Compound Summary Table

SUBSTANCE (Note 1)	TAC	Major Source (Stationary) In CA	California Emissions (lbs/year) (Note 2)	Ambient Conc. (Note 3)	Indoor Conc.	Atmospheric Persistence (1/2 Life)	IARC/EPA Class. (Note 4)	California Unit Risk 1/(ug/m3) (Note 5)	Acute REL (ug/m3) (Note 6)	Chronic REL (ug/m3) (Note 7)
Acetaldehyde	Yes	paper mills/oil	1.9E+05	**2.39 ug/m3**	see text	15 H	2B / B2	2.7E-06	----	9.0E+00
Acetamide	Yes	educ.serv./hosp.	7.0	---	---	<1 D	2B / ---	2.0E-05	----	----
Acetonitrile	Yes	chem.mfg/engr.	810	0.05 ug/m3	---	1.5 Y	--- / ---	----	----	----
Acetophenone	Yes	metal ind	1.8E+04~	0.15 ug/m3	---	3.7 D	--- / D	----	----	----
2-Acetylaminofluorene	Yes	---	---	---	---	---	--- / B2	1.3E-03	----	----
Acrolein	Yes	paper/stone/wd	4.0E+04	14.3 ug/m3	7.1 ug/m3	12 H	3 / C	----	2.5E+00	2.0E-02
Acrylamide	Yes	educ./elect/chem.	350	---	---	---	2A / B2	1.3E-03	----	7.0E-01
Acrylic acid	Yes	aero/electronic	4	---	---	1.5D	3 / ---	----	----	----
Acrylonitrile	Yes	syn./paint/furn.	2700	0.66 ug/m3	9.1 ug/m3	2.4 D	2A / B1	2.9E-04	----	2.0E+00
Allyl chloride	Yes	auto repr./educ.	270	see text	see text	14 H	3 / C	6.0E-06	----	----
Aluminum and compounds	No	stone/min/metal	4000	**1.4 ug/m3**	see text	3.5 - 10 D	1 / ---	----	----	----
4-Aminobiphenyl	Yes	---	---	---	---	3 H	1 / ---	6.0E-03	----	----
Ammonia	No	elec./air/petro	2.0E+07	---	see text	2 MO	--- / ---	----	2.1E+03	1.0E+02
Ammonium nitrate	No	concrete/stone	1000	---	see text	3.5 - 10 D	--- / ---	----	----	----
Ammonium sulfate	No	---	---	---	see text	3.5 - 10 D	--- / ---	----	----	----
Aniline	Yes	natl. sec.	4	1.3 ug/m3	---	2 H	3 / B2	1.6E-06	----	----
o-Anisidine	Yes	educ. serv.	20	---	---	3 H	2B / ---	4.0E-05	----	----
Antimony compounds**	Yes	plastics/petro.	90	**2.8 ng/m3**	see text	3.5 - 10 D	see text	----	----	----
Arsenic and compounds**	Yes	mining/elect.	1.3E+04	**1.5 ng/m3**	see text	see text	1 / ---	3.3E-03	see text	see text
Asbestos* (Note 8)	Yes	mining/stone	4700	see text	see text	3.5 - 10 D	1 / A	see text	----	----
Barium compounds**	No	elect./furn.mfg	2.2E+04	**31.4 ng/m3**	---	3.5 - 10 D	--- / ---	----	----	----
Benzene*	Yes	oil & gas/elec.	8.7E+05	**2.26 ug/m3**	see text	8 D	1 / A	2.9E-05	----	7.1E+01
Benzidine	Yes	---	---	see text	---	1.5 H	1 / A	1.4E-01	----	1.0E+01
Benzo[a]pyrene (Note 9)	Yes	petro/constr.	304	**0.194 ng/m3**	see text	5-15 D	2A / B2	1.1E-03	----	----
Benzotrichloride	Yes	---	---	---	---	---	--- / B2	----	----	----
Benzoyl chloride	No	---	---	---	---	---	3 / ---	----	----	----
Benzyl chloride	Yes	sanit/chem.mfg.	480	---	see text	3.5 D	--- / B2	4.9E-05	5.0E+01	1.2E+01
Beryllium compounds**	Yes	auto/elec/clay	2400	**0.019 ng/m3**	---	3.5 - 10 D	1 / B2	see text	----	4.8E-03
Biphenyl	Yes	pipeline/elec.	10	see text	---	1.4 D	--- / D	----	----	----
Bis(2-ethylhexyl) adipate	No	metal ind.mfg.	1200	---	---	---	3 / C	----	----	----
Bis(2-ethylhexyl)phthalate (DEHP)	Yes	furniture/wood	1.0E+05	see text	see text	3.5 - 10 D	2B / B2	2.4E-06	----	7.0E+01
Bis(chloromethyl)ether	Yes	legal services	1	---	---	1.7 D	1 / A	1.3E-02	----	----

