

PHILADELPHIA AIR MANAGEMENT SERVICES - AMR VI RISK SCREENING WORKBOOK

For Carcinogenic and Long-Term and Short-Term Noncarcinogenic Effects

Air Toxics (HAPs) on the Risk Screening Worksheet in Order of CAS Number

To search for an air toxic by name, select the "Find" menu item and type in part of name.

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	CAS No.	Air Toxic	Synonym
*	50000	Formaldehyde	
	50293	DDT	
**	50328	Benzo(a)pyrene	
*	51796	Ethyl carbamate	Urethane
*	53963	Acetylaminofluorene (2-)	
	55185	Nitrosodiethylamine (N-)	
*	56235	Carbon tetrachloride	
*	57147	Dimethylhydrazine (1,1-)	
*	57578	Propiolactone (beta-)	
*	57749	Chlordane	
*	58899	Hexachlorocyclohexane (gamma-)	Lindane
*	59892	Nitrosomorpholine (N-)	
*	60117	Dimethylaminoazobenzene (4-)	
*	60344	Methylhydrazine	
*	60355	Acetamide	
	60571	Dieldrin	
*	62533	Aniline	
	62555	Thioacetamide	
*	62737	Dichlorvos	
*	62759	Nitrosodimethylamine (N-)	
*	67561	Methanol	
	67630	Isopropanol	
	67641	Acetone	
*	67663	Chloroform	
*	67721	Hexachloroethane	
*	68122	Dimethylformamide (N,N-)	
*	71432	Benzene	
*	71556	Methyl chloroform	1,1,1-Trichloroethane
*	72559	DDE	
*	74839	Methyl bromide	Bromomethane
*	74873	Methyl chloride	Chloromethane
**	74908	Hydrogen cyanide	
	74975	Bromochloromethane	Chlorobromomethane
*	75003	Ethyl chloride	
*	75014	Vinyl chloride	
*	75058	Acetonitrile	
*	75070	Acetaldehyde	
*	75092	Methylene chloride	Dichloromethane

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	CAS No.	Air Toxic	Synonym
*	75150	Carbon disulfide	
*	75218	Ethylene oxide	
*	75252	Bromoform	
	75274	Bromodichloromethane	
	75296	Chloropropane (2-)	
*	75343	Ethylidene dichloride	1,1-Dichloroethane
*	75354	Vinylidene chloride	1,1-Dichloroethylene
	75376	Difluoroethane (1,1-)	HCFC-152a
*	75445	Phosgene	
	75456	Chlorodifluoromethane	HCFC-22
*	75569	Propylene oxide	
	75683	Chloro-1,1-difluoroethane (1-)	HCFC-142b
	75694	Trichlorofluoromethane	
	75718	Dichlorodifluoromethane	
	75865	Acetone cyanohydrin	
	76062	Chloropicrin	
	76131	Trichloro-1,2,2-trifluoroethane (1,1,2-)	Freon 113
*	76448	Heptachlor	
*	77474	Hexachlorocyclopentadiene	
	77736	Dicyclopentadiene	
*	77781	Dimethyl sulfate	
*	78591	Isophorone	
*	78875	Propylene dichloride	1,2-Dichloropropane
	78933	Methyl ethyl ketone	MEK
*	79005	Trichloroethane (1,1,2-)	
*	79016	Trichloroethylene	
*	79061	Acrylamide	
*	79107	Acrylic acid	
*	79345	Tetrachloroethane (1,1,2,2-)	
*	79447	Dimethylcarbamyl chloride	
*	79469	Nitropropane (2-)	
*	80626	Methyl methacrylate	
*	85449	Phthalic anhydride	
	86306	Nitrosodiphenylamine (N-)	
*	87683	Hexachlorobutadiene	
*	87865	Pentachlorophenol	
*	88062	Trichlorophenol (2,4,6-)	
	88744	Nitroaniline (o-)	

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	CAS No.	Air Toxic	Synonym
*	90040	Anisidine (o-)	
	90948	Michler's ketone	
*	91087	Toluene diisocyanate (2,6-)	
*	91203	Naphthalene	
*	91941	Dichlorobenzidine (3,3'-)	
*	92524	Biphenyl (1,1-)	
*	92671	Aminobiphenyl (4-)	
*	92875	Benzidine	
	95501	Dichlorobenzene (1,2-)	
*	95534	Toluidine (o-)	
	95636	Trimethylbenzene (1,2,4-)	
	95692	Chloro-o-toluidine (p-)	
*	95807	Toluene-2,4-diamine	2,4-Diaminotoluene
	95830	Chloro-o-phenylenediamine (4-)	
*	96093	Styrene oxide	
*	96128	Dibromo-3-chloropropane (1,2-)	
*	96457	Ethylene thiourea	
	98011	Furfural	
*	98077	Benzotrichloride	
	98828	Cumene	
*	98862	Acetophenone	
*	98953	Nitrobenzene	
*	100414	Ethylbenzene	
*	100425	Styrene	
*	100447	Benzyl chloride	Chloromethylbenzene
	100754	Nitrosopiperidine (N-)	
*	101144	Methylene bis(2-chloroaniline) (4,4'-)	
*	101688	Methylene diphenyl diisocyanate (4,4'-)	
	101779	Methylenedianiline (4,4-)	
	103333	Azobenzene	
	105602	Caprolactam	
*	106467	Dichlorobenzene (1,4-)	
*	106887	Epoxybutane (1,2-)	
*	106898	Epichlorohydrin	
*	106934	Ethylene dibromide	1,2-Dibromoethane
*	106945	1-Bromopropane	n-Propyl bromide
*	106990	Butadiene (1,3-)	
*	107028	Acrolein	

