

APPENDIX B

Clean Air Act Hazardous Air Pollutant List (1990 CAA Hazardous Air Pollutants)

Sorted by CAS Number		Sorted by Chemical Name	
CAS #	NAME	CAS #	NAME
NONE	Fine mineral fibers	79345	1,1,2,2-Tetrachloroethane
NONE	Glycol ethers - Note the glycol ether ethylene glycol monobutyl ether (EGBE or butyl cellosolve solvent, CAS # 111762), was delisted 11/29/04)	79005	1,1,2-Trichloroethane
NONE	Radionuclides (including radon)	57147	1,1-Dimethylhydrazine
50000	Formaldehyde	120821	1,2,4-Trichlorobenzene
51285	2,4-Dinitrophenol	96128	1,2-Dibromo-3-chloropropane
51796	Ethyl carbamate (Urethane)	122667	1,2-Diphenylhydrazine
53963	2-Acetylaminofluorene	106887	1,2-Epoxybutane
56235	Carbon tetrachloride	75558	1,2-Propylenimine (2-Methyl aziridine)
56382	Parathion	106990	1,3-Butadiene
57125	Cyanide	542756	1,3-Dichloropropene
57147	1,1-Dimethylhydrazine	1120714	1,3-Propane sultone
57578	beta-Propiolactone	106467	1,4-Dichlorobenzene
57749	Chlordane	123911	1,4-Dioxane (1,4-Diethyleneoxide)
58899	Lindane (all isomers)	540841	2,2,4-Trimethylpentane
59892	N-Nitrosomorpholine	1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin
60117	4-Dimethylaminoazobenzene (Dimethyl aminoazobenzene)	95954	2,4,5-Trichlorophenol
60344	Methyl hydrazine	88062	2,4,6-Trichlorophenol
60355	Acetamide	94757	2,4-D, salts and esters
62533	Aniline	51285	2,4-Dinitrophenol
62737	Dichlorvos	121142	2,4-Dinitrotoluene
62759	N-Nitrosodimethylamine	584849	2,4-Toluene diisocyanate
63252	Carbaryl	53963	2-Acetylaminofluorene
64675	Diethyl sulfate	532274	2-Chloroacetophenone
67561	Methanol	79469	2-Nitropropane
67663	Chloroform	91941	3,3'-Dichlorobenzidine
67721	Hexachloroethane	119904	3,3'-Dimethoxybenzidine
68122	Dimethyl formamide	119937	3,3-Dimethylbenzidine
71432	Benzene (including benzene from gasoline)	101144	4,4'-Methylene bis(2-chloroaniline)
71556	Methyl chloroform (1,1,1-Trichloroethane)	101779	4,4'-Methylenedianiline
72435	Methoxychlor	534521	4,6-Dinitro-o-cresol, and salts
74839	Methyl bromide (Bromomethane)	92671	4-Aminobiphenyl
74873	Methyl chloride (Chloromethane)	60117	4-Dimethylaminoazobenzene (Dimethyl aminoazobenzene)
74884	Methyl iodide (Iodomethane)	92933	4-Nitrobiphenyl
75003	Ethyl chloride (Chloroethane)	100027	4-Nitrophenol
75014	Vinyl chloride	75070	Acetaldehyde
75058	Acetonitrile	60355	Acetamide

Sorted by CAS Number		Sorted by Chemical Name	
75070	Acetaldehyde	75058	Acetonitrile
75092	Methylene chloride (Dichloromethane)	98862	Acetophenone
75150	Carbon disulfide	107028	Acrolein
75218	Ethylene oxide	79061	Acrylamide
75252	Bromoform	79107	Acrylic acid
75343	Ethylidene dichloride (1,1-Dichloroethane)	107131	Acrylonitrile
75354	Vinylidene chloride (1,1-Dichloroethylene)	107051	Allyl chloride
75445	Phosgene	62533	Aniline
75558	1,2-Propylenimine (2-Methyl aziridine)	7440360	Antimony
75569	Propylene oxide	7440382	Arsenic
76448	Heptachlor	1332214	Asbestos
77474	Hexachlorocyclopentadiene	71432	Benzene (including benzene from gasoline)
77781	Dimethyl sulfate	92875	Benzidine
78591	Isophorone	98077	Benzotrichloride
78875	Propylene dichloride (1,2-Dichloropropane)	100447	Benzyl chloride
79005	1,1,2-Trichloroethane	7440417	Beryllium
79016	Trichloroethylene	57578	beta-Propiolactone
79061	Acrylamide	92524	Biphenyl
79107	Acrylic acid	117817	bis(2-Ethylhexyl)phthalate (DEHP)
79118	Chloroacetic acid	542881	bis(Chloromethyl)ether
79345	1,1,2,2-Tetrachloroethane	75252	Bromoform
79447	Dimethylcarbamoyl chloride	7440439	Cadmium
79469	2-Nitropropane	156627	Calcium cyanamide
80626	Methyl methacrylate	133062	Captan
82688	Pentachloronitrobenzene (Quintobenzene)	63252	Carbaryl
84742	Dibutyl phthalate	75150	Carbon disulfide
85449	Phthalic anhydride	56235	Carbon tetrachloride
87683	Hexachlorobutadiene	463581	Carbonyl sulfide
87865	Pentachlorophenol	120809	Catechol
88062	2,4,6-Trichlorophenol	133904	Chloramben
90040	o-Anisidine	57749	Chlordane
91203	Naphthalene	7782505	Chlorine
91225	Quinoline	79118	Chloroacetic acid
91941	3,3'-Dichlorobenzidene	108907	Chlorobenzene
92524	Biphenyl	510156	Chlorobenzilate
92671	4-Aminobiphenyl	67663	Chloroform
92875	Benzidine	107302	Chloromethyl methyl ether
92933	4-Nitrobiphenyl	126998	Chloroprene
94757	2,4-D, salts and esters	7440473	Chromium
95476	o-Xylene (xylene isomer)	7440484	Cobalt
95487	o-Cresol (cresol isomer)	1319773	Cresols/cresylic acid (isomers and mixture)
95534	o-Toluidine	98828	Cumene
95807	Toluene-2,4-diamine	57125	Cyanide
95954	2,4,5-Trichlorophenol	3547044	DDE
96093	Styrene oxide	334883	Diazomethane

