

The HAPs (Hazardous Air Pollutants) are separated into two categories based on the toxicity of each chemical. Each category has a different emission point reporting level. If a facility emits more than the reporting level for at least one HAP from a single emission point then the amount used and emitted must be reported on the Emission Inventory Questionnaire. NOTE: Criteria pollutant emissions should also be included when checking on the 200 pound reporting level.

Emission reporting levels are: Category 1 HAPs - 20 Lbs/Yr;
 Category 2 HAPs - 200 Lbs/Yr

Chemical Abstracts

Service Number	Pollutant	VOC	PM
CATEGORY 1 HAZARDOUS AIR POLLUTANTS			
TP15	POLYCYCLIC ORGANIC MATTER	YES	NO
20-01-9	ARSENIC COMPOUNDS (INORGANIC INCLUDING ARSINE)	NO	YES
20-06-4	CHROMIUM COMPOUNDS	NO	YES
20-11-1	LEAD COMPOUNDS	NO	YES
20-13-3	MERCURY COMPOUNDS (ALKYL & ARYL)	NO	NO

20-13-3	MERCURY COMPOUNDS (INORGANIC)	NO	NO
20-14-4	NICKEL COMPOUNDS	NO	YES
57-74-9	CHLORDANE	YES	NO
71-43-2	BENZENE	YES	NO
72-43-5	METHOXYCHLOR	YES	NO

75-01-4	VINYL CHLORIDE	YES	NO
76-44-8	HEPTACHLOR	YES	NO
92-87-5	BENZIDINE	YES	NO
106-99-0	BUTADIENE, [1,3-]	YES	NO
107-30-2	CHLOROMETHYL METHYL ETHER	YES	NO

118-74-1	HEXACHLOROBENZENE	YES	NO
542-88-1	BIS (CHLOROMETHYL) ETHER	YES	NO
1332-21-4	ASBESTOS	NO	YES
1336-36-3	PCB [POLYCHLORINATED BIPHENYLS]	YES	NO
1582-09-8	TRIFLURALIN	YES	NO

1746-01-6	TETRACHLORODIBENZO-P-DIOXIN, [2,3,7,8-]	YES	NO
8001-35-2	TOXAPHENE	YES	NO
8007-45-2	COKE OVEN EMISSIONS	YES	NO
CATEGORY 2 HAZARDOUS AIR POLLUTANTS			
TP14	MINERAL FIBERS	NO	YES
TP16	RADIONUCLIDES (INCLUDING RADON)	NO	YES
20-00-8	ANTIMONY COMPOUNDS	NO	YES
20-03-1	BERYLLIUM COMPOUNDS	NO	YES
20-04-2	CADMIUM COMPOUNDS	NO	YES

20-07-5	COBALT COMPOUNDS	NO	YES
20-09-7	CYANIDE COMPOUNDS	YES	NO
20-10-0	GLYCOL ETHERS	YES	NO
20-12-2	MANGANESE COMPOUNDS	NO	YES
20-16-6	SELENIUM COMPOUNDS	NO	YES

50-00-0	FORMALDEHYDE	YES	NO
51-28-5	DINITROPHENOL, [2,4-]	YES	NO
51-79-6	URETHANE [ETHYL CARBAMATE]	YES	NO
53-96-3	ACETYLAMINOFLUORENE, [2-]	YES	NO
56-23-5	CARBON TETRACHLORIDE	YES	NO

56-38-2	PARATHION	YES	NO
57-14-7	DIMETHYL HYDRAZINE, [1,1-]	YES	NO
57-57-8	PROPIOLACTONE, [BETA-]	YES	NO
58-89-9	LINDANE	YES	NO
	[GAMMA-HEXACHLOROCYCLOHEXANE]		
59-89-2	NITROSOMORPHOLINE, [N-]	YES	NO

60-11-7	DIMETHYLAMINOAZOBENZENE, [4-]	YES	NO
60-34-4	METHYL HYDRAZINE	YES	NO
60-35-5	ACETAMIDE	YES	NO
62-53-3	ANILINE	YES	NO
62-73-7	DICHLORVOS	YES	NO

62-75-9	NITROSODIMETHYLAMINE, [N-]	YES	NO
63-25-2	CARBARYL	YES	NO
64-67-5	DIETHYL SULFATE	YES	NO
67-56-1	METHANOL	YES	NO
67-66-3	CHLOROFORM	NO	NO

67-72-1	HEXACHLOROETHANE	YES	NO
68-12-2	DIMETHYL FORMAMIDE	YES	NO
71-55-6	TRICHLOROETHANE, [1,1,1-]	NO	NO
72-55-9	DDE	YES	NO
74-83-9	BROMOMETHANE	YES	NO

74-87-3	METHYL CHLORIDE	YES	NO
74-88-4	METHYL IODIDE	YES	NO
75-00-3	ETHYL CHLORIDE	YES	NO
75-05-8	ACETONITRILE	YES	NO
75-07-0	ACETALDEHYDE	YES	NO

