TETRADECANOIC ACID                 | 000544-63-8 |
| 797  | HEXADECANE                         | 000544-76-3 |
| 515  | 3-NITROPHENOL                      | 000554-84-7 |
| 96   | ETHION                             | 000563-12-2 |
| 515  | 1,2-DICHLOROPROPENE                | 000563-54-2 |
| 420  | METHYL ISOPROPYL KETONE            | 000563-80-4 |
| 519  | 1,6-DIMETHYLNAPHTHALENE            | 000575-43-9 |
| 397  | 2,3-DIMETHYLNAPHTHALENE            | 000581-40-8 |
| 712  | POTASSIUM CARBONATE                | 000584-08-7 |
| 797  | 3-METHYLHEXANE                     | 000589-34-4 |
| 797  | 2-METHYLHEXANE                     | 000591-76-4 |
| 72   | 2-HEXANONE                         | 000591-78-6 |
| 797  | 2-HEXENE                           | 000592-43-8 |
| 797  | OCTADECANE                         | 000593-45-3 |
| 558  | CHLOROFLUOROMETHANE                | 000593-70-4 |
| 261  | 2,6-DINITROTOLUENE                 | 000606-20-2 |
| 148  | HEXACHLOROCYCLOHEXANE, TECH. GRADE | 000608-73-1 |
| 155  | PENTACHLOROBENZENE                 | 000608-93-5 |
| 663  | 1-ETHYL-2-METHYLBENZENE            | 000611-14-3 |
| 526  | 3,5-DINITROANILINE                 | 000618-87-1 |
| 558  | 1-ETHYL-3-METHYLBENZENE            | 000620-14-4 |
| 112  | N-NITROSODI-N-PROPYLAMINE          | 000621-64-7 |
| 712  | 4-ETHYLTOLUENE                     | 000622-96-8 |
| 628  | P-METHYL STYRENE                   | 000622-97-9 |
| 454  | DIMETHYL DISULFIDE                 | 000624-92-0 |
| 507  | 3-PENTEN-2-ONE                     | 000625-33-2 |
| 797  | TRIDECANE                          | 000629-50-5 |
| 797  | N-TETRADECANE                      | 000629-59-4 |
| 797  | PENTADECANE                        | 000629-62-9 |
| 797  | HEPTADECANE                        | 000629-78-7 |
| 797  | HENEICOSANE                        | 000629-94-7 |
| 189  | CARBON MONOXIDE                    | 000630-08-0 |
| 488  | 1,1,1,2-TETRACHLOROETHANE          | 000630-20-6 |
| 468  | 1,2,3,4-TETRACHLOROETHANE          | 000634-66-2 |
| 797  | PROPENYLBENZENE                    | 000637-50-3 |
| 83   | BROMODICHLOROETHANE                | 000683-53-4 |
| 134  | TRIBUTYLTIN                        | 000688-73-3 |
| 551  | OCTACHLOROCYCLOPENTENE             | 000706-78-5 |
| 628  | PROPANIL                           | 000709-98-8 |
| 444  | DIMETHYL METHYLPHOSPHONATE         | 000756-79-6 |
| 797  | 2-METHYL-1-PENTENE                 | 000763-29-1 |
| 372  | GLYCIDYLALDEHYDE                   | 000765-34-4 |

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| RANK | SUBSTANCE NAME                       | CAS #       |
|------|--------------------------------------|-------------|
| 238  | CARBOPHENOTHION                      | 000786-19-6 |
| 50   | DDT, O,P'-                           | 000789-02-6 |
| 674  | CYCLOPROPYLBENZENE                   | 000873-49-4 |
| 483  | 3,3,5-TRIMETHYLCYCLOHEXANONE         | 000873-94-9 |
| 685  | 2-CYCLOHEXEN-1-ONE                   | 000930-68-7 |
| 372  | 2,3,5-TRICHLOROPHENOL                | 000933-78-8 |
| 429  | P-CHLOROPHENYL METHYL SULFOXIDE      | 000934-73-6 |
| 357  | 2,3,5,6-TETRACHLOROPHENOL            | 000935-95-5 |
| 57   | ENDOSULFAN, ALPHA                    | 000959-98-8 |
| 712  | HEXAMETHYLDISILAZANE                 | 000999-97-3 |
| 46   | HEPTACHLOR EPOXIDE                   | 001024-57-3 |
| 55   | ENDOSULFAN SULFATE                   | 001031-07-8 |
| 483  | PEBULATE                             | 001114-71-2 |
| 797  | N-UNDECANE                           | 001120-21-4 |
| 256  | DICHLOROETHANE                       | 001300-21-6 |
