

**APPENDIX O. TOXIC AIR CONTAMINANTS [NEW]**  
**Alphabetical by Substance name**

CAS Number	Rptd on 1999 EI	Pollutant Name	IARC/Repro. Haz Class	HAP	Category	MAAC ug/m3	MAAC ppm
79005	Yes	1,1,2-Trichloroethane		Yes	A	545	.1
72559		1,1-Dichloro-2,2-bis(p-chlorophenyl)ethylene		Yes	B	NE	NE
57147		1,1-Dimethylhydrazine	2B,R	Yes	A	1.5	.0006
67562394		1,2,3,4,6,7,8-Heptachlorodibenzofuran		Yes	A	NE	NE
35822469		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin		Yes	A	NE	NE
70648269		1,2,3,4,7,8-hexachlorodibenzofuran		Yes	A	NE	NE
39227286		1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		Yes	B	NE	NE
67517480		1,2,3,4,8-Pentachlorodibenzofuran		Yes	A	NE	NE
19408743		1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin		Yes	B	NE	NE
57117416		1,2,3,7,8-Pentachlorodibenzofuran		Yes	A	NE	NE
<u>120821</u>	<u>Yes</u>	<u>1,2,4-Trichlorobenzene</u>		<u>Yes</u>	<u>SC</u>	<u>4000</u>	<u>.5</u>
<u>95636</u>	<u>Yes</u>	<u>1,2,4-Trimethyl benzene</u>		<u>California</u>	<u>SC</u>	<u>12301</u>	<u>2.5</u>
96128		1,2-Dibromo-3-chloropropane	2B,R	Yes	A	NE	NE
122667		1,2-Diphenylhydrazine		Yes	A	NE	NE
106887		1,2-Epoxybutane	2B	Yes	B	NE	NE
106990	Yes	1,3-Butadiene	2A	Yes	A	44	.02
542756		1,3-Dichloropropene	2B	Yes	A	50	.01
1120714		1,3-Propane sultone	2B,R	Yes	A	NE	NE
106467		1,4-Dichlorobenzene (p)	2B,R	Yes	B	9000	1.5
123911		1,4-Dioxane	2B,R	Yes	A	3.6	.001
540841	Yes	2,2,4-Trimethylpentane		Yes	B	28000	6
58902		2,3,4,6-Tetrachlorophenol		California CIPh	A	NE	NE
57117314		2,3,4,7,8-Pentachlorodibenzofuran		Yes	A	NE	NE
51207319		2,3,7,8-Tetrachlorodibenzofuran		Yes	A	NE	NE
1746016		2,3,7,8-Tetrachlorodibenzo-p-dioxin	R	Yes	A	.000002	NE
95954		2,4,5-Trichlorophenol		Yes	A	NE	NE
88062		2,4,6-Trichlorophenol	R	Yes	A	NE	NE
94757		2,4-Dichlorophenoxy acetic acid		Yes	A	100	.01

51285		2,4-Dinitrophenol		Yes	A	NE	NE
121142		2,4-Dinitrotoluene	2B	Yes	A	15	.002
95807		2,4-Toluene diamine		Yes	A	NE	NE
128370		2,6-Di-tert-butyl-p-cresol		Yes Cresol	B	200	.022
53963		2-Acetylaminofluorene		Yes	A	NE	NE
532274		2-Chloroacetophenone		Yes	A	3.2	.0005
104767	Yes	2-ethyl-1-hexanol			B	37600	NE
93460776	Yes	2-Ethylhexyl acrylate			B	20	.003
<u>75650</u>	<u>Yes</u>	<u>2-Methyl-2-propanol (tert-butyl alcohol)</u>		<u>California</u>	<u>SC</u>	<u>30323</u>	<u>10</u>
79469		2-Nitropropane	2B,R	Yes	A	364	.1
90437		2-Phenylphenol		California	B	NE	NE
20324327		2-Propanol,1-(2-methoxy-1-methylethoxy)-			A	NE	NE
91941		3,3-Dichlorobenzidene		Yes	A	NE	NE
119904		3,3-Dimethoxybenzidine		Yes	A	NE	NE
119937		3,3-Dimethyl benzidine	2B,R	Yes	A	NE	NE
101144		4,4-Methylene bis (2-Chloroaniline)	2A,R	Yes	A	2.2	.0002
101779		4,4'-Methylenedianiline	2B,R	Yes	A	8	.001
534521		4,6-Dintro-o-cresol & salts		Yes Cresol	A	2	.00024
92671		4-Aminodiphenyl	1	Yes	A	NE	NE
92933		4-Nitrobiphenyl		Yes	A	NE	NE
100027		4-Nitrophenol		Yes	B	NE	NE
56564		7,12-Dimethylbenz(a)anthracene		Yes POM	A	NE	NE
83329		Acenaphthene		Yes POM	A	1	.0002
208968		Acenaphthylene		Yes POM	A	NE	NE
75070	Yes	Acetaldehyde	2B,R	Yes	B	3600	2
60355		Acetamide	2B	Yes	A	NE	NE
<u>75058</u>		<u>Acetonitrile</u>		<u>Yes</u>	<u>SC</u>	<u>3358</u>	<u>2</u>
<u>98862</u>	<u>Yes</u>	<u>Acetophenone</u>		<u>Yes</u>	<u>SC</u>	<u>4914</u>	<u>1</u>
107028	Yes	Acrolein		Yes	A	2	.001
79061		Acrylamide	2A,R	Yes	A	.3	.00013
79107		Acrylic acid		Yes	A	59	0.02
107131	Yes	Acrylonitrile	2B,R	Yes	A	21	.01