75-09-2	DICHLOROMETHANE	NO	NO
75-15-0	CARBON DISULFIDE	YES	NO
75-21-8	ETHYLENE OXIDE	YES	NO
75-25-2	BROMOFORM	YES	NO
75-34-3	DICHLOROETHANE, [1,1-]	YES	NO

75-35-4	DICHLOROETHYLENE, [1,1-]	YES	NO
75-44-5	PHOSGENE	YES	NO
75-55-8	PROPYLENEIMINE, [1,2-]	YES	NO
75-56-9	PROPYLENE OXIDE	YES	NO
77-47-4	HEXACHLOROCYCLOPENTADIENE	YES	NO

77-78-1	DIMETHYL SULFATE	YES	NO
78-59-1	ISOPHPRONE	YES	NO
78-87-5	DICHLOROPROPANE, [1,2-]	YES	NO
79-00-5	TRICHLOROETHANE, [1,1,2-]	YES	NO

79-01-6	TRICHLOROETHYLENE	YES	NO
79-06-1	ACRYLAMIDE	YES	NO
79-10-7	ACRYLIC ACID	YES	NO
79-11-8	CHLOROACETIC ACID	YES	NO
79-34-5	TETRACHLOROETHANE, [1,1,2,2-]	YES	NO

79-44-7	DIMETHYLCARBAMOYL CHLORIDE	YES	NO
79-46-9	NITROPROPANE, [2-]	YES	NO
80-62-6	METHYL METHACRYLATE	YES	NO
82-68-8	PENTACHLORONITROBENZENE	YES	NO
84-74-2	DIBUTYL PHTHALATE	YES	NO

85-44-9	PHTHALIC ANHYDRIDE	YES	NO
87-68-3	HEXACHLOROBUTADIENE	YES	NO
87-86-5	PENTACHLOROPHENOL	YES	NO
88-06-2	TRICHLOROPHENOL, [2,4,6-]	YES	NO
90-04-0	ANISIDINE, [ORTHO-]	YES	NO

91-20-3	NAPHTHALENE	YES	NO
91-22-5	QUINOLINE	YES	NO
91-94-1	DICHLOROBENZIDINE, [3,3-]	YES	NO
92-52-4	BIPHENYL, [1,1-]	YES	NO
92-67-1	AMINOBIIPHENYL, [4-]	YES	NO

92-93-3	NITROBIIPHENYL, [4-]	YES	NO
94-75-7	DICHLOROPHENOXYACETIC ACID, [2,4-]	YES	NO
95-47-6	XYLENE, [ORTHO-]	YES	NO
95-48-7	CRESOL, [ORTHO-]	YES	NO
95-53-4	TOLUIDINE, [ORTHO-]	YES	NO

95-80-7	DIAMINOTOLUENE, [2,4-]	YES	NO
95-95-4	TRICHLOROPHENOL, [2,4,5-]	YES	NO
96-09-3	STYRENE OXIDE	YES	NO
96-12-8	DIBROMO-3-CHLOROPROPANE, [1,2-]	YES	NO
96-45-7	ETHYLENE THIOUREA	YES	NO

98-07-7	BENZOTRICHLORIDE	YES	NO
98-82-8	CUMENE	YES	NO
98-86-2	ACETOPHENONE	YES	NO
98-95-3	NITROBENZENE	YES	NO
100-02-7	NITROPHENOL, [4-]	YES	NO

100-41-4	ETHYLBENZENE	YES	NO
100-42-5	STYRENE	YES	NO
100-44-7	BENZYL CHLORIDE	YES	NO
101-14-4	METHYLENE BIS (2-CHLOROANILINE), [4,4-]	YES	NO

101-68-8	DIPHENYLMETHANE	YES	NO
	DIISOCYANATE, [4,4-]		
101-77-9	METHYLENEDIANILINE, [4,4-]	YES	NO
106-42-3	XYLENE, [PARA-]	YES	NO
106-44-5	CRESOL, [PARA-]	YES	NO
106-46-7	DICHLOROBENZENE, [1,4-]	YES	NO

106-50-3	PHENYLENEDIAMINE, [PARA-]	YES	NO
106-51-4	QUINONE	YES	NO
106-88-7	BUTYLENE OXIDE, [1,2-]	YES	NO
106-89-8	EPICHLOROHYDRIN	YES	NO
106-93-4	DIBROMOETHANE, [1,2-]	YES	NO

107-02-8	ACROLEIN	YES	NO
107-05-1	ALLYL CHLORIDE	YES	NO
107-06-2	DICHLOROETHANE, [1,2-]	YES	NO
107-13-1	ACRYLONITRILE	YES	NO
107-21-1	ETHYLENE GLYCOL	YES	NO

108-05-4	VINYL ACETATE	YES	NO
108-10-1	METHYL ISOBUTYL KETONE	YES	NO
108-31-6	MALEIC ANHYDRIDE	YES	NO
108-38-3	XYLENE, [META-]	YES	NO
108-39-4	CRESOL, [META-]	YES	NO

108-88-3	TOLUENE	YES	NO
108-90-7	CHLOROBENZENE	YES	NO
108-95-2	PHENOL	YES	NO
110-54-3	HEXANE, [N-]	YES	NO
111-42-2	DIETHANOLAMINE	YES	NO