Compound Summary Table

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Bromine compounds (inorganic)**	No	elect/nat.sec.	3.1E+04	**8.4 ng/m3**	see text	3.5 - 10 D	see text	see text	----	see text
Bromoform (Note 8)	Yes	---	---	2.3 ug/m3	---	120 D	3 / B2	----	----	----
1,3-Butadiene*	Yes	petro/synth/oil	2.2E+04	**0.47 ug/m3**	see text	1 - 9 H	2A / B2	1.7E-04	----	----
Butyl acrylate	No	chemicals	2000~	---	---	0.9 D	3 / ---	----	----	----
n-Butyl alcohol	No	glass/auto repr	1.5E+04	---	---	1.2 D	--- / D	----	----	----
sec-Butyl alcohol	No	fix./metal mfg	1.5E+04	---	---	1 D	--- / ---	----	----	----
tert-Butyl alcohol	No	furn./plastics	2.7E+04	---	---	9 D	--- / ---	----	----	----
Butyl benzyl phthalate	No	paper/furn.mfg.	3300	---	56 ng/m3	---	3 / C	----	----	----
Cadmium and compounds*	Yes	elec/mine/clay	3900	0.411 ng/m3	see text	3.5 - 10 D	1/B1	4.2E-03	----	3.5E+00
Calcium cyanamide	Yes	---	---	---	---	3.5 - 10 D	--- / ---	----	----	----
Caprolactam	Yes	---	---	---	---	---	4 / E	----	----	----
Captan	Yes	---	---	see text	see text	---	3 / B2	6.6E-07	----	----
Carbaryl	Yes	---	---	---	see text	3.5 - 10 D	3 / D	----	----	----
Carbon black extracts	No	nat.sec./rubber	9300	---	---	3.5 D	2B / ---	see text	----	----
Carbon disulfide	Yes	sanit/gas/water	110	0.3 ug/m3	---	8 D	--- / D	----	----	----
Carbon tetrachloride*	Yes	chemicals/petro	1.5E+04	**0.49 ug/m3**	0.64 ug/m3	see text	2B / B2	4.2E-05	1.9E+02	2.4E+00
Carbonyl sulfide	Yes	gas prod.&dist.	35	1.2 ug/m3	---	see text	--- / ---	----	----	----
Catechol	Yes	chemicals	34~	---	---	0.3 D	3 / ---	----	----	----
Chloramben	Yes	---	---	---	---	---	--- / ---	----	----	----
Chlordane	Yes	---	---	1 - 38 ng/m3	see text	2 - 7 D	2B / B2	3.4E-04	----	----
Chlorinated dioxins* (Note 8g)	Yes	sanit/mfgmed.eq	4	see text	---	see text	see text	3.8E+01	----	3.5E-06
Chlorinated dibenzofurans* (Note 8g)	Yes	plast/sanit/mills	61	see text	---	see text	see text	----	----	3.5E-06
Chlorinated fluorocarbons	No	med.eq./elec.	see text	---	---	see text	see text	----	----	7.0E+02
Chlorine	Yes	real est/edu/oil	3.7E+05	**1.6 ug/m3**	---	10 MIN	--- / ---	----	2.3E+01	7.1E+00
Chlorine dioxide	No	pres.fruit/veg.	1100	---	---	< 10 SEC	--- / ---	----	----	----
Chloroacetic acid	Yes	chemicals	1500~	---	---	---	--- / D	----	----	----
2-Chloroacetophenone	Yes	---	---	---	---	---	--- / ---	----	----	----
Chlorobenzene	Yes	petro/synth.	1.2E+04	**0.27 ug/m3**	0.31 ug/m3	13 D	--- / D	----	----	7.0E+01
Chlorobenzilate	Yes	electrical serv.	4000	---	---	7 D	3 / B2	----	----	----
Chloroform*	Yes	pulp/sanit/papr	1.3E+05	**0.176 ug/m3**	see text	3.2 MO	2B / B2	5.3E-06	----	3.5E+01
Chloromethyl methyl ether	Yes	---	---	---	---	see text	1 / A	6.9E-04	----	----
Chlorophenols (Note 8g)	No	hosp/wood/elec.	260	see text	---	see text	see text	see text	----	see text