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*	107051	Allyl chloride	
*	107062	Ethylene dichloride	1,2-Dichloroethane
*	107131	Acrylonitrile	
*	107211	Ethylene glycol	
*	107302	Chloromethyl methyl ether	
	107982	Propylene glycol monomethyl ether	
*	108054	Vinyl acetate	
*	108101	Methyl isobutyl ketone	MIBK
*	108316	Maleic anhydride	
	108601	Bis(2-chloroisopropyl)ether	
	108872	Methylcyclohexane	
*	108883	Toluene	
*	108907	Chlorobenzene	
*	108952	Phenol	
**	109864	Ethylene glycol monomethyl ether	2-Methoxyethanol
	109999	Tetrahydrofuran	
**	110496	Ethylene glycol monomethyl ether acetate	
*	110543	Hexane (N-)	
**	110805	Ethylene glycol monoethyl ether	2-Ethoxyethanol
	110827	Cyclohexane	
**	111159	Ethylene glycol monoethyl ether acetate	
	111308	Glutaraldehyde	
*	111422	Diethanolamine	
*	111444	Dichloroethyl ether	Bis(2-chloroethyl)ether
*	111762	Ethylene glycol monobutyl ether	2-Butoxyethanol; EGBE
	112345	Diethylene glycol monobutyl ether	
	115071	Propylene	
	117793	Aminoanthraquinone (2-)	
*	117817	Bis(2-ethylhexyl)phthalate	Di(2-ethylhexyl)phthalate; DEHP
*	118741	Hexachlorobenzene	
	120718	Cresidine (p-)	
*	120821	Trichlorobenzene (1,2,4-)	
*	121142	Dinitrotoluene (2,4-)	
*	121448	Triethylamine	
*	122667	Diphenylhydrazine (1,2-)	
*	123386	Propionaldehyde	
*	123911	Dioxane (1,4-)	
	124481	Dibromochloromethane	Chlorodibromomethane

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	CAS No.	Air Toxic	Synonym
	126987	Methacrylonitrile	
*	126998	Chloroprene	2-Chloro-1,3-butadiene
*	127184	Tetrachloroethylene	Perchloroethylene
*	133062	Captan	
	135206	Cupferron	
	140578	Aramite	
*	140885	Ethyl acrylate	
*	151564	Ethyleneimine	Aziridine
	156105	Nitrosodiphenylamine (p-)	
*	302012	Hydrazine	
	309002	Aldrin	
**	319846	Hexachlorocyclohexane (alpha-)	
**	319857	Hexachlorocyclohexane (beta-)	
*	463581	Carbonyl sulfide	
*	510156	Chlorobenzilate	Ethyl-4,4'-dichlorobenzilate
*	532274	Chloroacetophenone (2-)	
	540738	Dimethylhydrazine (1,2-)	
*	542756	Dichloropropene (1,3-)	
*	542881	Bis(chloromethyl)ether	
*	584849	Toluene diisocyanate (2,4-)	
*	593602	Vinyl bromide	Bromoethene
**	608731	Hexachlorocyclohexane (technical grade)	
	615054	Diaminoanisole (2,4-)	
	621647	Nitrosodi-n-propylamine (N-)	
*	624839	Methyl isocyanate	
	630206	Tetrachloroethane (1,1,1,2-)	
*	684935	Nitroso-n-methylurea (N-)	
	759739	Nitroso-n-ethylurea (N-)	
	764410	Dichloro-2-butene (1,4-)	
	765344	Glycidaldehyde	
	811972	Tetrafluoroethane (1,1,1,2-)	
*	822060	Hexamethylene diisocyanate	
	924163	Nitrosodi-n-butylamine (N-)	
	930552	Nitrosopyrrolidine (N-)	
	1024573	Heptachlor epoxide	
*	1120714	Propane sultone (1,3-)	
**	1309644	Antimony trioxide	
	1310732	Sodium hydroxide	

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	CAS No.	Air Toxic	Synonym
**	1313991	Nickel oxide	
	1314621	Vanadium pentoxide	
*	1332214	Asbestos	
*	1336363	Polychlorinated biphenyls (PCBs)	
*	1582098	Trifluralin	
*	1634044	Methyl tert butyl ether	MTBE
*	1746016	Tetrachlorodibenzo(p)dioxin (2,3,7,8-) (2,3,7,8-TCDD)	Dioxin
	2699798	Sulfuryl fluoride	
*	7439976	Mercury (inorganic)	
	7440428	Boron (elemental)	
	7440622	Vanadium	
*	7550450	Titanium tetrachloride	
	7631869	Silica (crystalline, respirable)	
	7637072	Boron trifluoride	
*	7647010	Hydrogen chloride	Hydrochloric acid
*	7664382	Phosphoric acid	
*	7664393	Hydrogen fluoride	
	7664417	Ammonia	
	7664939	Sulfuric acid	
	7697372	Nitric acid	
	7758012	Potassium bromate	
*	7782505	Chlorine	
	7783064	Hydrogen sulfide	
**	7783075	Hydrogen selenide	
**	7784421	Arsine	
*	7803512	Phosphine	
*	8001352	Toxaphene	
*	8007452	Coke oven emissions	
	10034932	Hydrazine sulfate	
	10049044	Chlorine dioxide	
	10595956	Nitrosomethylethylamine (N-)	
	16984488	Fluoride	
**	18540299	Chromium VI (total)	
	19408743	Hexachlorodibenzo-p-dioxin, mixture	
	25013154	Methyl styrene (mixed isomers)	
*	26471625	Toluene diisocyanate (2,4-/2,6-)	
	108171262	Chlorinated paraffins	