

## Clean Air Act of 1963

The Clean Air Act was incorporated into the United States Code as Title 42, Chapter 85. EPA is responsible for controlling chemicals, certain industrial processes and consumer products which may result in air pollution. Chemicals controlled by this act are as follows:

### Subchapter I section 7412 (b)(1)

Chemical Name	CAS No.
Acetaldehyde	75-07-0
Acetamide	60-35-5
Acetonitrile	75-05-8
Acetophenone	98-86-2
2-Acetylaminofluorene	53-96-3
Acrolein	107-02-8
Acrylamide	79-06-1
Acrylic acid	79-10-7
Acrylonitrile	107-13-1
Allyl chloride	107-05-1
4-Aminobiphenyl	92-67-1
Aniline	62-53-3
o-Anisidine	90-04-0
Asbestos	1332-21-4
Benzene (including benzene from gasoline)	71-43-2
Benzidine	92-87-5
Benzotrichloride	98-07-7
Benzyl chloride	100-44-7
Biphenyl	92-52-4
Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7
Bis(chloromethyl)ether	542-88-1
Bromoform	75-25-2
1,3-Butadiene	106-99-0
Calcium cyanamide	156-62-7
Caprolactam	105-60-2
Captan	133-06-2
Carbaryl	63-25-2
Carbon disulfide	75-15-0
Carbon tetrachloride	56-23-5

Carbonyl sulfide	463-58-1
Catechol	120-80-9
Chloramben	133-90-4
Chlordane	57-74-9
Chlorine	7782-50-5
Chloroacetic acid	79-11-8
2-Chloroacetophenone	532-27-4
Chlorobenzene	108-90-7
Chlorobenzilate	510-15-6
Chloroform	67-66-3
Chloromethyl methyl ether	107-30-2
Chloroprene	126-99-8
Cresols/Cresylic acid (isomers and mixture)	1319-77-3
o-Cresol	95-48-7
m-Cresol	108-39-4
p-Cresol	106-44-5
Cumene	98-82-8
2,4-D, salts and esters	94-75-7
DDE	3547-04-4
Diazomethane	334-88-3
Dibenzofurans	132-64-9
1,2-Dibromo-3-chloropropane	96-12-8
Dibutylphthalate	84-74-2
1,4-Dichlorobenzene(p)	106-46-7
3,3-Dichlorobenzidene	91-94-1
Dichloroethyl ether (Bis(2-chloroethyl)ether)	111-44-4
1,3-Dichloropropene	542-75-6
Dichlorvos	62-73-7
Diethanolamine	111-42-2
N,N-Diethyl aniline (N,N-Dimethylaniline)	121-69-7
Diethyl sulfate	64-67-5
3,3-Dimethoxybenzidine	119-90-4
Dimethyl aminoazobenzene	60-11-7
3,3'-Dimethyl benzidine	119-93-7
Dimethyl carbamoyl chloride	79-44-7
Dimethyl formamide	68-12-2
1,1-Dimethyl hydrazine	57-14-7
Dimethyl phthalate	131-11-3
Dimethyl sulfate	77-78-1
4,6-Dinitro-o-cresol, and salts	534-52-1
2,4-Dinitrophenol	51-28-5
2,4-Dinitrotoluene	121-14-2
1,4-Dioxane (1,4-Diethyleneoxide)	123-91-1
1,2-Diphenylhydrazine	122-66-7