| 547  | DIMETHYLPHENOL                       | 001300-71-6 |
| 692  | BORAX                                | 001303-96-4 |
| 660  | LIME, HYDRATED                       | 001305-62-0 |
| 592  | LIME                                 | 001305-78-8 |
| 712  | MAGNESIUM HYDROXIDE                  | 001309-42-8 |
| 617  | MAGNESIUM OXIDE                      | 001309-48-4 |
| 612  | ANTIMONY TRIOXIDE                    | 001309-64-4 |
| 591  | POTASSIUM HYDROXIDE                  | 001310-58-3 |
| 549  | SODIUM HYDROXIDE                     | 001310-73-2 |
| 628  | MANGANESE DIOXIDE                    | 001313-13-9 |
| 372  | ZINC OXIDE                           | 001314-13-2 |
| 355  | LEAD OXIDE                           | 001317-36-8 |
| 712  | CALCIUM CARBONATE                    | 001317-65-3 |
| 227  | CRESOLS                              | 001319-77-3 |
| 674  | TRICHLORONAPHTHALENE                 | 001321-65-9 |
| 309  | METHYLNAPHTHALENE                    | 001321-94-4 |
| 224  | ARSENIC TRIOXIDE                     | 001327-53-3 |
| 58   | XYLENES, TOTAL                       | 001330-20-7 |
| 90   | ASBESTOS                             | 001332-21-4 |
| 712  | IRON OXIDE                           | 001332-37-2 |
| 597  | HYDROGEN                             | 001333-74-0 |
| 65   | CHROMIUM(VI) OXIDE                   | 001333-82-0 |
| 526  | CARBON BLACK                         | 001333-86-4 |
| 594  | AMMONIUM HYDROXIDE                   | 001336-21-6 |
| 368  | CHLORINATED PHENOL                   | 001336-35-2 |
| 5    | POLYCHLORINATED BIPHENYLS            | 001336-36-3 |
| 594  | ALUMINUM OXIDE                       | 001344-28-1 |
| 366  | COPPER CHLORIDE                      | 001344-67-8 |
| 628  | TANNIN                               | 001401-55-4 |
| 368  | CARBOFURAN                           | 001563-66-2 |
| 150  | TRIFLURALIN                          | 001582-09-8 |
| 607  | PROMETON                             | 001610-18-0 |
| 346  | METHYL-T-BUTYL ETHER                 | 001634-04-4 |
| 73   | 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN  | 001746-01-6 |
| 692  | AMMONIUM THIOCYANATE                 | 001762-95-4 |
| 519  | PENTACHLOROMETHOXYBENZENE            | 001825-21-4 |
| 712  | DACTHAL                              | 001861-32-1 |
| 390  | ATRAZINE                             | 001912-24-9 |
| 469  | DICAMBA                              | 001918-00-9 |
| 251  | BUTYLATE                             | 002008-41-5 |
| 372  | EPN                                  | 002104-64-5 |
| 563  | MONOSODIUM METHANEARSONATE           | 002163-80-6 |
| 797  | 4-METHYLOCTANE                       | 002216-34-4 |
| 712  | 1-METHYLPYRENE                       | 002381-21-7 |
| 392  | MIREX                                | 002385-85-5 |
| 797  | 1,3-DIMETHYLCYCLOPENTANE             | 002453-00-1 |
| 628  | 1-(2-PROPENYL)NAPHTHALENE            | 002489-86-3 |
| 712  | SULFUR HEXAFLUORIDE                  | 002551-62-4 |
| 358  | 1-HYDROXYCHLORDENE                   | 002597-11-7 |
| 345  | CYCLOTETRAMETHYLENE TETRANITRAMINE   | 002691-41-0 |
| 127  | CHLORPYRIFOS                         | 002921-88-2 |
| 526  | 2-METHYL-4,6-DINITROPHENOL, AMMONIUM | 002980-64-5 |
| 628  | 1-CHLORO-2-BROMOPROPANE              | 003017-95-6 |
| 797  | TRIMETHYLCYCLOHEXANE                 | 003073-66-3 |
| 286  | OCTACHLORODIBENZO-P-DIOXIN           | 003268-87-9 |
| 372  | HEXACHLORONORBORNADIENE              | 003389-71-7 |
| 712  | DDE, O,P'-                           | 003424-82-6 |

| RANK | SUBSTANCE NAME              | CAS #       |
|------|-----------------------------|-------------|