9003183		Acrylonitrile-butadiene polymer			A	NE	NE
107051		Allyl chloride		Yes	A	30	.01
<u>7664417</u>	<u>Yes</u>	<u>Ammonia (anhydrous)</u>		<u>Ca/La</u>	<u>SC</u>	<u>1742</u>	<u>2.5</u>
62533	Yes	Aniline		Yes	B	152	.04
1201217		Anthracene		Yes POM	A	1	.00014
84651	Yes	Anthraquinone			B	100	*
15432856		Antimonic acid, sodium salt		Yes	A	5	*
7440360	Yes	Antimony compounds		Yes Sb	B	10	.002
7783702		Antimony pentafluoride		Yes Sb	B	10	.001
1309644		Antimony trioxide	2B	Yes Sb	A	5	.0004
64742945	Yes	Aromatic Hydrocarbon Mixture >C9			B	7000	2
7440382	Yes	Arsenic compounds	1	Yes As	A	2	.0006
7784341		Arsenous trichloride	1	Yes As	A	2	.00026
7784421		Arsine	1	Yes As	A	2	.0005
51931465		Azo nickel complex	1,R	Yes Ni	A	NE	NE
15680429		Azomethine copper yellow		Ca/La Cu	A	NE	NE
7440393	Yes	Barium & cpds, as Ba		Ca/La Ba	B	10	.0017
10294403		Barium chromate (VI)	1	Yes Cr	A	.01	2E-06
7585413	Yes	Barium compound		Ca/La Ba	B	10	NE
13701592		Barium metaborate monohydrate		Ca/La Ba	B	10	.001
<u>12751325</u>		<u>Barium sulfate</u>		<u>Ca/La Ba</u>	<u>SC</u>	<u>500</u>	<u>.052</u>
<u>7727437</u>	<u>Yes</u>	<u>Barium sulfate</u>		<u>Ca/La Ba</u>	<u>SC</u>	<u>500</u>	<u>.052</u>
100527	Yes	Benzaldehyde			B	NE	NE
71432	Yes	Benzene	1	Yes	A	32	.01
92875		Benzidine	1	Yes	A	NE	NE
205992		Benzo (b) fluoranthene		Yes POM	A	NE	NE
207089		Benzo (k) fluoranthene		Yes POM	A	NE	NE
56553		Benzo(a)anthracene		Yes POM	A	NE	NE
50328	Yes	Benzo(a)pyrene		Yes POM	A	NE	NE
192972		Benzo(e)pyrene		Yes POM	A	NE	NE
191242		Benzo(g,h,i)pyrene		Yes POM	B	NE	NE
98077		Benzotrichloride	2A,R	Yes	A	NE	NE