Epichlorohydrin (1-Chloro-2,3-epoxypropane)	106-89-8
1,2-Epoxybutane	106-88-7
Ethyl acrylate	140-88-5
Ethyl benzene	100-41-4
Ethyl carbamate (Urethane)	51-79-6
Ethyl chloride (Chloroethane)	75-00-3
Ethylene dibromide (Dibromoethane)	106-93-4
Ethylene dichloride (1,2-Dichloroethane)	107-06-2
Ethylene glycol	107-21-1
Ethylene imine (Aziridine)	151-56-4
Ethylene oxide	75-21-8
Ethylene thiourea	96-45-7
Ethylidene dichloride (1,1-Dichloroethane)	75-34-3
Formaldehyde	50-00-0
Heptachlor	76-44-8
Hexachlorobenzene	118-74-1
Hexachlorobutadiene	87-68-3
Hexachlorocyclopentadiene	77-47-4
Hexachloroethane	67-72-1
Hexamethylene-1,6-diisocyanate	822-06-0
Hexamethylphosphoramide	680-31-9
Hexane	110-54-3
Hydrazine	302-01-2
Hydrochloric acid	7647-01-0
Hydrogen fluoride (Hydrofluoric acid)	7664-39-3
Hydroquinone	123-31-9
Isophorone	78-59-1
Lindane (all isomers)	58-89-9
Maleic anhydride	108-31-6
Methanol	67-56-1
Methoxychlor	72-43-5
Methyl bromide (Bromomethane)	74-83-9
Methyl chloride (Chloromethane)	74-87-3
Methyl chloroform (1,1,1-Trichloroethane)	71-55-6
Methyl ethyl ketone (2-Butanone)	78-93-3
Methyl hydrazine	60-34-4
Methyl iodide (Iodomethane)	74-88-4
Methyl isobutyl ketone (Hexone)	108-10-1
Methyl isocyanate	624-83-9
Methyl methacrylate	80-62-6
Methyl tert butyl ether	1634-04-4
4,4-Methylene bis(2-chloroaniline)	101-14-4
Methylene chloride (Dichloromethane)	75-09-2
Methylene diphenyl diisocyanate (MDI)	101-68-8

4,4'-Methylenedianiline	101-77-9
Naphthalene	91-20-3
Nitrobenzene	98-95-3
4-Nitrobiphenyl	92-93-3
4-Nitrophenol	100-02-7
2-Nitropropane	79-46-9
N-Nitroso-N-methylurea	684-93-5
N-Nitrosodimethylamine	62-75-9
N-Nitrosomorpholine	59-89-2
Parathion	56-38-2
Pentachloronitrobenzene (Quintobenzene)	82-68-8
Pentachlorophenol	87-86-5
Phenol	108-95-2
p-Phenylenediamine	106-50-3
Phosgene	75-44-5
Phosphine	7803-51-2
Phosphorus	7723-14-0
Phthalic anhydride	85-44-9
Polychlorinated biphenyls (Aroclors)	1336-36-3
1,3-Propane sultone	1120-71-4
beta-Propiolactone	57-57-8
Propionaldehyde	123-38-6
Propoxur (Baygon)	114-26-1
Propylene dichloride (1,2-Dichloropropane)	78-87-5
Propylene oxide	75-56-9
1,2-Propylenimine (2-Methyl aziridine)	75-55-8
Quinoline	91-22-5
Quinone	106-51-4
Styrene	100-42-5
Styrene oxide	96-09-3
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6
1,1,2,2-Tetrachloroethane	79-34-5
Tetrachloroethylene (Perchloroethylene)	127-18-4
Titanium tetrachloride	7550-45-0
Toluene	108-88-3
2,4-Toluene diamine	95-80-7
2,4-Toluene diisocyanate	584-84-9
o-Toluidine	95-53-4
Toxaphene (chlorinated camphene)	8001-35-2
1,2,4-Trichlorobenzene	120-82-1
1,1,2-Trichloroethane	79-00-5
Trichloroethylene	79-01-6
2,4,5-Trichlorophenol	95-95-4
2,4,6-Trichlorophenol	88-06-2

Triethylamine	121-44-8
Trifluralin	1582-09-8
2,2,4-Trimethylpentane	540-84-1
Vinyl acetate	108-05-4
Vinyl bromide	593-60-2
Vinyl chloride	75-01-4
Vinylidene chloride (1,1-Dichloroethylene)	75-35-4
Xylenes (isomers and mixture)	1330-20-7
o-Xylenes	95-47-6
m-Xylenes	108-38-3
p-Xylenes	106-42-3
Antimony Compounds	-----
Arsenic Compounds (inorganic including arsine)	-----
Beryllium Compounds	-----
Cadmium Compounds	-----
Chromium Compounds	-----
Cobalt Compounds	-----
Coke Oven Emissions	-----
Cyanide Compounds 1	-----
Glycol ethers 2	-----
Lead Compounds	-----
Manganese Compounds	-----
Mercury Compounds	-----
Fine mineral fibers 3	-----
Nickel Compounds	-----
Polycyclic Organic Matter 4	-----
Radionuclides (including radon) 5	-----
Selenium Compounds	-----