| 301  | CHLORDENE                   | 003734-48-3 |
| 692  | CARBONATE                   | 003812-32-6 |
| 685  | DICHLOROSILANE              | 004109-96-0 |
| 302  | 2,3,4,5-TETRACHLOROPHENOL   | 004901-51-3 |
| 59   | CIS-CHLORDANE               | 005103-71-9 |
| 295  | NONACHLOR, CIS-             | 005103-73-1 |
| 64   | TRANS-CHLORDANE             | 005103-74-2 |
| 503  | TETRACHLOROTOLUENE          | 005216-25-1 |
| 692  | 2-PENTANOL                  | 006032-29-7 |
| 456  | BIS(2-CHLOROETHYL)PHTHALATE | 006279-87-4 |
| 497  | AMMONIUM NITRATE            | 006484-52-2 |
| 692  | SODIUM SILICATE             | 006834-92-0 |
| 431  | 4-CHLOROPHENYL PHENYL ETHER | 007005-72-3 |
| 480  | MECOPROP                    | 007085-19-0 |
| 69   | ENDRIN ALDEHYDE             | 007421-93-4 |
| 187  | ALUMINUM                    | 007429-90-5 |
| 574  | DYSPROSIUM                  | 007429-91-6 |
| 712  | IRON                        | 007439-89-6 |
| 712  | LANTHANUM                   | 007439-91-0 |
| 2    | LEAD                        | 007439-92-1 |
| 344  | LITHIUM                     | 007439-93-2 |
| 712  | MAGNESIUM                   | 007439-95-4 |
| 117  | MANGANESE                   | 007439-96-5 |
| 3    | MERCURY                     | 007439-97-6 |
| 335  | MOLYBDENUM                  | 007439-98-7 |
| 571  | NEODYMIUM                   | 007440-00-8 |
| 53   | NICKEL                      | 007440-02-0 |
| 180  | PALLADIUM                   | 007440-05-3 |
| 126  | PLUTONIUM                   | 007440-07-5 |
| 712  | POTASSIUM                   | 007440-09-7 |
| 574  | PRASEODYMIUM                | 007440-10-0 |
| 100  | RADIUM                      | 007440-14-4 |
| 712  | RUBIDIUM                    | 007440-17-7 |
| 574  | SAMARIUM                    | 007440-19-9 |
| 582  | SCANDIUM                    | 007440-20-2 |
| 712  | SILICON                     | 007440-21-3 |
| 214  | SILVER                      | 007440-22-4 |
| 712  | SODIUM                      | 007440-23-5 |
| 712  | STRONTIUM                   | 007440-24-6 |
| 692  | TANTALUM                    | 007440-25-7 |
| 281  | THALLIUM                    | 007440-28-0 |
| 101  | THORIUM                     | 007440-29-1 |
| 317  | TIN                         | 007440-31-5 |
| 341  | TITANIUM                    | 007440-32-6 |
| 459  | TUNGSTEN                    | 007440-33-7 |
| 178  | AMERICIUM                   | 007440-35-9 |
| 219  | ANTIMONY                    | 007440-36-0 |
| 712  | ARGON                       | 007440-37-1 |
| 1    | ARSENIC                     | 007440-38-2 |
| 109  | BARIUM                      | 007440-39-3 |
| 42   | BERYLLIUM                   | 007440-41-7 |
| 334  | BORON                       | 007440-42-8 |
| 7    | CADMIUM                     | 007440-43-9 |
| 712  | CARBON                      | 007440-44-0 |
| 570  | CERIUM                      | 007440-45-1 |
| 712  | CESIUM                      | 007440-46-2 |
| 77   | CHROMIUM                    | 007440-47-3 |
| 49   | COBALT                      | 007440-48-4 |
| 128  | COPPER                      | 007440-50-8 |
| 574  | EUROPIUM                    | 007440-53-1 |
| 582  | GALLIUM                     | 007440-55-3 |
| 461  | GERMANIUM                   | 007440-56-4 |
| 712  | GOLD                        | 007440-57-5 |
| 712  | HELIUM                      | 007440-59-7 |
| 98   | URANIUM                     | 007440-61-1 |
| 198  | VANADIUM                    | 007440-62-2 |
| 581  | YTTERBIUM                   | 007440-64-4 |
| 712  | YTTRIUM                     | 007440-65-5 |