Compound Summary Table

SUBSTANCE (Note 1)	TAC	Major Source (Stationary) In CA	California Emissions (lbs/year) (Note 2)	Ambient Conc. (Note 3)	Indoor Conc.	Atmospheric Persistence (1/2 Life)	IARC/EPA Class. (Note 4)	California Unit Risk 1/(ug/m3) (Note 5)	Acute REL (ug/m3) (Note 6)	Chronic REL (ug/m3) (Note 7)
Chloroprene	Yes	syn/aero/nat.sec	290	0.29 ug/m3	---	---	3 / D	---	----	1.0E+00
Chromium compounds**	Yes	wood/stone/oil	9000	**3.9 ng/m3**	see text	see text	see text	----	----	----
Chromium VI*	Yes	elec/aero/steam	6400	**0.13 ng/m3**	---	---	1 / A	1.5E-01	----	2.0E-03
Cobalt compounds**	Yes	auto/stone/rep.	84	**8.0 ng/m3**	see text	3.5 - 10 D	2B / ---	----	----	----
Coke oven emissions	Yes	coke ovens	---	---	---	see text	1 / A	6.2E-04	----	----
Copper compounds**	No	ship bldg/elec.	8.2E+04	**34.9 ng/m3**	see text	3.5 - 10 D	3 / D	----	1.0E+01	2.4E+00
Creosotes	No	wood/oil&gas	6.0E+04	---	---	---	2A / B1	see text	----	----
Cresols/Cresylic acid (isomers/mixtures)(Note 8g)	Yes	petro/wood/air	1.2E+04	see text	see text	4 - 6 H	--- / C	----	----	1.8E+02
Crystalline silica	No	sand/natsec/glas	3.7E+06	---	---	3.5 - 10 D	see text	----	----	----
Cumene	Yes	fdry/ship bldg	1600	see text	---	1.5 D	--- / ---	----	----	----
Cumene hydroperoxide	No	fdry/aerosp.	880	---	---	0.7 D	--- / ---	----	----	----
Cyanide compounds	Yes	mach/mine/aero	1.1E+06	---	---	see text	--- / ---	----	see text	see text
Cyclohexane	No	petro/auto rep.	7700	---	see text	1.3 D	--- / ---	----	----	----
2,4-D, salts and esters	Yes	funeral svcs.	670	---	see text	< 1D	2B / D	----	----	----
DDE	Yes	---	---	0.3 - 4.5 ng/m3	---	2 D	2B / B2	9.7E-05	----	----
Decabromodiphenyl oxide	No	Inst/rubbr/plstc	400~	---	---	3.5 - 10 D	3 / D	----	----	----
Dialkylnitrosamines (Note 8g)	No	aerospace	1	2.4 ug/m3	see text	see text	see text	see text	----	----
Diaminotoluene (mixed isomers)	No	see text	see text	---	---	see text	see text	see text	----	----
Diazomethane	Yes	---	---	---	---	---	3 / ---	----	----	----
Dibenzofuran	Yes	misc.wood/ordn	26	---	---	2.5 D	--- / D	----	----	----
1,2-Dibromo-3-chloropropane (DBCP)	Yes	---	---	0.01 ug/m3	---	23 D	2B / B2	2.0E-03	----	2.0E-01
Dibutylphthalate	Yes	wood/plast/mfg	2400	1.4 ug/m3	620 ng/m3	1.1 D	--- / D	----	----	----
1,4-Dichlorobenzene (p-Dichlorobenzene)	Yes	engr/petro/sanit	2.8E+04	**0.72 ug/m3**	see text	31 D	2B / C	1.1E-05	----	7.0E+02
3,3'-Dichlorobenzidene	Yes	printing & publ.	< 1.0	---	---	3.5 - 10 D	2B / B2	3.4E-04	----	----
Dichloroethyl ether (Bis(2-chloroethyl)ether)	Yes	---	---	---	---	1.5 D	3 / B2	7.1E-04	----	----
1,3-Dichloropropene (Telone)	Yes	chemicals	1000~	see text	---	see text	2B / B2	1.6E-05	----	----
Dichlorvos (DDVP)	Yes	---	---	3.2 ng/m3	1.5-135ng/m3	1 D	2B / B2	8.3E-05	----	----
Dicofol	No	---	---	see text	11 ng/m3	3.5 - 10 D	3 / ---	----	----	----
Diesel Exhaust	No	hvy const/elect.	see text	see text	see text	5 - 15 D	2A / ---	----	----	----
Diethanolamine	Yes	print/pub/funerl	1900	---	---	3 H	--- / ---	----	----	----
Diethyl sulfate	Yes	---	---	---	---	5.5 H	2A / ---	----	----	----
3,3'-Dimethyoxybenzidine	Yes	---	---	---	---	2 H	2B / B2	----	----	----