Subchapter VI section 7671a (a)

Chemical Name	CAS Number
Group I	
CFC-11 (CCl <sub>3</sub> F) Trichlorofluoromethane	75-69-4
CFC-12 (CCl <sub>2</sub> F <sub>2</sub> ) Dichlorodifluoromethane	75-71-8
CFC-113 (C <sub>2</sub> F <sub>3</sub> Cl <sub>3</sub> ) 1,1,2-Trichlorotrifluoroethane	76-13-1
CFC-114 (C <sub>2</sub> F <sub>4</sub> Cl <sub>2</sub> ) Dichlorotetrafluoroethane	76-14-2
CFC-115 (C <sub>2</sub> F <sub>5</sub> Cl) Monochloropentafluoroethane	76-15-3
Group II	
Halon 1211 (CF <sub>2</sub> ClBr) Bromochlorodifluoromethane	353-59-3
Halon 1301 (CF <sub>3</sub> Br) Bromotrifluoromethane	75-63-8
Halon 2402 (C <sub>2</sub> F <sub>4</sub> Br <sub>2</sub> ) Dibromotetrafluoroethane	124-73-2
Group III	

CFC-13 (CF <sub>3</sub> Cl) Chlorotrifluoromethane	75-72-9
CFC-111 (C <sub>2</sub> FCl <sub>5</sub> ) Pentachlorofluoroethane	354-56-3
CFC-112 (C <sub>2</sub> F <sub>2</sub> Cl <sub>4</sub> ) Tetrachlorodifluoroethane	76-12-0
CFC-211 (C <sub>3</sub> FCl <sub>7</sub> ) Heptachlorofluoropropane	422-78-6
CFC-212 (C <sub>3</sub> F <sub>2</sub> Cl <sub>6</sub> ) Hexachlorodifluoropropane	3182-26-1
CFC-213 (C <sub>3</sub> F <sub>3</sub> Cl <sub>5</sub> ) Pentachlorotrifluoropropane	6/5/2354
CFC-214 (C <sub>3</sub> F <sub>4</sub> Cl <sub>4</sub> ) Tetrachlorotetrafluoropropane	29255-31-0
CFC-215 (C <sub>3</sub> F <sub>5</sub> Cl <sub>3</sub> ) Trichloropentafluoropropane	4259-43-2
CFC-216 (C <sub>3</sub> F <sub>6</sub> Cl <sub>2</sub> ) Dichlorohexafluoropropane	661-97-2
CFC-217 (C <sub>3</sub> F <sub>7</sub> Cl) Chloroheptafluoropropane	422-86-6
Group IV	
CCl <sub>4</sub> Carbon tetrachloride	56-23-5
Group V	
Methyl Chloroform (C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub> ) 1,1,1-trichloroethane	71-55-6