| 74   | ZINC                        | 007440-66-6 |
| 712  | ZIRCONIUM                   | 007440-67-7 |
| 712  | CALCIUM                     | 007440-70-2 |
| 447  | INDIUM                      | 007440-74-6 |

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| RANK | SUBSTANCE NAME                      | CAS #       |
|------|-------------------------------------|-------------|
| 316  | SULFUR DIOXIDE                      | 007446-09-5 |
| 372  | ALUMINUM CHLORIDE                   | 007446-70-0 |
| 712  | POTASSIUM CHLORIDE                  | 007447-40-7 |
| 241  | MERCURIC CHLORIDE                   | 007487-94-7 |
| 439  | IODINE                              | 007553-56-2 |
| 679  | TRISODIUM PHOSPHATE                 | 007601-54-9 |
| 712  | SILICA, AMORPHOUS                   | 007631-86-9 |
| 712  | SODIUM NITRATE                      | 007631-99-4 |
| 712  | SODIUM PHOSPHATE                    | 007632-05-5 |
| 628  | BORON TRIFLUORIDE                   | 007637-07-2 |
| 605  | ZINC CHLORIDE                       | 007646-85-7 |
| 343  | HYDROCHLORIC ACID                   | 007647-01-0 |
| 712  | SODIUM CHLORIDE                     | 007647-14-5 |
| 400  | PHOSPHORIC ACID                     | 007664-38-2 |
| 247  | HYDROGEN FLUORIDE                   | 007664-39-3 |
| 157  | AMMONIA                             | 007664-41-7 |
| 312  | SULFURIC ACID                       | 007664-93-9 |
| 519  | SODIUM HYPOCHLORITE                 | 007681-52-9 |
| 587  | NITRIC ACID                         | 007697-37-2 |
| 423  | SULFUR                              | 007704-34-9 |
| 612  | FERRIC CHLORIDE                     | 007705-08-0 |
| 507  | NICKEL CHLORIDE                     | 007718-54-9 |
| 628  | THIONYL CHLORIDE                    | 007719-09-7 |
| 617  | FERROUS SULFATE                     | 007720-78-7 |
| 526  | POTASSIUM PERMANGANATE              | 007722-64-7 |
| 589  | HYDROGEN PEROXIDE                   | 007722-84-1 |
| 19   | PHOSPHORUS, WHITE                   | 007723-14-0 |
| 142  | BROMINE                             | 007726-95-6 |
| 712  | NITROGEN                            | 007727-37-9 |
| 712  | BARIUM SULFATE                      | 007727-43-7 |
| 628  | AMMONIUM PERSULFATE                 | 007727-54-0 |
| 215  | CHROMIUM TRIOXIDE                   | 007738-94-5 |
| 712  | SODIUM SULFATE                      | 007757-82-6 |
| 712  | SODIUM SULFITE                      | 007757-83-7 |
| 368  | CUPRIC SULFATE                      | 007758-98-7 |
| 712  | CALCIUM SULFATE                     | 007778-18-9 |
| 223  | ARSENIC ACID                        | 007778-39-4 |
| 241  | CALCIUM ARSENATE                    | 007778-44-1 |
| 366  | CALCIUM HYPOCHLORITE                | 007778-54-3 |
| 211  | FLUORINE                            | 007782-41-4 |
| 712  | OXYGEN                              | 007782-44-7 |
| 147  | SELENIUM                            | 007782-49-2 |
| 91   | CHLORINE                            | 007782-50-5 |
| 562  | SULFUROUS ACID                      | 007782-99-2 |
| 191  | HYDROGEN SULFIDE                    | 007783-06-4 |
| 557  | AMMONIUM SULFATE                    | 007783-20-2 |
| 234  | ARSINE                              | 007784-42-1 |
| 241  | SODIUM ARSENITE                     | 007784-46-5 |
| 259  | PHOSPHINE                           | 007803-51-2 |
| 519  | SILANE                              | 007803-62-5 |
| 31   | TOXAPHENE                           | 008001-35-2 |
| 230  | STROBANE                            | 008001-50-1 |
| 23   | COAL TAR CREOSOTE                   | 008001-58-9 |
| 797  | PETROLEUM AND PETROLEUM DISTILLATES | 008002-05-9 |