100516	Yes	Benzyl alcohol			B	884	.2
100447	Yes	Benzyl chloride		Yes	B	103	.02
140294		Benzyl cyanide		Yes CN	B	NE	NE
7440417		Beryllium compounds	1,R	Yes Be	A	.02	.00005
57578		beta-Propiolactone	2B,R	Yes	A	15	.005
<u>92524</u>	<u>Yes</u>	<u>Biphenyl</u>		<u>Yes</u>	<u>SC</u>	<u>126</u>	<u>.02</u>
117817	Yes	Bis (2-ethylhexyl) phthalate (DEHP)	R	Yes	A	50	.003
524881		Bis (chloromethyl) ether		Yes	A	.047	1E10-5
7440428	Yes	Boron			B	NE	NE
10294334		Boron tribromide		California Br	A	100	.01
7726956		Bromine		California	B	13	.002
<u>75252</u>		<u>Bromoform</u>		<u>Yes</u>	<u>SC</u>	<u>517</u>	<u>.05</u>
<u>71363</u>	<u>Yes</u>	<u>Butyl alcohol (n-butanol)</u>		<u>Ca/La</u>	<u>SC</u>	<u>15161</u>	<u>5</u>
85687	Yes	Butyl benzyl phthalate			B	60	.004
7440439	Yes	Cadmium compounds		Yes Cd	A	.5	.0001
156627		Calcium cyanide		Yes	B	10	.003
105602	Yes	Caprolactam			B	20	.0044
133062		Captan		Yes	A	50	.004
63252		Carbaryl		Yes	A	50	.006
7440440	Yes	Carbon			B	40	.08
1333864	Yes	Carbon Black		California	A	35	*
75150	Yes	Carbon disulfide		Yes	B	62	.02
463581	Yes	Carbon oxysulfide (Carbonyl sulfide)		Yes	B	49	.02
56235	Yes	Carbon tetrachloride	2B,R	Yes	A	125	.02
120809	Yes	Catechol	2B,R	Yes	B	450	.1
<u>133904</u>		<u>Chloramben</u>		<u>Yes</u>	<u>SC</u>	<u>NE</u>	<u>NE</u>
57749		Chlordane	2B	Yes	A	5	.0002
		Chlorinated dibenzofurans (class of cpds)		Yes	A	NE	NE
7782505	Yes	Chlorine		Yes	A	15	.005
10049044		Chlorine dioxide		Ca/La	A	2.8	.001
79118		Chloroacetic acid		yes	A	NE	NE
<u>108907</u>	<u>Yes</u>	<u>Chlorobenzene</u>		<u>Yes</u>	<u>SC</u>	<u>34527</u>	<u>7.5</u>

<u>510156</u>		<u>Chlorobenzilate</u>		<u>Yes</u>	<u>SC</u>	<u>NE</u>	<u>NE</u>
67663	Yes	Chloroform	2B,R	Yes	A	97	.02
542881		Chloromethyl ether		Yes	A	.047	.00001
107302		Chloromethyl methyl ether	1	Yes	A	.033	.00001
26982036		Chlorophenol (mixed isomers)		California	B	NE	NE
126998		Chloroprene	2B,R	Yes	A	36	.01
68186903		Chrome antimony titanate	1?	Yes Cr Sb	A	5	NE
1344372	Yes	Chrome yellow (lead chromate pigment)	1	Yes Cr Pb	B	NE	NE
7758976		Chromic acid, Lead(2+)salt (1:1)	2B	Yes Cr	A	150	.011
<u>21679312</u>		<u>Chromium (III) acetylacetonate</u>		<u>Yes Cr</u>	<u>SC</u>	<u>50</u>	<u>.0035</u>
1308389		Chromium (III) oxide green		Yes Cr	A	5	.0008
68186970		Chromium cobalt iron black spinels	2B	Yes Cr Co	A	NE	NE
7738945	Yes	Chromium compounds, hexavalent	1	Yes Cr	A	.01	.000002
7440473	Yes	Chromium compounds, other than hexavalent, as Cr		Yes Cr	A	.25	.000117
68186974		Chromium copper black spinels		Yes Cr	A	NE	NE
71631157		Chromium iron nickel black spinels	1,R	Yes Cr Ni	A	NE	NE
1333820		CHROMIUM OXIDE		Yes Cr	A	0.5	0.00012
12018018		Chromium oxide		Yes Cr	A	.01	.000002
50922297		Chromium zinc oxide	1	Yes Cr	A	.01	8.7E-07
12705383		Chromium zinc oxide	1	Yes Cr	A	.01	8.7E-07
37224569		Chromium zinc oxide	1	Yes Cr	A	.01	8.7E-07
53809635		Chromium zinc oxide	1	Yes Cr	A	.01	8.7E-07
57790304		Chromium zinc oxide	1	Yes Cr	A	.01	8.7E-07
218019		Chrysene		Yes POM	A	1	.0001
8007452	Yes	Coal tar			A	1	NE
1307966		Cobalt (II) oxide	2B	Yes Co	B	1	.0003
10124433		Cobalt (II) sulfate (1:1)	2B	Yes Co	B	2	.00031
1345160		Cobalt aluminate blue spinel	2B	Yes Co	A	NE	NE
		Cobalt carboxylate	2B	Yes Co	A	NE	NE
7440484	Yes	Cobalt compounds	2B	Yes Co	A	.5	.0002
27253312		Cobalt neodecanoate	2B	Yes Co	A	.5	*
136527		Cobalt octate	2B	Yes Co	A	.2	.00001