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Dimethyl aminoazobenzene	Yes	---	---	---	---	3.5 D	2B / B2	1.3E-03	----	----
N,N-Dimethylaniline	Yes	---	---	---	---	1.6 H	3 / ---	----	----	----
3,3'-Dimethyl benzidine	Yes	---	---	---	---	1.3 H	2B / B2	----	----	----
Dimethyl carbamoyl chloride	Yes	---	---	---	---	---	2A / B2	3.7E-03	----	----
Dimethyl formamide	Yes	misc.mfg/elect.	1.8E+04	9.8 ug/m3	---	---	2B / ---	----	----	----
1,1-Dimethyl hydrazine	Yes	aerospace	910	---	---	see text	2B / B2	4.9E-04	----	----
Dimethyl phthalate	Yes	misc.plastic mfg	1800	---	---	15 - 20 D	--- / D	----	----	----
Dimethyl sulfate	Yes	research/test	2	7.4 ug/m3	---	see text	2A / B2	4.0E-03	----	----
4,6-Dinitro-o-cresol, and salts	Yes	---	---	---	---	---	--- / ---	----	----	----
2,4-Dinitrophenol	Yes	---	---	---	---	see text	--- / ---	----	----	----
2,4-Dinitrotoluene	Yes	---	---	---	---	---	2B / B2	8.9E-05	----	----
1,4-Dioxane (1,4-Diethyleneoxide)	Yes	coating/air/sanit	2.1E+05	0.44 ug/m3	see text	0.9 D	2B / B2	7.7E-06	2.0E+03	4.0E+02
1,2-Diphenylhydrazine	Yes	---	---	---	---	---	--- / B2	----	----	----
Environmental Tobacco Smoke (Tobacco Smoke)	No	smoking	see text	see text	see text	---	1 / A	2.8E-05	----	----
Epichlorohydrin (1-Chloro-2,3-epoxypropane)	Yes	cemnt/ship/auto	8600	---	see text	20 D	2A / B2	2.3E-05	----	3.0E-01
1,2-Epoxybutane	Yes	metal/plastic	6100	---	---	5 D	3 / ---	----	----	----
Ethyl acrylate	Yes	plastic/aircrft	400	see text	see text	10 H	2B / ---	----	----	4.8E+01
Ethyl benzene	Yes	aircrft/petro.	1.4E+05	**1.61 ug/m3**	see text	1.4 D	--- / D	----	----	----
Ethyl carbamate (Urethane)	Yes	hardwre/paint	2000	---	---	see text	2B / B2	2.9E-04	----	----
Ethyl chloride (Chloroethane)	Yes	synth/chem.	2.9E+05	55.7 ug/m3	---	25 D	3 / ---	----	----	1.0E+04
Ethylene dibromide* (Dibromoethane)	Yes	aero/cemnt/oil	8200	**0.04 ug/m3**	see text	40 D	2A / B2	7.1E-05	----	4.6E+00
Ethylene dichloride* (1,2-Dichloroethane)	Yes	chem/aero/med	2.6E+04	**0.4 ug/m3**	see text	45 D	2B / B2	2.2E-05	----	9.5E+01
Ethylene glycol (Note 8)	Yes	com.print/wood	3.7E+04	---	---	1.3 D	--- / D	----	----	----
Ethylene imine (Aziridine)	Yes	---	---	---	---	1.6 D	3 / B2	1.9E-02	----	----
Ethylene oxide*	Yes	hosp/med/food	1.2E+05	see text	see text	4 M	1 / B1	8.8E-05	----	6.0E+02
Ethylene thiourea	Yes	elect/auto.mfg	410	---	---	3.5 - 10 D	2B / B2	1.3E-05	----	----
Ethylidene dichloride (1,1-Dichloroethane)	Yes	sanit/util.svc.	30	0.17 ug/m3	---	35 D	--- / C	1.6E-06	----	----
Fine Mineral Fibers	Yes	---	see text	---	---	5 - 15 D	2B / ---	----	----	----
Formaldehyde*	Yes	petro/stone/gas	1.8E+06	**4.15 ug/m3**	see text	see text	2A / B1	6.0E-06	3.7E+02	3.6E+00
Gasoline vapors (Note 7)	No	petro/pipelines	6.1E+06	see text	see text	see text	see text	see text	----	2.1E+03
Glutaraldehyde	No	petro/bev/natsec	2.2E+04	---	---	10 H	--- / ---	----	----	1.7E+00
Glycol ethers	Yes	see text	4.2E+06	---	see text	see text	--- / ---	----	see text	see text