| 232  | PYRETHRUM                           | 008003-34-7 |
| 797  | AUTOMOTIVE GASOLINE                 | 008006-61-9 |
| 612  | TURPENTINE                          | 008006-64-2 |
| 118  | COAL TARS                           | 008007-45-2 |
| 797  | KEROSENE                            | 008008-20-6 |
| 797  | MINERAL OIL                         | 008012-95-1 |
| 692  | OLEUM                               | 008014-95-7 |
| 797  | NAPHTHA                             | 008030-30-6 |
| 797  | NAPALM                              | 008031-21-8 |
| 797  | PETROLEUM ETHER                     | 008032-32-4 |
| 797  | STODDARD SOLVENT                    | 008052-41-3 |
| 526  | ASPHALT                             | 008052-42-4 |
| 692  | POLYVINYL CHLORIDE                  | 009002-86-2 |
| 712  | POLYETHYLENE                        | 009002-88-4 |
| 712  | POLYVINYL ALCOHOL                   | 009002-89-5 |
| 692  | TRITON X 100                        | 009002-93-1 |
| 712  | ACRYLIC ACID POLYMER                | 009003-01-4 |
| 501  | NITROCELLULOSE                      | 009004-70-0 |

| RANK | SUBSTANCE NAME              | CAS #       |
|------|-----------------------------|-------------|
| 712  | NITROGEN OXIDE              | 010024-97-2 |
| 628  | PHOSPHORUS OXYCHLORIDE      | 010025-87-3 |
| 617  | SILICON TETRACHLORIDE       | 010026-04-7 |
| 306  | OZONE                       | 010028-15-6 |
| 452  | TRITIUM                     | 010028-17-8 |
| 712  | 2-PROPYL-1-HEPTANOL         | 010042-59-8 |
| 685  | BORIC ACID                  | 010043-35-3 |
| 612  | CALCIUM CHLORIDE            | 010043-52-4 |
| 132  | IODINE-131                  | 010043-66-0 |
| 105  | RADON                       | 010043-92-2 |
| 213  | CESIUM-137                  | 010045-97-3 |
| 258  | 1,3-DICHLOROPROPENE, CIS-   | 010061-01-5 |
| 266  | 1,3-DICHLOROPROPENE, TRANS- | 010061-02-6 |
| 119  | STRONTIUM-90                | 010098-97-2 |
| 302  | NITROGEN DIOXIDE            | 010102-44-0 |
| 692  | SODIUM HEXAMETAPHOSPHATE    | 010124-56-8 |
| 434  | COBALT-60                   | 010198-40-0 |
| 526  | BORON TRIBROMIDE            | 010294-33-4 |
| 526  | BORON TRICHLORIDE           | 010294-34-5 |
| 628  | BARIUM CHLORIDE             | 010361-37-2 |
| 355  | SODIUM DICHROMATE           | 010588-01-9 |
| 553  | BENZOPERYLENE               | 011057-45-7 |
| 712  | BENZOTHIOPHENE              | 011095-43-5 |
| 14   | AROCLOR 1260                | 011096-82-5 |
| 13   | AROCLOR 1254                | 011097-69-1 |
| 48   | AROCLOR 1221                | 011104-28-2 |
| 68   | AROCLOR 1232                | 011141-16-5 |
| 119  | CHRYSOTILE ASBESTOS         | 012001-29-5 |
| 260  | TRICHLORO BENZENE           | 012002-48-1 |
| 515  | AMMONIUM FLUORIDE           | 012125-01-8 |
| 679  | AMMONIUM CHLORIDE           | 012125-02-9 |
| 131  | AMOSITE ASBESTOS            | 012172-73-5 |
| 574  | TETRACHLORO BENZENE         | 012408-10-5 |
| 27   | AROCLOR 1248                | 012672-29-6 |
| 51   | AROCLOR 1016                | 012674-11-2 |
| 30   | AROCLOR                     | 012767-79-2 |
| 228  | CHLORDANE, TECHNICAL        | 012789-03-6 |
| 236  | ETHOPROP                    | 013194-48-4 |
| 442  | RADIUM-224                  | 013233-32-4 |
| 712  | FERROCYANIDE                | 013408-63-4 |
| 685  | TITANIUM DIOXIDE            | 013463-67-7 |
| 487  | TELLURIUM                   | 013494-80-9 |
| 217  | POTASSIUM-40                | 013966-00-2 |
| 111  | URANIUM-234                 | 013966-29-5 |
| 526  | SODIUM-22                   | 013966-32-0 |