21679469	Yes	Cobaltic acetylacetonate	2B	Yes Co	A	NE	NE
		Coke oven emissions	1	Yes	A	1	NE
<u>14763770</u>		<u>Copper (II) cyanide</u>		<u>Yes CN</u>	<u>SC</u>	<u>100</u>	<u>NE</u>
7758987		Copper (II) sulfate (1:1)		Ca/La Cu	B	20	.003
<u>544923</u>		<u>Copper cyanide</u>		<u>Yes CN</u>	<u>SC</u>	<u>100</u>	<u>NE</u>
<u>20427592</u>		<u>Copper hydroxide</u>		<u>Ca/La Cu</u>	<u>SC</u>	<u>100</u>	<u>.03</u>
1317380		COPPER OXIDE, (CUO)		Ca/La Cu	B	4	12E10-4
7758998		Copper sulfate,pentahydrate		Ca/La Cu	B	20	.002
7440508	Yes	Copper, as Cu (fume)		Ca/La Cu	B	4	.001
16040690		Copper,(2,4,16,23-tetrachloro-29H)		Ca/La Cu	B	4	NE
8001589		Creosote oil		California	A	1	NE
1319773	Yes	Cresols/cresylic acid		Yes Cresol	B	203	.046
<u>98828</u>	<u>Yes</u>	<u>Cumene</u>		<u>Yes</u>	<u>SC</u>	<u>24582</u>	<u>5</u>
80159		Cumene hydroperoxide		California	B	NE	NE
108918	Yes	Cyclohexylamine			B	820	.2
124185	Yes	Decane			B	NE	NE
334883		Diazomethane		Yes	A	4	.002
53703		Dibenz(a,h)anthracene		Yes POM	A	NE	NE
132649	Yes	Dibenzofuran		Yes	A	NE	NE
<u>84742</u>	<u>Yes</u>	<u>Dibutylphthalate</u>		<u>Yes</u>	<u>SC</u>	<u>500</u>	<u>.043</u>
3547044		Dichlorodiphenylethane (DDE)		Yes	A	10	NE
111444		Dichloroethyl ether		Yes	A	300	.05
120832		Dichlorophenol (2,4-)		California ClPh	A	NE	NE
62737		Dichlorvos	2B	Yes	A	10	.001
111422	Yes	Diethanolamine		Yes	B	300	.069
64675		Diethyl sulfate	2A,R	Yes	A	NE	NE
1586921		Diethylaluminum ethoxide		California Al	A	NE	NE
111966		Diethylene glycol dimethyl ether		Yes Gly	B	NE	NE
<u>111773</u>		<u>Diethylene glycol methyl ether</u>		<u>Yes Gly</u>	<u>SC</u>	<u>NE</u>	<u>NE</u>
<u>112345</u>	<u>Yes</u>	<u>Diethylene glycol monobutyl ether</u>		<u>Yes Gly</u>	<u>SC</u>	<u>200</u>	<u>NE</u>
<u>111900</u>		<u>Diethylene glycol monoethyl ether</u>		<u>Yes Gly</u>	<u>SC</u>	<u>274</u>	<u>.05</u>
6868264		Diethylene glycol monoethyl ether acrylate		Yes Gly	B	NE	NE

