

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
ADMINISTRATIVE CODE

CHAPTER 335-3
APPENDICES

335-3-G Appendix G - Clean Air Act Amendments of 1990 - List of Hazardous Air Pollutants.

| Chemical Name | CAS Number |
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| Acetaldehyde | 75070 |
| Acetamide | 60355 |
| Acetonitrile | 75058 |
| Acetophenone | 98862 |
| 2-Acetylaminofluorene | 53963 |
| Acrolein | 107028 |
| Acrylamide | 79061 |
| Acrylic Acid | 79107 |
| Acrylonitrile | 107131 |
| Allyl chloride | 107051 |
| 4-Aminobiphenyl | 92671 |
| Aniline | 62533 |
| o-Anisidine | 90040 |
| Asbestos | 1332214 |
| Benzene (includes benzene from gasoline) | 71432 |
| Benzidine | 92875 |
| Benzotrichloride | 98077 |
| Benzyl chloride | 100447 |
| Biphenyl | 92524 |
| Bis(2-ethylhexyl)phthalate [DEHP] | 117817 |
| Bis(chloromethyl)ether | 542881 |
| Bromoform | 75252 |
| 1-Bromopropane (1-BP) | 106945 |
| 1,3-Butadiene | 106990 |
| Calcium cyanamide | 156627 |
| Captan | 133062 |
| Carbaryl | 63252 |
| Carbon disulfide | 75150 |
| Carbon tetrachloride | 56235 |
| Carbonyl sulfide | 463581 |
| Catechol | 120809 |
| Chloramben | 133904 |
| Chlordane | 57749 |
| Chlorine | 7782505 |
| Chloroacetic Acid | 79118 |
| 2-Chloroacetophenone | 532274 |

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| Chlorobenzene | 108907 |
| Chlorobenzilate | 510156 |
| Chloroform | 67663 |
| Chloromethyl methyl ether | 107302 |
| Chloroprene | 126998 |
| Cresols/Cresylic acid (isomers and mixtures) | 1319773 |
| o-Cresol | 95487 |
| m-cresol | 108394 |
| p-cresol | 106445 |
| Cumene | 98828 |
| 2,4-D, salts & esters | 94757 |
| DDE | 3547044 |
| Diazomethane | 334883 |
| Dibenzofurans | 132649 |
| 1,2-Dibromo-3-chloropropane | 96128 |
| Dibutylphthalate | 84742 |
| 1,4-Dichlorobenzene (p) | 106467 |
| 3,3-Dichlorobenzidene | 91941 |
| Dichlorethylether (Bis(2-chloroethyl)ether) | 111444 |
| 1,3-Dichloropropene | 542756 |
| Dichlorvos | 62737 |
| Diethanolamine | 111422 |
| N,N-Diethyl aniline (N,N-Dimethylaniline) | 121697 |
| Diethyl sulfate | 64675 |
| 3,3-Dimethoxybenzidene | 119904 |
| Dimethyl aminobenzene | 60117 |
| 3,3-Dimethyl benzidene | 119937 |
| Dimethyl carbamoyl chloride | 79447 |
| Dimethyl formamide | 68122 |
| 1,1-Dimethyl hydrazine | 57147 |
| Dimethyl phthalate | 131113 |
| Dimethyl sulfate | 77781 |
| 4,6-Dinitro-o-cresol, and salts | 534521 |
| 2,4-Dinitrophenol | 51285 |
| 2,4-Dinitrotoluene | 121142 |
| 1,4-Dioxane (1,4-Diethyleneoxide) | 123911 |
| 1,2-Diphenylhydrazine | 122667 |
| Epichlorohydrin (1-Chloro-2,3-epoxypropane) | 106898 |
| 1,2-Epoxybutane | 106887 |
| Ethyl acrylate | 140885 |
| Ethyl benzene | 100414 |
| Ethyl carbamate (Urethane) | 51796 |
| Ethyl chloride (Chloroethane) | 75003 |
| Ethylene dibromide (Dibromoethane) | 106934 |
| Ethylene dichloride (1,2-Dichloroethane) | 107062 |
| Ethylene glycol | 107211 |
| Ethylene imine (Aziridine) | 151564 |
| Ethylene oxide | 75218 |
| Ethylene thiourea | 96457 |