| 305  | RUTHENIUM-106               | 013967-48-1 |
| 306  | CESIUM-134                  | 013967-70-9 |
| 178  | URANIUM-233                 | 013968-55-3 |
| 124  | PLUTONIUM-238               | 013981-16-3 |
| 122  | POLONIUM-210                | 013981-52-7 |
| 95   | RADIUM-226                  | 013982-63-3 |
| 136  | NEPTUNIUM-237               | 013994-20-2 |
| 138  | PLUTONIUM-240               | 014119-33-6 |
| 394  | TECHNETIUM-99               | 014133-76-7 |
| 444  | STRONTIUM-89                | 014158-27-1 |
| 125  | LEAD-210                    | 014255-04-0 |
| 568  | PHOSPHATE                   | 014265-44-2 |
| 107  | THORIUM-230                 | 014269-63-7 |
| 113  | THORIUM-228                 | 014274-82-9 |
| 582  | CHROMIUM-51                 | 014392-02-0 |
| 457  | BISMUTH-214                 | 014733-03-0 |
| 498  | CARBON-14                   | 014762-75-5 |
| 216  | NITRATE                     | 014797-55-8 |
| 212  | NITRITE                     | 014797-65-0 |
| 342  | PERCHLORATE                 | 014797-73-0 |
| 712  | SULFATE                     | 014808-79-8 |
| 114  | RADON-222                   | 014859-67-7 |
| 561  | BISMUTH-212                 | 014913-49-6 |
| 230  | ACTINIUM-227                | 014952-40-0 |
| 138  | IODINE-129                  | 015046-84-1 |
| 592  | THORIUM-234                 | 015065-10-8 |
| 457  | LEAD-214                    | 015067-28-4 |

## Candidate Substances for the 2007 Priority List, Sorted by CAS Number

| RANK | SUBSTANCE NAME                         | CAS #       |
|------|--|-------------|
| 437  | LEAD-212                               | 015092-94-1 |
| 121  | PLUTONIUM-239                          | 015117-48-3 |
| 372  | SULFUR-35                              | 015117-53-0 |
| 107  | URANIUM-235                            | 015117-96-1 |
| 106  | RADIUM-228                             | 015262-20-1 |
| 444  | EUROPIUM-154                           | 015585-10-1 |
| 221  | THORIUM-227                            | 015623-47-9 |
| 372  | LEAD(+2) SULFATE                       | 015739-80-7 |
| 413  | ALACHLOR                               | 015972-60-8 |
| 664  | 1,4-OXATHIANE                          | 015980-15-1 |
| 348  | CHROMIUM, TRIVALENT                    | 016065-83-1 |
| 507  | METHOMYL                               | 016752-77-5 |
| 692  | FLUOROBORIC ACID                       | 016872-11-0 |
| 712  | CHLORIDE                               | 016887-00-6 |
| 262  | FLUORIDE ION                           | 016984-48-8 |
| 395  | SULFIDE                                | 018496-25-8 |
| 18   | CHROMIUM, HEXAVALENT                   | 018540-29-9 |
| 526  | DIBORANE                               | 019287-45-7 |
| 443  | 4-AMINO-2,6-DINITROTOLUENE             | 019406-51-0 |
| 293  | 1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN | 019408-74-3 |
| 712  | IODIDE                                 | 020461-54-5 |
| 692  | ALUMINUM HYDROXIDE                     | 021645-51-2 |
| 425  | CYANAZINE                              | 021725-46-2 |
| 130  | RADON-220                              | 022481-48-7 |
| 526  | FICAM                                  | 022781-23-3 |
| 123  | METHYLMERCURY                          | 022967-92-6 |
| 555  | BROMIDE                                | 024959-67-9 |
| 649  | VINYL TOLUENE                          | 025013-15-4 |
| 501  | DINITROBENZENE                         | 025154-54-5 |
| 421  | NITROPHENOL                            | 025154-55-6 |
| 492  | CHLOROPHENOL                           | 025167-80-0 |
| 515  | DICHLOROPHENOL                         | 025167-81-1 |