<u>112594</u>		<u>Diethylene glycol monohexyl ether</u>		<u>Yes Gly</u>	<u>SC</u>	<u>NE</u>	<u>NE</u>
<u>104687</u>		<u>Diethylene glycol monophenyl ether</u>		<u>Yes Gly</u>	<u>SC</u>	<u>NE</u>	<u>NE</u>
60117		Dimethyl aminoazobenzene	2B,R	Yes	A	NE	NE
79447		Dimethyl carbamoyl chloride	2A,R	Yes	A	NE	NE
68122		Dimethyl formamide		Yes	B	600	.2
<u>131113</u>	<u>Yes</u>	<u>Dimethyl phthalate</u>		<u>Yes</u>	<u>SC</u>	<u>500</u>	<u>.062</u>
77781		Dimethyl sulfate	2A,R	Yes	A	5	.001
57976		DIMETHYLBENZANTHRACENE,7,12-,(A)		Yes POM	A	NE	NE
106898		Epichlorohydrine	R	Yes	A	76	.02
140885		Ethyl acrylate	2B	Yes	A	200	.005
64175	Yes	Ethyl alcohol			B	38000	20
<u>100414</u>	<u>Yes</u>	<u>Ethyl benzene</u>	<u>2B</u>	<u>Yes</u>	<u>SC</u>	<u>43427</u>	<u>10</u>
51796		Ethyl carbamate (Urethane)	R	Yes	A	NE	NE
110805	Yes	Ethyl cellosolve		Yes Gly	B	36	.01
75003		Ethyl chloride		Yes	B	52800	20
106934		Ethylene dibromide	2A,R	Yes	A	3	.00045
107062	Yes	Ethylene dichloride (1,2-Dichloroethane)	2B,R	Yes	A	40	.01
<u>107211</u>	<u>Yes</u>	<u>Ethylene glycol</u>		<u>Yes</u>	<u>SC</u>	<u>12695</u>	<u>5</u>
<u>110714</u>		<u>Ethylene glycol dimethylether</u>		<u>Yes Gly</u>	<u>SC</u>	<u>NE</u>	<u>NE</u>
111762	Yes	Ethylene glycol monobutyl ether		Yes Gly	B	480	.1
<u>112072</u>	<u>Yes</u>	<u>Ethylene glycol monobutyl ether acetate</u>		<u>Yes Gly</u>	<u>SC</u>	<u>3280</u>	<u>.5</u>
<u>111159</u>	<u>Yes</u>	<u>Ethylene glycol monoethyl ether acetate</u>		<u>Yes Gly</u>	<u>SC</u>	<u>270</u>	<u>.05</u>
112254	Yes	Ethylene glycol monohexyl ether		Yes Gly	B	299	.5
109864	Yes	Ethylene glycol monomethyl ether		Yes Gly	B	6	.002
110496		Ethylene glycol monomethyl ether acetate		Yes Gly	B	10	.002
122996		Ethylene glycol monophenyl ether		Yes Gly	B	NE	NE
<u>2807309</u>		<u>Ethylene glycol monopropyl ether</u>		<u>Yes Gly</u>	<u>SC</u>	<u>8521</u>	<u>2</u>
75218	Yes	Ethylene oxide		Yes	A	1.8	.001
96457		Ethylene thiourea		Yes	A	NE	NE
107153	Yes	Ethylenediamine			B	500	.2
151564		Ethyleneimine	Yes	Yes	A	8	.005
<u>75343</u>	<u>Yes</u>	<u>Ethylidene dichloride (1,1-Dichloroethane)</u>		<u>Yes</u>	<u>SC</u>	<u>80948</u>	<u>20</u>

		FINE MINERAL FIBERS		Yes	A	NE	NE
206440		Fluoranthene		Yes POM	SC	NE	NE
86737		Fluorene		Yes POM	A	1	.00015
16984488	Yes	Fluorides, as F			B	50	.06
7782414		Fluorine			B	30	.02
50000	Yes	Formaldehyde (solution)	2A,R	Yes	A	12	.01
98000	Yes	Furfuryl alcohol			A	400	.099
76448		Heptachlor	2B	Yes	A	5	.00032
37871004		Heptachlorodibenzo-p-dioxin		Yes D/F	A	NE	NE
118741		Hexachlorobenzene	2B,R	Yes	A	.02	1.7E10-6
87683		Hexachlorobutadiene		Yes	A	2	.0002
34465468		Hexachlorodibenzo-p-dioxin		Yes D/F	A	NE	NE
67721		Hexachloroethane	2B,R	Yes	B	200	.02
77474		Hexachloropentadiene		yes	A	1	.000089
822060	Yes	Hexamethylene-1,6-diisocyanate		Yes	A	.344	.00005
680319		Hexamethylphosphoramide	2B,R	Yes	A	NE	NE
<u>110543</u>	<u>Yes</u>	<u>Hexane</u>		<u>Yes</u>	<u>SC</u>	<u>17628</u>	<u>5</u>
302012		Hydrazine	2B,R	Yes	A	.393	.0003
<u>7647010</u>	<u>Yes</u>	<u>Hydrochloric acid (conc 30% or greater)</u>		<u>Yes</u>	<u>SC</u>	<u>700</u>	<u>.5</u>
74908	Yes	Hydrocyanic acid		Yes	A	51	.047
10035106		Hydrogen bromide		California Br	B	200	.06
7664393	Yes	Hydrogen fluoride		Yes	B	50	.06
7783075		Hydrogen selenide		Yes	A	1.6	.0005
123319	Yes	Hydroquinone		Yes	B	40	.008
<u>78591</u>	<u>Yes</u>	<u>Isophorone</u>		<u>Yes</u>	<u>SC</u>	<u>2261</u>	<u>.4</u>
18454121		Lead Chromate basic	1	Yes Cr	A	.01	.0000044
58899		Lindane (all isomers)	R	Yes	A	5	.00042
		Linear saturated Polyester resin w/ antimony oxide	2B	Yes Sb	A	NE	NE
<u>13423615</u>		<u>Magnesium dichromate</u>	<u>1</u>	<u>Yes Cr</u>	<u>SC</u>	<u>.25</u>	<u>117E10-6</u>
108316		Maleic anhydride		Yes	B	20000	.005
<u>7439965</u>	<u>Yes</u>	<u>MANGANESE</u>		<u>Yes</u>	<u>SC</u>	<u>100</u>	<u>.044</u>
12079651		MANGANESE CYCLOPENTADIENYL TRICARBONYL		Yes Mn	A	1	12E10-5