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Heptachlor	Yes	---	---	7 ng/m3	see text	5 H	2B / B2	1.6E-03	----	----
Hexachlorobenzene	Yes	aerospace/sanit	0.35	0.21 ng/m3	see text	1.4 Y	2B / B2	5.1E-04	----	2.8E+00
Hexachlorobutadiene	Yes	---	---	---	---	see text	3 / C	----	----	----
Hexachlorocyclohexanes	Yes	furn./auto rep.	890	0.23 ng/m3	see text	17 D	see text	1.1E-03	----	see text
Hexachlorocyclopentadiene	Yes	---	---	---	---	---	--- / D	----	----	2.4E-01
Hexachloroethane	Yes	chemicals	5~	0.01 ug/m3	---	35 Y	3 / C	1.1E-05	----	----
Hexamethylene-1,6-diisocyanate	Yes	auto/aircraft	300	---	---	<= 2D	--- / ---	----	----	----
Hexamethylphosphoramide	Yes	---	---	---	---	---	2B / ---	----	----	----
Hexane	Yes	footwr./food	6.2E+04	12.6 ug/m3	see text	1.8 D	--- / D	----	----	----
Hydrazine	Yes	metal/aerospace	1800	---	---	9 H	2B / B2	4.9E-03	----	2.4E-01
Hydrochloric acid	Yes	elect./aerospace	2.8E+06	---	---	see text	3 / ---	----	3.0E+03	7.0E+00
Hydrogen fluoride (Hydrofluoric acid)	Yes	aircrft./chem	7.0E+04	3.4 ug/m3	---	see text	--- / ---	----	5.8E+02	5.9E+00
Hydrogen sulfide	No	elec/petro/air	5.6E+06	---	---	2.1 D	--- / ---	----	4.2E+01	4.2E+01
Hydroquinone	Yes	elec/publ/aero	720	---	---	---	3 / ---	----	----	----
Inorganic Arsenic* **	Yes	mining/elec/air	see text	1.05 ng/m3	see text	see text	1 / A	3.3E-03	see text	see text
Inorganic lead* **	Yes	pottery/chem.	see text	see text	see text	3.5 - 10 D	see text	see text	----	see text
Isophorone	Yes	coating/pub.ord	1300	---	---	3.1 H	--- / C	----	----	----
Isopropyl alcohol	No	leather/food	3.1E+05	---	---	1.9 D	3 / ---	----	----	----
4,4'-Isopropylidenediphenol	No	elec./aero	35	---	---	see text	--- / ---	----	----	----
Lead compounds**	Yes	elec/chem/sanit	see text	**13.2 ng/m3**	see text	3.5 - 10 D	see text	see text	----	----
Lindane (all isomers) (Note 8)	Yes	---	see text	0.23 ng/m3	see text	17 D	2B / B2-C	3.1E-04	----	1.0E+00
Maleic anhydride	Yes	mfgplastic/soap	4900	---	---	7 D	--- / ---	----	1.0E+01	2.4E+00
Manganese compounds**	Yes	ship bldg/petro	1.3E+05	**21.2 ng/m3**	see text	3.5 - 10 D	--- / D	----	----	4.0E-01
Mercury compounds**	Yes	see text	9900	**1.6 ng/m3**	see text	3.5 - 10 D	see text	----	see text	see text
Methanol	Yes	pulpmills/chem	3.9E+06	23.1 ug/m3	---	11 D	--- / ---	----	----	6.2E+02
Methoxychlor	Yes	---	---	0.1 ng/m3	see text	3.5 - 10 D	3 / D	----	----	----
Methyl bromide (Bromomethane)	Yes	groc/ag.chem	1.0E+05	see text	---	0.9 Y	3 / D	----	----	6.0E+00
Methyl chloride (Chloromethane)	Yes	comm/com.print	2200	1.55 ug/m3	---	220 D	3 / C	----	----	----
Methyl chloroform (1,1,1-Trichloroethane)	Yes	mfg.aircrft/plstc	2.7E+07	**1.59 ug/m3**	see text	3.7 Y	3 / D	----	1.9E+05	3.2E+02
Methyl ethyl ketone (2-Butanone)	Yes	furn./footwear	2.9E+05	**0.32 ug/m3**	---	9 D	--- / D	----	----	----
Methyl hydrazine	Yes	---	---	---	---	see text	--- / B2	----	----	----
Methyl iodide ((Iodomethane)	Yes	---	---	0.12 ug/m3	---	140 D	3 / C	----	----	----
Methyl isobutyl ketone (Hexone)	Yes	furn/elec.equip.	1.0E+05	---	---	0.7 D	--- / D	----	----	----