### Subchapter VI section 7671a (b)

Chemical Name	CAS Number
HCFC-21 (CHFCl <sub>2</sub> ) Dichlorofluoromethane	75-43-4
HCFC-22 (CHF <sub>2</sub> Cl) Monochlorodifluoromethane	75-45-6
HCFC-31 (CH <sub>2</sub> FCl) Monochlorofluoromethane	593-70-4
HCFC-121 (C <sub>2</sub> HFCl <sub>4</sub> ) Tetrachlorofluoroethane	354-14-3
HCFC-122 (C <sub>2</sub> HF <sub>2</sub> Cl <sub>3</sub> ) Trichlorodifluoroethane	354-21-2
HCFC-123 (C <sub>2</sub> HF <sub>3</sub> Cl <sub>2</sub> ) Dichlorotrifluoroethane	306-83-2
HCFC-124 (C <sub>2</sub> HF <sub>4</sub> Cl) Monochlorotetrafluoroethane	2837-89-0
HCFC-131 (C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub> ) Trichlorofluoroethane	359-28-4
HCFC-132b (C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>2</sub> ) Dichlorodifluoroethane	1649-08-7
HCFC-133a (C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Cl) Monochlorotrifluoroethane	75-88-7
HCFC-141b (C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub> ) Dichlorofluoroethane	1717-00-6
HCFC-142b (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl) Monochlorodifluoroethane	75-68-3
HCFC-221 (C <sub>3</sub> HFCl <sub>6</sub> ) Hexachlorofluoropropane	422-26-4
HCFC-222 (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> ) Pentachlorodifluoropropane	422-49-1
HCFC-223 (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> ) Tetrachlorotrifluoropropane	422-52-6
HCFC-224 (C <sub>3</sub> HF <sub>4</sub> Cl <sub>3</sub> ) Trichlorotetrafluoropropane	422-54-8
HCFC-225ca (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> ) Dichloropentafluoropropane	422-56-0
HCFC-225cb (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> ) Dichloropentafluoropropane	507-55-1
HCFC-226 (C <sub>3</sub> HF <sub>6</sub> Cl) Monochlorohexafluoropropane	431-87-8
HCFC-231 (C <sub>3</sub> H <sub>2</sub> FCl <sub>5</sub> ) Pentachlorofluoropropane	421-94-3
HCFC-232 (C <sub>3</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>4</sub> ) Tetrachlorodifluoropropane	460-89-9
HCFC-233 (C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Cl <sub>3</sub> ) Trichlorotrifluoropropane	7125-84-0
HCFC-234 (C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Cl <sub>2</sub> ) Dichlorotetrafluoropropane	425-94-5
HCFC-235 (C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Cl) Monochloropentafluoropropane	460-92-4
HCFC-241 (C <sub>3</sub> H <sub>3</sub> FCl <sub>4</sub> ) Tetrachlorofluoropropane	666-27-3

HCFC-242 (C3H3F2Cl3) Trichlorodifluoropropane	460-63-9
HCFC-243 (C3H3F3Cl2) Dichlorotrifluoropropane	460-69-5
HCFC-244 (C3H3F4Cl) Monochlorotetrafluoropropane	-----
HCFC-251 (C3H4FCl3) Monochlorotetrafluoropropane	421-41-0
HCFC-252 (C3H4F2Cl2) Dichlorodifluoropropane	819-00-1
HCFC-253 (C3H4F3Cl) Monochlorotrifluoropropane	460-35-5
HCFC-261 (C3H5FCl2) Dichlorofluoropropane	420-97-3
HCFC-262 (C3H5F2Cl) Monochlorodifluoropropane	421-02-03
HCFC-271 (C3H6FCl) Monochlorofluoropropane	430-55-7

EPA FRL-4810-7 and FRL-7529-4

Group VI
Methyl Bromide (CH3Br)
Group VII
CHBr2
HBFC-12B1(CHF2Br)
CH2FBr
C2HFBr4
C2HF2Br3
C2HF3Br2
C2HF4Br
C2H2FBr3
C2H2F2Br2
C2H2F3Br
C2H3FBr2
C2H3F2Br
C2H4FBr
C3HFBr6
C3HF2Br5
C3HF3Br4
C3HF4Br3
C3HF5Br2
C3HF6Br
C3H2FBr5
C3H2F2Br4
C3H2F3Br3
C3H2F4Br2
C3H2F5Br
C3H3FBr4
C3H3F2Br3
C3H3F3Br2
C3H3F4Br

C <sub>3</sub> H <sub>4</sub> FBr <sub>3</sub>
C <sub>3</sub> H <sub>4</sub> F <sub>2</sub> Br <sub>2</sub>
C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> Br
C <sub>3</sub> H <sub>5</sub> FBr <sub>2</sub>
C <sub>3</sub> H <sub>5</sub> F <sub>2</sub> Br
C <sub>3</sub> H <sub>6</sub> FBr
Group VIII
CH <sub>2</sub> BrCl Chlorobromomethane