1317357		MANGANESE TETROXIDE		Yes Mn	B	4	4.2E10-4
108394		m-Cresol		Yes Cresol	B	203	.046
90169		MDI		Yes MDI	A	NE	NE
26447405		MDI (Monomer)		Yes MDI	A	.51	5.0E-5
7439976	Yes	Mercury compounds	2B	Yes Hg	A	.5	.00006
79414	Yes	Methacrylic acid			B	1408	.4
<u>67561</u>	<u>yes</u>	<u>Methanol</u>		<u>Yes</u>	<u>SC</u>	<u>26216</u>	<u>20</u>
72435		Methoxychlor		Yes	B	200	.014
96333	Yes	Methyl acrylate			B	704	.2
74839	Yes	Methyl bromide		yes	A	194	.05
74873	Yes	Methyl chloride		Yes	A	1050	.5
<u>71556</u>	<u>Yes</u>	<u>Methyl chloroform (1,1,1-Trichloroethane)</u>		<u>Yes</u>	<u>SC</u>	<u>190961</u>	<u>35</u>
<u>78933</u>	<u>Yes</u>	<u>Methyl ethyl ketone (2-Butanone)</u>		<u>Yes</u>	<u>SC</u>	<u>59000</u>	<u>20</u>
60344	Yes	Methyl hydrazine		Yes	A	.8	.0004
74884		Methyl iodide (Iodomethane)		Yes	A	100	.02
<u>108101</u>	<u>Yes</u>	<u>Methyl isobutane ketone (Hexone)</u>		<u>Yes</u>	<u>SC</u>	<u>20486</u>	<u>5</u>
624839	Yes	Methyl isocyanate		Yes	A	.46	.0002
563804	Yes	Methyl isopropyl ketone			B	14100	4
80626	Yes	Methyl methacrylate		Yes	B	8200	2
298000		Methyl parathion			A	2	.000185
1634044	Yes	Methyl tert butyl ether		Yes	B	2880	.8
56495		METHYLCHOLANTHRENE,3-		Yes POM	A	NE	NE
75092	Yes	Methylene chloride (Dichloromethane)	2B,R	Yes	A	1736	.5
101688		Methylene diphenyl diisocyanate (MDI)		Yes MDI	A	.51	.00005
8012951	Yes	Mineral oil ; Thermia C			A	50	NE
64742467	Yes	Mineral seal oil			B	2000	NE
110928	Yes	Morpholine			B	1425	.4
<u>108383</u>		<u>m-Xylenes</u>		<u>Yes</u>	<u>SC</u>	<u>43427</u>	<u>10</u>
121697		N,N-Diethyl aniline (N,N-Dimethylaniline)		Yes	B	500	.1
793248	Yes	n-1,3-Dimethyl-butyl-n'-phenyl-paraphenylenediamine			A	NE	NE
91203	Yes	Naphthalene		Yes	B	1000	.2
68511626		Nickel azo complex	1,R	Yes Ni	A	.15	.000062