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Methyl isocyanate	Yes	---	---	see text	---	---	--- / D	----	----	3.6E-01
Methyl methacrylate	Yes	aircraft/plastic	5.4E+04	---	---	9 H	3 / ---	----	----	9.8E+02
Methyl tert-butyl ether (MTBE)	Yes	petro/pipelines	2.8E+04	see text	see text	3.5 D	see text	----	----	----
4,4'-Methylene bis(2-chloroaniline) (MOCA)	Yes	elect/chem.	80	---	---	see text	2A / B2	4.3E-04	----	----
Methylene chloride* (Dichloromethane)	Yes	plastic/aircraft	6.8E+06	**2.26 ug/m3**	see text	0.6 Y	2B / B2	1.0E-06	3.5E+03	3.0E+03
Methylene diphenyl diisocyanate	Yes	metal/furniture	1.8E+04	---	---	3.5 - 10 D	3 / ---	----	----	----
4,4'-Methylenedianiline	Yes	aircraft/elec.	1400	---	---	0.3 D	2B / ---	4.6E-04	----	1.9E+00
Molybdenum trioxide	No	chem/petro/metl	440~	---	---	3.5 - 10 D	--- / ---	----	----	----
Naphthalene	Yes	paper/wood/elec	3.6E+05	see text	---	11 H	--- / D	----	----	1.4E+01
Nickel and compounds*	Yes	oil/gas/elec.	1.3E+05	**3.6 ng/m3**	see text	3.5 - 10 D	see text	2.6E-04	1.0E+00	2.4E-01
Nitric acid	No	coatg/food prod.	2700	---	see text	1.5 - 2 D	--- / ---	----	----	----
Nitrilotriacetic acid	No	---	---	---	---	see text	2B / ---	1.5E-06	----	----
Nitrobenzene	Yes	educ./electronic	380	0.61 ug/m3	see text	2 MO	2B / D	----	----	1.7E+00
4-Nitrobiphenyl	Yes	---	---	0.5 - 6 ng/m3	---	3 D	3 / ---	----	----	----
4-Nitrophenol	Yes	---	---	24 ng/m3	---	see text	--- / ---	----	----	----
2-Nitropropane	Yes	air trans/chem.	2600	---	---	40 D	2B / B2	see text	----	2.0E+01
N-Nitroso-n-methylurea	Yes	---	---	---	---	---	2A / B2	3.4E-02	----	----
N-Nitrosodimethylamine (Note 8)	Yes	aerospace mfg.	0.01	2.4 ug/m3	see text	3 MIN	2A / B2	4.6E-03	----	----
N-Nitrosomorpholine	Yes	---	---	---	see text	<1 D	2B / ---	1.9E-03	----	----
Parathion	Yes	---	---	see text	---	see text	3 / C	----	----	----
Pentachloronitrobenzene (Quintobenzene)	Yes	chemicals	420~	---	---	see text	3 / C	----	----	----
Pentachlorophenol	Yes	lumber/wood	10~	0.9 ng/m3	< 5 ng/m3	3.5 - 10 D	2B / B2	5.1E-06	----	----
Peracetic acid	No	---	---	---	---	see text	--- / ---	----	----	----
Phenol	Yes	mineral/petro	5.1E+05	0.03 ug/m3	see text	9H	3 / D	----	----	4.5E+01
p-Phenylenediamine	Yes	aerospace	4	---	---	see text	3 / ---	----	----	----
2-Phenylphenol	No	chemicals	10~	---	22.8-96ng/m3	10 H	3 / ---	----	----	----
Phosgene	Yes	aircraft & parts	1	see text	---	see text	--- / D	----	1.2E+01	----
Phosphine	Yes	foodpres/storage	3000	**38.6 ng/m3**	---	0.7 D	--- / D	----	----	1.0E+01
Phosphoric acid	No	pub.ord./instr.	5.3E+04	---	---	3.5 - 10 D	--- / ---	----	----	----
Phosphorus	Yes	elec/petro/steam	see text	**55.9 ng/m3**	see text	3.5 - 10 D	see text	----	----	see text
Phthalic anhydride	Yes	plastic/auto mfg	1.1E+04	---	---	see text	--- / ---	----	----	7.0E+03
Polychlorinated biphenyls (PCBs)	Yes	pipelines/goods	15	see text	see text	see text	2A / B2	2.2E-03	----	1.2E+00

