

APPENDIX II  
Hazardous Air Pollutants

<u>Chemical Name</u>	<u>CAS Number</u>
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	07-13-1
Allyl chloride	07-05-1
4-Aminobiphenyl	92-67-1
Aniline	62-53-3
o-Anisidine	90-04-0
Asbestos	332-21-4
Benzene	71-43-2
Benzidine	92-87-5
Benzotrichloride	98-07-7
Benzyl chloride	100-44-7
Biphenyl	92-52-4
Bis(2-ethylhexyl)phthalate	117-81-7
Bis(chloromethyl)ether	542-88-1
Bromoform	75-25-2
1,3-Butadiene	106-99-0
Calcium cyanamide	156-62-7
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 (mixed isomers)	1319-77-3
m-Cresol	108-39-4
o-Cresol	95-48-7
p-Cresol	106-44-5
Cumene	98-82-8

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<u>Chemical Name</u>	<u>CAS Number</u>
2,4-D	94-75-7
DDE	3547-04-4
Diazomethane	334-88-3
Dibenzofuran	132-64-9
1,2-Dibromo-3-chloropropane	96-12-8
Dibutyl phthalate	84-74-2
1,4-Dichlorobenzene	106-46-7
3,3'-Dichlorobenzidine	91-94-1
Dichloroethyl ether (Bis(2-chloroethyl) ether)	111-44-4
1,3-Dichloropropene (1,3-Dichloropropylene)	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
4-Dimethylaminoazobenzene	60-11-7
3,3-Dimethylbenzidine	119-93-7
Dimethylcarbonyl 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	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 (1,2-Butylene oxide)	106-88-7
Ethyl acrylate	140-88-5
Ethylbenzene	100-41-4
Ethyl carbamate (Urethane)	51-79-6
Ethyl chloride (Chloroethane)	75-00-3
Ethylene dibromide (1,2-Dibromoethane)	106-93-4
Ethylene dichloride (1,2-Dichloroethane)	107-06-2
Ethylene glycol	107-21-1
Ethyleneimine (Aziridine)	151-56-4
Ethylene oxide	75-21-8
Ethylene thiourea	96-45-7

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<u>Chemical Name</u>	<u>CAS Number</u>
Ethylidene dichloride (1,1-Dichloroethane)	75-34-3
Formaldehyde	50-00-0
Heptachlor	76-44-8
Hexachlorobenzene	118-74-1
Hexachloro-1,3-butadiene	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	7664-39-3
Hydroquinone	123-31-9
Isophorone	78-59-1
Lindane	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	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-Methylenebis(2-chloro)aniline	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-Nitrosodimethylamine	62-75-9
N-Nitrosomorpholine	59-89-2
N-Nitroso-N-methylurea	684-93-5

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<u>Chemical Name</u>	<u>CAS Number</u>
Parathion	56-38-2
Pentachloronitrobenzene (Quintozene)	82-68-8
Pentachlorophenol	87-86-5
Phenol	108-95-2
p-Phenylenediamine	106-50-3
Phosgene	75-44-5
Phosphine	7803-51-2
Phosphorous	7723-14-0
Phthalic anhydride	85-44-9
PCBs	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
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
Toluene-2,4-diisocyanate	584-84-9
o-Toluidene	95-53-4
Toxaphene	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

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<u>Chemical Name</u>	<u>CAS Number</u>
Vinylidene chloride (1,1-Dichloroethylene)	75-35-4
Xylene (mixed isomers)	1330-20-7
m-Xylene	108-38-3
o-Xylene	95-47-6
p-Xylene	106-42-3
Antimony compounds:	
Antimony	7440-36-0
Arsenic compounds (inorganic including arsine)	
Arsenic	7440-38-2
Arsine	
Beryllium Comounds	
Beryllium	7440-41-7
Cadmium Compounds	
Cadmium	7440-43-9
Chromium compounds	
Chromium	7440-47-3
Cobalt compounds	
Cobalt	7440-48-4
Coke oven emissions	
Cyanide compounds (XCN where X=H or any other group where a Formal dissociation may occur)	
Hydrogen cyanide	74-90-8
Glycol ethers (include mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH <sub>2</sub> CH <sub>2</sub> ) <sub>n</sub> -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: R-(OCH <sub>2</sub> CH) <sub>n</sub> -OH Polymers are excluded from the glycol category Ethylene glycol monobutyl ether is excluded from this category.	

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<u>Chemical Name</u>	<u>CAS Number</u>
Lead compounds Lead	7439-92-1
Manganese compounds Manganese	7439-96-5
Mercury compounds Mercury	7439-97-6
Mineral fibers	(includes glass microfibers, glass wool fibers, rock wool fibers and slag wool fibers, each characterized as "respirable" (fiber diameter <3.5 micrometers) and possessing an aspect ratio (fiber length divided by fiber diameter) > 3)
Nickel compounds Nickel	7440-02-0
POM	(includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100° C)
Radionuclides	(a type of atom which spontaneously undergoes radioactive decay)
Selenium compounds Selenium	7782-49-2

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EPA Rulemakings

CFR: 40 C.F.R. 52.1420(c)

FRM: 71 FR 38776 (07/10/2006)

PRM: 71 FR 38831 (07/10/2006)

State Submission: 10/20/2005

State Final: 05/07/2005

APDB File: NE-58; EPA-R07-OAR-2006-0476

Description: This revision revised the reference to glycol ethers to clearly state that ethylene glycol monobutyl ether is not included in the list of HAPs.

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CFR: 40 C.F.R. 52.1420(c)

FRM: 65 FR 3130 (1/20/2000)

PRM: 65 FR 3168 (1/20/2000)

State Submission: 2/5/99

State Final: 9/7/97

APDB File: NE-41

Description: This rule approves this list of HAPs which is identical to the Clean Air Act Title III list as part of the SIP.

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Difference Between the State and EPA-Approved Regulation

None.