8007189		Nickel antimony titanate	2B,R	Yes Ni Sb	A	.15	62E10-6
13463393		Nickel carbonyl	1,R	Yes Ni	A	.06	.00001
7440020	Yes	Nickel compounds	1,R	Yes Ni	A	.15	.000062
1314063		Nickel oxide	1,R	Yes Ni	A	NE	NE
12607704		Nickel,(carbonato(2-)) tetrahydroxytri-	1,R	Yes Ni	B	NE	NE
7697372	Yes	Nitric acid		Ca/La	A	51	.02
98953		Nitrobenzene		Yes	B	100	.02
80306		Nitrosodiphenylamine		Ca/La Dialkylnitroso- amine	A	10	.0012
62759		N-Nitrosodimethylamine	R	Yes	A	NE	NE
59892		N-Nitrosomorpholine	2B,R	Yes	A	950	.2
684935		N-Nitroso-N-methylurea	R	Yes	A	NE	NE
90040		o-Anisidine		Yes	A	5	.001
95487		o-Cresol		Yes Cresol	B	203	.046
3268879		Octachlorodibenzodioxin		Yes D/F	A	NE	NE
39001020		Octachlorodibenzofuran		Yes D/F	A	NE	NE
95534		o-Toluidine	2A,R	Yes	A	.09	.02
<u>95476</u>		<u>o-Xylenes</u>		<u>Yes</u>	<u>SC</u>	<u>43427</u>	<u>10</u>
8002742	Yes	Paraffin waxes			B	40	*
56382		Parathion		Yes	A	.05	.00004
106445		p-Cresol		Yes Cresol	B	203	.046
82688		Pentachloronitrobenzene (Quintobenzene)		Yes	A	NE	NE
87865		Pentachlorophenol		Yes	A	5	.00045
6424777		Perylene		Yes POM	B	NE	NE
198550	Yes	Perylene			B	NE	NE
64741884	Yes	Petroleum distillates heavy paraffinic mineral oil			B	100	NE
85018		Phenanthrene		Yes POM	A	1	NE
108952	Yes	Phenol		Yes	B	384	.1
9003354	Yes	Phenol-formaldehyde polymer			A	NE	NE
62384		Phenyl mercuric acetate, as Hg	2B	Yes	A	.5	.000036
75445		Phosgene		Yes	A	4	.001
7803512		Phosphine		Yes	A	4	.003

<u>7664382</u>	<u>Yes</u>	<u>Phosphoric acid</u>		<u>Ca/La</u>	<u>SC</u>	<u>100</u>	<u>.024</u>
7723140		Phosphorus		Yes	A	1	.00019
85449	Yes	Phthalic anhydride		Yes	B	120	.02
26780961	Yes	Poly(1,2-Dihydro-2,2,4-trimethyl quinoline)			B	NE	NE
11097691		Polychlorinated biphenyls	2A,R	Yes PCB	A	.01	9E-07
53469219		Polychlorinated biphenyls	2A,R	Yes PCB	A	.01	9E-07
11104293		Polychlorinated biphenyls	2A,R	Yes PCB	A	.01	9E-07
1336363		Polychlorinated biphenyls (Aroclors)	2A,R	Yes PCB	A	.01	9E-07
		Polychlorinated dibenzo-p-furans		Yes D/F	A	NE	NE
	Yes	Polycyclic aromatic hydrocarbons			A	1	*
	Yes	POLYCYCLIC ORGANIC MATTER (POM)		Yes POM	A	NE	NE
1310583	Yes	Potassium hydroxide			B	40	.017
106503		p-Phenylenediamine		Yes	B	2	.000452
<u>123386</u>	<u>Yes</u>	<u>Propionaldehyde</u>		<u>Yes</u>	<u>SC</u>	<u>NE</u>	<u>NE</u>
79094	Yes	Propionic acid			B	606	.2
114261		Propoxur (Baygon)		Yes	B	10	.001
78875		Propylene dichloride (1,2-Dichloropropane0		Yes	B	6931	1.5
75569	Yes	Propylene oxide	2B,R	Yes	A	500	.2
75558		Propylenimine	R	Yes	A	50	.02
<u>106423</u>		<u>p-Xylenes</u>		<u>Yes</u>	<u>SC</u>	<u>43427</u>	<u>10</u>
129000		Pyrene		Yes POM	A	1	.0001
91225	Yes	Quinoline		Yes	B	NE	NE
106514		Quinone		Yes	B	8	.002
108463	Yes	Resorcinol			B	900	.199
<u>78922</u>	<u>Yes</u>	<u>Sec-Butyl alcohol</u>		<u>California</u>	<u>SC</u>	<u>30300</u>	<u>10</u>
<u>7782492</u>	<u>Yes</u>	<u>Selenium compounds</u>		<u>Yes Se</u>	<u>SC</u>	<u>20</u>	<u>.006</u>
630104		Selenourea		Yes Se	A	2	.00039
7775113		Sodium chromate	1	Yes Cr	A	.01	2E-06
14264314		Sodium copper cyanide		Yes CN	A	NE	NE
143339		Sodium cyanide		Yes CN	A	50	.024
<u>1310732</u>	<u>Yes</u>	<u>Sodium hydroxide</u>		<u>California</u>	<u>SC</u>	<u>200</u>	<u>.122</u>
		Sodium zinc cyanide		Yes CN	A	NE	NE