| 349  | TRICHLOROPHENOL                        | 025167-82-2 |
| 177  | TETRACHLOROPHENOL                      | 025167-83-3 |
| 628  | CHLORONITROBENZENE                     | 025167-93-5 |
| 424  | CHLOROTOLUENE                          | 025168-05-2 |
| 218  | DINITROTOLUENE                         | 025321-14-6 |
| 254  | DICHLOROBENZENE                        | 025321-22-6 |
| 190  | TETRACHLOROETHANE                      | 025322-20-7 |
| 278  | DICHLOROETHYLENE                       | 025323-30-2 |
| 164  | TRICHLOROETHANE                        | 025323-89-1 |
| 660  | ETHYLMETHYLBENZENE                     | 025550-14-5 |
| 797  | TRIMETHYL BENZENE                      | 025551-13-7 |
| 674  | METHYLBENZOIC ACID                     | 025567-10-6 |
| 668  | CHLORONAPHTHALENE                      | 025586-43-0 |
| 712  | TETRAMETHYLBENZENE                     | 025619-60-7 |
| 712  | TRICHLOROTRIFLUOROETHANE               | 026523-64-8 |
| 617  | SODIUM AZIDE                           | 026628-22-8 |
| 563  | DICHLOROPROPANE                        | 026638-19-7 |
| 169  | TETRACHLOROBIPHENYL                    | 026914-33-0 |
| 393  | DICHLOROPROPENE                        | 026952-23-8 |
| 601  | CHLOROANILINE                          | 027134-26-5 |
| 507  | ETHYLNAPHTHALENE                       | 027138-19-8 |
| 149  | TRICHLOROFLUROETHANE                   | 027154-33-2 |
| 797  | DIMETHYLCYCLOHEXANE                    | 027195-67-1 |
| 171  | OXYCHLORDANE                           | 027304-13-8 |
| 496  | TRIMETHYLNAPHTHALENE                   | 028652-77-9 |
| 674  | DICHLORONAPHTHALENE                    | 028699-88-9 |
| 797  | DIMETHYL HEXANE                        | 028777-67-5 |
| 391  | DIMETHYLNAPHTHALENE                    | 028804-88-8 |
| 712  | METHYLLINDENE                          | 029036-25-7 |
| 481  | DIMETHYL PHENANTHRENE                  | 029062-98-4 |
| 441  | OCTACHLOROSTYRENE                      | 029082-74-4 |
| 797  | TRIMETHYLPENTANE                       | 029222-48-8 |
| 692  | NITROANILINE                           | 029757-24-2 |
| 669  | DICHLOROTOLUENE                        | 029797-40-8 |
| 481  | TRIMETHYL PHENANTHRENE                 | 030232-26-9 |
| 285  | TETRACHLORODIBENZOFURAN                | 030402-14-3 |
| 192  | PENTACHLORODIBENZOFURAN                | 030402-15-4 |
| 797  | DIMETHYLHEPTANE                        | 030498-66-9 |
| 478  | METHYLPHENANTHRENE                     | 031711-53-2 |
| 67   | ENDOSULFAN, BETA                       | 033213-65-9 |

| RANK | SUBSTANCE NAME                            | CAS #       |
|------|---|-------------|
| 194  | BIS(2-METHOXYETHYL) PHTHALATE             | 034006-76-3 |
| 574  | DICHLOROTRIFLUOROETHANE                   | 034077-87-7 |
| 153  | HEXACHLORODIBENZO-P-DIOXIN                | 034465-46-8 |
| 712  | BUTANOL                                   | 035296-72-1 |
| 340  | 2-AMINO-4,6-DINITROTOLUENE                | 035572-78-2 |
| 263  | 1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN | 035822-46-9 |
| 204  | PENTACHLORODIBENZO-P-DIOXIN               | 036088-22-9 |
| 154  | HEPTACHLORODIBENZO-P-DIOXIN               | 037871-00-4 |
| 166  | HEPTACHLORODIBENZOFURAN                   | 038998-75-3 |
| 162  | 1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN    | 039001-02-0 |
| 291  | 1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN    | 039227-28-6 |
| 712  | 2-BUTOXYETHANOL PHOSPHATE                 | 039454-62-1 |
| 466  | BIS(2-CHLOROISOPROPYL) ETHER              | 039638-32-9 |
| 289  | NONACHLOR, TRANS-                         | 039765-80-5 |