Compound Summary Table

SUBSTANCE (Note 1)	TAC	Major Source (Stationary) In CA	California Emissions (lbs/year) (Note 2)	Ambient Conc. (Note 3)	Indoor Conc.	Atmospheric Persistence (1/2 Life)	IARC/EPA Class. (Note 4)	California Unit Risk 1/(ug/m3) (Note 5)	Acute REL (ug/m3) (Note 6)	Chronic REL (ug/m3) (Note 7)
Polycyclic Organic Matter (POM) (Note 10)	Yes	see text	see text	see text	see text	see text	see text	see text	----	----
1,3-Propane sultone	Yes	search/nav.eq.	1	---	---	---	2B / B2	6.9E-04	----	----
Propene	No	paper/petro/gas	1.1E+06	---	---	9 H	3 / ---	----	----	----
beta-Propiolactone	Yes	---	---	---	---	---	2B / B2	4.0E-03	----	----
Propionaldehyde	Yes	woodprod./elec.	4900	10 ug/m3	---	12 H	--- / ---	----	----	----
Propoxur (Baygon)	Yes	---	---	2.5 ng/m3	17-529ng/m3	3.5 - 10 D	--- / B2	----	----	----
Propylene dichloride (1,2 Dichloropropane)	Yes	hosp./sanit./mfg.	< 1.0	0.75 ug/m3	---	20 D	3 / B2	1.8E-05	----	----
Propylene oxide	Yes	chem./grocery	7.5E+05	---	see text	19 D	2B / B2	3.7E-06	1.0E+03	3.0E+01
1,2-Propylenimine (2-Methyl aziridine)	Yes	chemicals	77~	---	---	1.7 D	2B / B2	----	----	----
Quinoline	Yes	---	---	0.34 ug/m3	see text	0.9 D	--- / C	----	----	----
Quinone	Yes	---	---	---	---	3 H	3 / ---	----	----	----
Radionuclides (including radon)	Yes	air cond/elect.	see text	---	see text	see text	see text	----	----	----
Selenium compounds	Yes	see text	see text	**1.6 ng/m3**	see text	see text	see text	see text	see text	5.0E-01
Silver compounds**	No	metal mining	2.6E+04	see text	see text	3.5 - 10 D	--- / D	----	----	----
Sodium hydroxide	No	paper/pub.ord.	7.7E+05	---	---	3.5 - 10 D	--- / ---	----	2.0E+01	4.8E+00
Styrene	Yes	mfg.plastic/boat	2.5E+06	**0.30 ug/m3**	see text	see text	2B/ ---	----	----	7.0E+02
Styrene oxide	Yes	mfg.plastic/syn.	see text	---	---	see text	2A / ---	4.6E-05	----	----
Sulfuric acid	No	metal/electron.	2200	---	see text	3.5 - 10 D	see text	----	----	----
Terephthalic acid	No	---	---	---	---	3.5 - 10 D	--- / ---	----	----	----
2,3,7,8-Tetrachlorodibenzo-p-dioxin	Yes	see text	0.12	see text	---	see text	2B / ---	3.8E+01	----	3.5E-06
1,1,2,2-Tetrachloroethane	Yes	mfg.aircrft/parts	1200	0.5 ug/m3	see text	3 MO	3 / C	5.8E-05	----	----
Tetrachloroethylene (Perchloroethylene)*	Yes	dryclean./aircrft	6.7E+06	**0.13 ug/m3**	see text	2 MO	2A / B2-C	5.9E-06	6.8E+03	3.5E+01
Thiourea	No	elec./aerospace	550	---	---	3.5 - 10 D	2B / B2	2.1E-05	----	----
Titanium tetrachloride	Yes	chemicals	1100~	---	---	3.5 - 10 D	--- / ---	----	----	----
Toluene	Yes	gas/petro/furn.	5.4E+06	**8.29 ug/m3**	see text	1.7 D	3 / D	----	----	2.0E+02
2,4-Toluenediamine (2,4-Diaminotoluene) (Note 8)	Yes	---	---	---	---	1.3 H	2B / B2	1.1E-03	----	----
2,4-Toluene diisocyanate	Yes	minerl/clay/plas	3.2E+04	---	see text	1.4 D	2B / ---	see text	----	9.5E-02
o-Toluidine	Yes	---	---	---	---	2 H	2B / B2	5.1E-05	----	----
Toxaphene (chlorinated camphene)	Yes	---	---	see text	---	4 - 5 D	2B / B2	3.4E-04	----	----
1,2,4-Trichlorobenzene	Yes	eleccomp/access	625	1.3 ug/m3	---	18 D	--- / D	----	----	----
1,1,2-Trichloroethane (Vinyl trichloride)	Yes	metal products	3.4E+04	0.3 ug/m3	---	50 D	3 / C	2.1E-05	----	----
Trichloroethylene*	Yes	ofc.sup./auto	2.2E+05	**0.18 ug/m3**	see text	4 D	2A / B2-C	2.0E-06	----	6.4E+02
2,4,5-Trichlorophenol	Yes	---	---	0.1 - 0.2 ug/m3	---	7 D	2B / D	----	----	----