7789062		Strontium chromate	1	Yes Cr	A	.01	.000001
57249		Strychnine			A	1.5	.000109
100425	Yes	Styrene	2B	Yes	B	4260	1
96093		Styrene oxide		Yes	A	NE	NE
119540511		Sulfuric acid		Ca/La	A	10	.0025
127529015		Sulfuric acid		Ca/La	A	10	.0025
7664939	Yes	Sulfuric acid		Ca/La	A	10	.0025
127184	Yes	Tetrachloroethylene	2A,R	Yes	A	3350	.5
7440280	Yes	Thallium & cpds as Th			A	1	.000119
13463677	Yes	Titanium oxide			B	200	.06
7550450		Titanium tetrachloride		Yes	A	5	6E-04
<u>108883</u>	<u>Yes</u>	<u>Toluene</u>		<u>Yes</u>	<u>SC</u>	<u>37668</u>	<u>10</u>
584849	Yes	Toluene 2,4-diisocyanate	2B,R	Yes	A	.356	.00005
8001352		Toxaphene (chlorinated camphene)	2B,R	Yes	A	5	.00029
79016	Yes	Trichloroethylene	2A,R	Yes	A	1343	.25
102716	Yes	Triethanolamine			B	100	.02
121448	Yes	Triethylamine		Yes	B	800	.2
1582098		Trifluralin		Yes	B	NE	NE
7440622	Yes	Vanadium & cpds, as V			A	.5	.000239
1314621		Vanadium pentoxide			A	.5	6E-5
<u>108054</u>	<u>Yes</u>	<u>Vinyl acetate monomer</u>	<u>2B</u>	<u>Yes</u>	<u>SC</u>	<u>1500</u>	<u>.4</u>
593602		Vinyl bromide	2A	Yes	A	200	.05
75014	Yes	Vinyl chloride		Yes	A	127	.05
75354		Vinylidene chloride		Yes	A	198	.05
<u>1330207</u>	<u>Yes</u>	<u>Xylenes (isomers &amp; mixtures)</u>		<u>Yes</u>	<u>SC</u>	<u>43427</u>	<u>10</u>
12006405		Zinc arsenide	1	Yes As	A	2	NE
7646857		Zinc chloride		Ca/La Zn	B	20	.003
1308130		Zinc chromate	1	Yes Cr	A	.01	.000001
13530659		Zinc chromate	1	Yes Cr	A	.01	.000001
557211		Zinc cyanide		Yes CN	A	50	NE
68457794		Zinc dialkyldithiophosphate		Ca/La Zn	A	NE	NE
1314847		ZINC PHOSPHIDE		Ca/La Zn	B	2	1.90E-04

39342499		Zinc phosphide		Ca/La Zn	B	2	1.90E-04
11103869		Zinc potassium chromate	1	Yes Cr	A	.1	.000006
13463417		ZINC PYRITHIONE		Ca/La Zn	A	10	7.7E10-4
557051		Zinc stearate		Ca/La Zn	B	500	.02

Rptd on 1999 EI = Substance included in Oklahoma 1999 Point Source Inventory

Category SC = “Substance of Concern”

NE = not evaluated

Ca/La = California proposes to regulate substance as an air toxic, and Louisiana currently regulates substance as an air toxic.

California = California proposes to regulate substance as an air toxic.

#### IARC/Hazard Classification

- 1 = Carcinogenic to humans (Known human carcinogen)
- 2A = Probably carcinogenic to humans (Suspect human carcinogen)
- 2B = Possibly carcinogenic to humans (Suspect human carcinogen)
- R = Known or suspected human reproductive toxin