Sorted by CAS Number		Sorted by Chemical Name	
96128	1,2-Dibromo-3-chloropropane	132649	Dibenzofuran
96457	Ethylene thiourea	84742	Dibutyl phthalate
98077	Benzotrichloride	111444	Dichloroethyl ether (bis(2-Chloroethyl)ether)
98828	Cumene	62737	Dichlorvos
98862	Acetophenone	111422	Diethanolamine
98953	Nitrobenzene	64675	Diethyl sulfate
100027	4-Nitrophenol	68122	Dimethyl formamide
100414	Ethylbenzene	131113	Dimethyl phthalate
100425	Styrene	77781	Dimethyl sulfate
100447	Benzyl chloride	79447	Dimethylcarbamoyl chloride
101144	4,4'-Methylene bis(2-chloroaniline)	106898	Epichlorohydrin (1-Chloro-2,3-epoxypropane)
101688	Methylene diphenyl diisocyanate (MDI)	140885	Ethyl acrylate
101779	4,4'-Methylenedianiline	51796	Ethyl carbamate (Urethane)
106423	p-Xylene (xylene isomer)	75003	Ethyl chloride (Chloroethane)
106445	p-Cresol (cresol isomer)	100414	Ethylbenzene
106467	1,4-Dichlorobenzene	106934	Ethylene dibromide (Dibromoethane)
106503	p-Phenylenediamine	107062	Ethylene dichloride (1,2-Dichloroethane)
106514	Quinone	107211	Ethylene glycol
106887	1,2-Epoxybutane	151564	Ethylene imine (Aziridine)
106898	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	75218	Ethylene oxide
106934	Ethylene dibromide (Dibromoethane)	96457	Ethylene thiourea
106990	1,3-Butadiene	75343	Ethylidene dichloride (1,1-Dichloroethane)
107028	Acrolein	NONE	Fine mineral fibers
107051	Allyl chloride	50000	Formaldehyde
107062	Ethylene dichloride (1,2-Dichloroethane)	NONE	Glycol ethers - Note the glycol ether ethylene glycol monobutyl ether (EGBE or butyl cellosolve solvent, CAS # 111762), was delisted 11/29/04)
107131	Acrylonitrile	76448	Heptachlor
107211	Ethylene glycol	118741	Hexachlorobenzene
107302	Chloromethyl methyl ether	87683	Hexachlorobutadiene
108054	Vinyl acetate	77474	Hexachlorocyclopentadiene
108101	Methyl isobutyl ketone (Hexone)	67721	Hexachloroethane
108316	Maleic anhydride	822060	Hexamethylene diisocyanate
108383	m-Xylene (xylene isomer)	680319	Hexamethylphosphoramide
108394	m-Cresol (cresol isomer)	110543	Hexane (n-Hexane)
108883	Toluene	302012	Hydrazine
108907	Chlorobenzene	7647010	Hydrochloric acid
108952	Phenol	7664393	Hydrogen fluoride (Hydrofluoric acid)
110543	Hexane (n-Hexane)	123319	Hydroquinone
111422	Diethanolamine	78591	Isophorone
111444	Dichloroethyl ether (bis(2-Chloroethyl)ether)	7439921	Lead
114261	Propoxur (Baygon)	58899	Lindane (all isomers)
117817	bis(2-Ethylhexyl)phthalate (DEHP)	108316	Maleic anhydride