| 294  | 1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN     | 040321-76-4 |
| 202  | TETRACHLORODIBENZO-P-DIOXIN               | 041903-57-5 |
| 236  | DIBENZOFURANS, CHLORINATED                | 042934-53-2 |
| 797  | JP-4                                      | 050815-00-4 |
| 679  | METHYL-2-PYRROLIDINONE                    | 051013-18-4 |
| 207  | 2,3,7,8-TETRACHLORODIBENZOFURAN           | 051207-31-9 |
| 280  | METOLACHLOR                               | 051218-45-2 |
| 29   | AROCLOR 1242                              | 053469-21-9 |
| 63   | ENDRIN KETONE                             | 053494-70-5 |
| 438  | 1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN     | 055673-89-7 |
| 181  | HEXACHLORODIBENZOFURAN                    | 055684-94-1 |
| 238  | ALPHA-CHLORDENE                           | 056534-02-2 |
| 175  | GAMMA-CHLORDENE                           | 056641-38-4 |
| 70   | BENZOFLUORANTHENE                         | 056832-73-6 |
| 168  | 2,3,4,7,8-PENTACHLORODIBENZOFURAN         | 057117-31-4 |
| 436  | 1,2,3,7,8-PENTACHLORODIBENZOFURAN         | 057117-41-6 |
| 290  | 1,2,3,6,7,8-HEXACHLORODIBENZOFURAN        | 057117-44-9 |
| 288  | 1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN    | 057653-85-7 |
| 607  | TETRACHLOROBUTADIENE                      | 058334-79-5 |
| 296  | 2,3,4,6,7,8-HEXACHLORODIBENZOFURAN        | 060851-34-5 |
| 674  | METHYLPENTANONE                           | 063072-44-6 |
| 712  | POLYESTER RESINS                          | 063148-69-6 |
| 797  | MINERAL SPIRITS                           | 064475-85-0 |
| 336  | PHENOLICS                                 | 064743-03-9 |
| 797  | CUTTING OIL                               | 064771-79-5 |
| 372  | COKE, COAL                                | 065996-77-2 |
| 220  | COAL TAR PITCH                            | 065996-93-2 |
| 712  | FATTY ACIDS                               | 067254-79-9 |
| 273  | 1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN     | 067562-39-4 |
| 60   | DIBROMOCHLOROPROPANE                      | 067708-83-2 |
| 143  | POLYBROMINATED BIPHENYLS                  | 067774-32-7 |
| 679  | COAL FLY ASH                              | 068131-74-8 |
| 797  | GREASE                                    | 068153-81-1 |
| 797  | DIESEL FUEL                               | 068334-30-5 |
| 797  | BUTYLBENZENE                              | 068411-44-9 |
| 507  | CHLORINATED ETHANE DERIVATIVES            | 068411-72-3 |
| 797  | FUEL OIL NO. 2                            | 068476-30-2 |
| 797  | FUEL OIL NO. 6                            | 068553-00-4 |
| 405  | BAGHOUSE DUST (LIME)                      | 068919-24-4 |
| 291  | 1,2,3,4,7,8-HEXACHLORODIBENZOFURAN        | 070648-26-9 |
| 628  | HEXAHYDROAZEPINONE                        | 070874-80-5 |
| 81   | AROCLOR 1240                              | 071328-89-7 |
| 419  | INDENOPYRENE                              | 072254-06-9 |
| 279  | 1,2,3,7,8,9-HEXACHLORODIBENZOFURAN        | 072918-21-9 |
| 226  | BENZOPYRENE                               | 073467-76-2 |
| 350  | DICHLOROBROMOETHANE                       | 073506-91-9 |
| 372  | DIBROMOCHLOROETHANE                       | 073506-94-2 |
| 129  | AMERICIUM-241                             | 086954-36-1 |
| 712  | BATTERIES, SCRAP                          | 094551-99-2 |
| 692  | TURCO                                     | 100831-41-2 |
| 712  | ETCHANT BUFFERED OXIDE                    | 103171-30-8 |
| 8    | POLYCYCLIC AROMATIC HYDROCARBONS          | 130498-29-2 |
| 617  | SULFONIC ACIDS                            | 308076-40-6 |