111-44-4	BIS(CHLOROETHYL)ETHER	YES	NO
114-26-1	PROPOXUR [BAYGON]	YES	NO
117-81-7	DI(2-ETHYLHEXYL) PHTHALATE, (DEHP)	YES	NO
119-90-4	DIMETHOXYBENZIDINE, [3,3'-]	YES	NO
119-93-7	DIMETHYL BENZIDINE, [3,3'-]	YES	NO

120-80-9	CATECHOL	YES	NO
120-82-1	TRICHLOROBENZENE, [1,2,4-]	YES	NO
121-14-2	DINITROTOLUENE, [2,4-]	YES	NO
121-44-8	TRIETHYLAMINE	YES	NO
121-69-7	DIMETHYLANILINE, [N-N-]	YES	NO

122-66-7	DIPHENYLHYDRAZINE, [1,2-]	YES	NO
123-31-9	HYDROQUINONE	YES	NO
123-38-6	PROPIONALDEHYDE	YES	NO
123-91-1	DIOXANE, [1,4-]	YES	NO
126-99-8	CHLOROPRENE	YES	NO

127-18-4	TETRACHLOROETHYLENE	NO	NO
131-11-3	DIMETHYL PHTHALATE	YES	NO
132-64-9	DIBENZOFURAN	YES	NO
133-06-2	CAPTAN	YES	NO
133-90-4	CHLORAMBEN	YES	NO

140-88-5	ETHYL ACRYLATE	YES	NO
151-56-4	ETHYLENEIMINE [AZIRIDINE]	YES	NO
156-62-7	CALCIUM CYANAMIDE	YES	NO
302-01-2	HYDRAZINE	NO	NO
334-88-3	DIAZOMETHANE	YES	NO

463-58-1	CARBONYL SULFIDE	YES	NO
510-15-6	CHLOROBENZILATE	YES	NO
532-27-4	CHLOROACETOPHENONE, [2-]	YES	NO
534-52-1	DINITRO-O-CRESOL, [4,6-]	YES	NO
540-84-1	TRIMETHYLPENTANE, [2,2,4-]	YES	NO

542-75-6	DICHLOROPROPENE, [1,3-]	YES	NO
584-84-9	TOLUENE DIISOCYANATE, [2,4-]	YES	NO
593-60-2	VINYL BROMIDE	YES	NO
624-83-9	METHYL ISOCYANATE	YES	NO
680-31-9	HEXAMETHYLPHOSPHORAMIDE	YES	NO

684-93-5	NITROSO-N-METHYLUREA, [N-]	YES	NO
822-06-0	HEXAMETHYLENE-1,6-DIISOCYANATE	YES	NO
1120-71-4	PROPANE SULTONE, [1,3-]	YES	NO
1319-77-3	CRESOLS (MIXED ISOMERS)	YES	NO
1330-20-7	XYLENES (MIXED ISOMERS)	YES	NO

1634-04-4	METHYL TERT-BUTYL ETHER	YES	NO
7550-45-0	TITANIUM TETRACHLORIDE	NO	NO
7647-01-0	HYDROGEN CHLORIDE	NO	NO
7664-39-3	HYDROGEN FLUORIDE	NO	NO
7723-14-0	PHOSPHOROUS (YELLOW OR WHITE)	NO	NO

7782-50-5	CHLORINE	NO	NO
7803-51-2	PHOSPHINE	NO	NO

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.

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

2--On November 21, 2003 (68FR65648), the EPA proposed to remove the compound ethylene glycol monobutyl ether (EGBE) (2-Butoxyethanol) (Chemical Abstract Service (CAS) No. 111-76-2) from the list of hazardous air pollutants established by the Clean Air Act. On November 29, 2004 (69FR69320) this proposal was made final.

On January 12, 1999 (FR64:1780), EPA proposed to modify the definition of glycol ethers to exclude surfactant alcohol

ethoxylates and their derivatives (SAED). This proposal was based on EPA's finding that emissions, ambient concentrations, bioaccumulation, or deposition of SAED may not reasonably be anticipated to cause adverse human health or environmental effects. EPA also proposed to make conforming changes in the definition of glycol ethers with respect to the designation of hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

The proposal reads as follows:

"The definition of the glycol ethers category of hazardous air pollutants, as established by 42 U.S.C. 7412(b)(1) includes mono- and di-ethers of ethylene glycol, diethylene glycol, and triethylene glycol $R-(OCH_2CH_2)_n-OR'$ "

Where:

n= 1, 2, or 3

R= alkyl C7 or less, or phenyl or alkyl substituted phenyl

R'= H, or alkyl C7 or less, or carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate."

3 (Under Review)

4 (Under Review)

5A type of atom which spontaneously undergoes radioactive decay.

Effective December 19, 2005, EPA promulgated a final rulemaking in the Federal Register (70 FR 75047) to remove methyl ethyl ketone (MEK, CAS #78-93-3) from the list of hazardous air pollutants established by the Clean Air Act section 112(b)(1).