Sorted by CAS Number		Sorted by Chemical Name	
118741	Hexachlorobenzene	7439965	Manganese
119904	3,3'-Dimethoxybenzidine	108394	m-Cresol (cresol isomer)
119937	3,3-Dimethylbenzidine	7439976	Mercury
120809	Catechol	67561	Methanol
120821	1,2,4-Trichlorobenzene	72435	Methoxychlor
121142	2,4-Dinitrotoluene	74839	Methyl bromide (Bromomethane)
121448	Triethylamine	74873	Methyl chloride (Chloromethane)
121697	N,N-Dimethylaniline	71556	Methyl chloroform (1,1,1-Trichloroethane)
122667	1,2-Diphenylhydrazine	60344	Methyl hydrazine
123319	Hydroquinone	74884	Methyl iodide (Iodomethane)
123386	Propionaldehyde	108101	Methyl isobutyl ketone (Hexone)
123911	1,4-Dioxane (1,4-Diethyleneoxide)	624839	Methyl isocyanate
126998	Chloroprene	80626	Methyl methacrylate
127184	Tetrachloroethylene (Perchloroethylene)	1634044	Methyl tert-butyl ether (MTBE)
131113	Dimethyl phthalate	75092	Methylene chloride (Dichloromethane)
132649	Dibenzofuran	101688	Methylene diphenyl diisocyanate (MDI)
133062	Captan	108383	m-Xylene (xylene isomer)
133904	Chloramben	121697	N,N-Dimethylaniline
140885	Ethyl acrylate	91203	Naphthalene
151564	Ethylene imine (Aziridine)	7440020	Nickel
156627	Calcium cyanamide	98953	Nitrobenzene
302012	Hydrazine	62759	N-Nitrosodimethylamine
334883	Diazomethane	59892	N-Nitrosomorpholine
463581	Carbonyl sulfide	684935	N-Nitroso-N-methylurea
510156	Chlorobenzilate	90040	o-Anisidine
532274	2-Chloroacetophenone	95487	o-Cresol (cresol isomer)
534521	4,6-Dinitro-o-cresol, and salts	95534	o-Toluidine
540841	2,2,4-Trimethylpentane	95476	o-Xylene (xylene isomer)
542756	1,3-Dichloropropene	56382	Parathion
542881	bis(Chloromethyl)ether	106445	p-Cresol (cresol isomer)
584849	2,4-Toluene diisocyanate	82688	Pentachloronitrobenzene (Quintobenzene)
593602	Vinyl bromide	87865	Pentachlorophenol
624839	Methyl isocyanate	108952	Phenol
680319	Hexamethylphosphoramide	75445	Phosgene
684935	N-Nitroso-N-methylurea	7803512	Phosphine
822060	Hexamethylene diisocyanate	7723140	Phosphorus
1120714	1,3-Propane sultone	85449	Phthalic anhydride
1319773	Cresols/cresylic acid (isomers and mixture)	1336363	Polychlorinated biphenyls (Aroclors)
1330207	Xylenes (isomers and mixture)	106503	p-Phenylenediamine
1332214	Asbestos	123386	Propionaldehyde
1336363	Polychlorinated biphenyls (Aroclors)	114261	Propoxur (Baygon)
1582098	Trifluralin	78875	Propylene dichloride (1,2-Dichloropropane)
1634044	Methyl tert-butyl ether (MTBE)	75569	Propylene oxide
1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin	106423	p-Xylene (xylene isomer)
3547044	DDE	91225	Quinoline
7439921	Lead	106514	Quinone

Sorted by CAS Number		Sorted by Chemical Name	
7439965	Manganese	NONE	Radionuclides (including radon)
7439976	Mercury	7782492	Selenium
7440020	Nickel	100425	Styrene
7440360	Antimony	96093	Styrene oxide
7440382	Arsenic	127184	Tetrachloroethylene (Perchloroethylene)
7440417	Beryllium	7550450	Titanium tetrachloride
7440439	Cadmium	108883	Toluene
7440473	Chromium	95807	Toluene-2,4-diamine
7440484	Cobalt	8001352	Toxaphene (chlorinated camphene)
7550450	Titanium tetrachloride	79016	Trichloroethylene
7647010	Hydrochloric acid	121448	Triethylamine
7664393	Hydrogen fluoride (Hydrofluoric acid)	1582098	Trifluralin
7723140	Phosphorus	108054	Vinyl acetate
7782492	Selenium	593602	Vinyl bromide
7782505	Chlorine	75014	Vinyl chloride
7803512	Phosphine	75354	Vinylidene chloride (1,1-Dichloroethylene)
8001352	Toxaphene (chlorinated camphene)	1330207	Xylenes (isomers and mixture)

Highlighted pollutants are HAPs of interest. Please refer to FAQ's on our website.