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| Ethylidenedichloride (1,1-Dichloroethane) | 75343 |
| Formaldehyde | 50000 |
| Heptachlor | 76448 |
| Hexachlorobenzene | 118741 |
| Hexachlorobutadiene | 87683 |
| Hexachlorocyclopentadiene | 77474 |
| Hexachloroethane | 67721 |
| Hexamethylene-1,6-diisocyanate | 822060 |
| Hexamethylphosphoramide | 680319 |
| Hexane | 110543 |
| Hydrazine | 302012 |
| Hydrochloric Acid | 7647010 |
| Hydrogen fluoride (Hydrofluoric acid) | 7664393 |
| Hydroquinone | 123319 |
| Isophorone | 78591 |
| Lindane (all isomers) | 58899 |
| Maleic anhydride | 108316 |
| Methanol | 67561 |
| Methoxychlor | 72435 |
| Methyl bromide (Bromomethane) | 74839 |
| Methyl chloride (Chloromethane) | 74873 |
| Methylchloroform (1,1,1-Trichloroethane) | 71556 |
| Methyl hydrazine | 60344 |
| Methyl iodide (Iodomethane) | 74884 |
| Methyl isobutyl ketone (Hexone) | 108101 |
| Methyl isocyanate | 624839 |
| Methyl methacrylate | 80626 |
| Methyl tertiary butyl ether | 1634044 |
| 4,4-Methylene bis(2-chloroaniline) | 101144 |
| Methylene chloride (Dichloromethane) | 75092 |
| Methylene diphenyl diisocyanate (MDI) | 101688 |
| 4,4-Methylenedianiline | 101779 |
| Naphthalene | 91203 |
| Nitrobenzene | 98953 |
| 4-Nitrobiphenyl | 92933 |
| 4-Nitrophenol | 100027 |
| 2-Nitropropane | 79469 |
| N-Nitroso-N-methylurea | 684935 |
| N-Nitrosodimethylamine | 62759 |
| N-Nitrosomorpholine | 59892 |
| Parathion | 56382 |
| Pentachloronitrobenzene (Quintobenzene) | 82688 |
| Pentachlorophenol | 87865 |
| Phenol | 108952 |
| p-Phenylenediamine | 106503 |
| Phosgene | 75445 |
| Phosphine | 7803512 |
| Phosphorous | 7723140 |
| Phthalic Anhydride | 85449 |

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| Polychlorinated biphenyls (Arochlors) | 1336363 |
| 1,3-Propane sultone | 1120714 |
| beta-Propriolactone | 57578 |
| Propionaldehyde | 123386 |
| Propoxur (Baygon) | 114261 |
| Propylenedichloride (1,2-Dichloropropane) | 78875 |
| Propylene oxide | 75569 |
| 1,2-Propylenimine (2-Methyl aziridine) | 75558 |
| Quinoline | 91225 |
| Quinone | 106514 |
| Styrene | 100425 |
| Styrene oxide | 96093 |
| 2,3,7,8-Tetrachlorodibenzo-p-dioxin | 1746016 |
| 1,1,2,2-Tetrachloroethane | 79345 |
| Tetrachlorethylene (Perchloroethylene) | 127184 |
| Titanium tetrachloride | 7550450 |
| Toluene | 108883 |
| 2,4-Toluene diamine | 95807 |
| 2,4-Toluene diisocyanate | 584849 |
| o-Toluidine | 95534 |
| Toxaphene (chlorinated Camphene) | 8001352 |
| 1,2,4-Trichlorobenzene | 120821 |
| 1,1,2-Trichloroethane | 79005 |
| Trichloroethylene | 79016 |
| 2,4,5-Trichlorophenol | 95954 |
| 2,4,6-Trichlorophenol | 88062 |
| Triethylamine | 121448 |
| Trifluralin | 1582098 |
| 2,2,4-Trimethylpentane | 540841 |
| Vinyl acetate | 108054 |
| Vinyl bromide | 593602 |
| Vinyl chloride | 75014 |
| Vinylidenechloride (1,1-Dichloroethylene) | 75354 |
| Xylenes (isomers and mixtures) | 1330207 |
| o-Xylenes | 95476 |
| m-Xylenes | 108383 |
| p-Xylenes | 106423 |
| 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 | --- |

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| Fine mineral fibers ³ | --- |
| Nickel compounds | --- |
| Polycyclic organic matter ⁴ | --- |
| Radionuclides (including radon) ⁵ | --- |
| Selenium Compounds | --- |

¹ X'CN where X = H' or any other group where a formal dissociation may occur. For example, KCN or Ca(CN)₂

² Includes mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH₂CH₂)_n-OR' where:

n = 1, 2, or 3

R = alkyl or aryl groups

R' = R, H, or groups which, when removed, yield glycol ethers with the structure: (OCH₂CH)_n-OH. Polymers are excluded from the glycol category.

The substance ethylene glycol monobutyl ether (EGBE, 2-Butoxyethanol) (CAS Number 111-76-2) is deleted from the list of hazardous air pollutants.

³ Includes mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers (or other mineral derived fibers) of average diameter 1 micrometer or less.

⁴ Includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100° C.

⁵ A type of atom which spontaneously undergoes radioactive decay.

NOTE: For all listings above which contain the word "compounds" and for glycol ethers, the following applies: Unless otherwise specified, these listings are defined as including any unique chemical substance that contains the named chemical (i.e., antimony, arsenic, etc.) as part of that chemical's infrastructure.

Author: The Department of Environmental Management

Statutory Authority: Code of Ala. 1975, §§22-28-10, 22-28-11, 22-28-14, 22-28-18, 22-28-20, 22-28-22, 22-22A-5, 22-22A-6, 22-22A-8.

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