Compound Summary Table

SUBSTANCE (Note 1)	TAC	Major Source (Stationary) In CA	California Emissions (lbs/year) (Note 2)	Ambient Conc. (Note 3)	Indoor Conc.	Atmospheric Persistence (1/2 Life)	IARC/EPA Class. (Note 4)	California Unit Risk 1/(ug/m3) (Note 5)	Acute REL (ug/m3) (Note 6)	Chronic REL (ug/m3) (Note 7)
2,4,6-Trichlorophenol (Note 8)	Yes	sanitary svcs.	1	0.1 - 0.3 ng/m3	---	7 D	2B / B2	2.0E-05	----	----
Triethylamine	Yes	textiles/metal	300	4.2 ug/m3	---	4 H	--- / ---	----	----	----
Trifluralin	Yes	---	---	0.27 ng/m3	---	see text	3 / C	----	----	----
1,2,4-Trimethylbenzene	No	petro/metal cast	5.2E+04	see text	see text	7 H	--- / ---	----	----	----
2,2,4-Trimethylpentane	Yes	pub.ord/mining	4	**2.2 ug/m3**	see text	2.8 D	--- / ---	----	----	----
Vinyl acetate	Yes	chem/wd/cemnt	1800	---	---	10 H	2B / C	----	----	----
Vinyl bromide	Yes	---	---	---	---	1.5 D	2A / B2	----	----	----
Vinyl chloride*	Yes	sanit/air/elec.	1.8E+04	see text	see text	1.4 D	1 / A	7.8E-05	----	2.6E+01
Vinylidene chloride (1,1-Dichloroethylene)	Yes	sanit/auto rep.	3000	see text	see text	0.9 D	3 / C	----	----	3.2E+01
Xylenes (isomers and mixtures) (Note 8g)	Yes	auto/metal/oil	see text	see text	see text	see text	3 / D	----	4.4E+03	3.0E+02
Zinc compounds**	No	elec/petro/gas	2.1E+05	**51.4 ng/m3**	see text	3.5 - 10 D	--- / D	----	----	3.5E+01

Notes:

1. The following list is an explanation of asterisks (*):
   * Substances identified as toxic air contaminants under AB 1807 (*), in California
   ** Reported emissions for these compounds may include the elemental form along with its compounds
2. Emissions are from stationary facilities as reported under the Air Toxics Hot Spots Program, based on a summary report of July 11, 1997 (ARB, 1997). The data were retrieved from ATEDS (Air Toxics Emission Data System). The data are not complete for all phases of the Hot Spots Program. The reported data have not passed all quality assurance checks and are subject to change. Suspect data, pending correction, have been omitted for a few substances from a few facilities. Non-detect source test data and radionuclides (reported in Curies, not in pounds) have been omitted. ARB, Technical Support Division, Emission Inventory Methods Section, Sacramento, CA.
   ~ refers to California emissions from the 1995 Toxics Release Inventory (TRI) Public Data Release Report where no ATEDS data were available.
3. Bold type indicates measurements taken in California.

Compound Summary Table

SUBSTANCE (Note 1)	TAC	Major Source (Stationary) In CA	California Emissions (lbs/year) (Note 2)	Ambient Conc. (Note 3)	Indoor Conc.	Atmospheric Persistence (1/2 Life)	IARC/EPA Class. (Note 4)	California Unit Risk 1/(ug/m3) (Note 5)	Acute REL (ug/m3) (Note 6)	Chronic REL (ug/m3) (Note 7)

4. IARC EPA

Group 1: Human carcinogen	=	Group A: Human carcinogen - sufficient evidence in humans
Group 2A: Probable human carcinogen	=	Group B1: Probable human carcinogen - limited human or sufficient evidence in animals
Group 2B: Possible human carcinogen	=	Group B2: Probable human carcinogen - sufficient animal but no human evidence
		Group C: Possible human carcinogen - limited animal but no human evidence
Group 3: Not classifiable	=	Group D: Insufficient evidence or no available data for animals or humans
Group 4: Probably not a human carcinogen	=	Group E: Evidence of non-carcinogenicity

5. Unit risk is the estimated individual probability of contracting cancer from a lifetime exposure to 1 ug/m3.
6. Acute REL: Concentration level or dose at (or below) which no acute health effects are anticipated, (CAPCOA, 1993).
7. Chronic REL: Concentration level or dose at (or below) which no chronic health effects are anticipated, (CAPCOA, 1993).
8. Emissions from these compounds are also counted as part of their general group total.

8g. The emissions for this group are made up of compounds which may have been listed separately in this table.

9. Benzo[a]pyrene is the only Polycyclic Aromatic Hydrocarbon (PAH) listed. The other PAH's are listed under Polycyclic Organic Matter (POM).
10. POM is made up of a wide variety of compounds. The emissions in this category are dominated by PAH's. For a list, see the text.