# Chemical Hygiene Plan Appendix G: OSHA Hazardous and Toxic Substances

|  |
| --- |
| 2,4,5-T |
| 2,4-D (Dichlorylphenoxyacetic acid) |
| Acetaldehyde |
| Acetic acid |
| Acetic anhydride |
| Acetone |
| Acetonitrile |
| Acetylene tetrabromide |
| Acetylsalicylic acid (Aspirin) |
| Acrolein |
| Acrylamide |
| Acrylic acid |
| Aldrin |
| Allyl alcohol |
| Allyl chloride |
| Allyl glycidyl ether |
| Allyl propyl disulfide |
| alpha-Alumina |
| Aluminum metal |
| Aluminum, alkyls |
| Aluminum, pyro powders |
| Aluminum, soluble salts |
| Aluminum, welding fumes |
| 2-Aminopyridine |
| Amitrole |
| Ammonia |
| Ammonium chloride fume |
| Ammonium sulfamate |
| sec-Amyl acetate |
| n-Amyl acetate |
| Aniline and homologs |
| Anisidine (o-, p- isomers) |
| Antimony |
| Antimony compounds |
| ANTU (alpha-Naphthyl thiourea) |
| Arsenic |
| Arsine |
| Atrazine |
| Azinphos-methyl |
| Barium |
| Barium sulfate |
| Barium, soluble compounds |
| Benomyl |
| Benzene |
| Benzoyl peroxide |
| Benzyl chloride |
| Beryllium |
| Beryllium compounds, n.o.s. |
| Bismuth telluride (Se doped) |
| Bismuth telluride, undoped |
| Borates, tetra, sodium salts, anhydrous |
| Borates, tetra, sodium salts, decahydrate |
| Borates, tetra, sodium salts, pentahydrate |
| Boron oxide |
| Boron tribromide |
| Boron trifluoride |
| Bromacil |
| Bromine |
| Bromine pentafluoride |
| Bromoform |
| Butadiene (1,3-Butadiene) |
| Butane |
| 2-Butanone (Methyl ethyl ketone) |
| 2-Butoxyethanol |
| n-Butyl acetate |

|  |
| --- |
| tert-Butyl acetate |
| sec-Butyl acetate |
| Butyl acrylate |
| tert-Butyl alcohol |
| sec-Butyl alcohol |
| n-Butyl alcohol |
| tert-Butyl chromate |
| n-Butyl glycidyl ether (BGE) |
| n-Butyl lactate |
| Butyl mercaptan |
| Butylamine (n-) |
| o-sec-Butylphenol |
| p-tert-Butyltoluene |
| Cadmium |
| Cadmium fume |
| Calcium carbonate |
| Calcium cyanamide |
| Calcium hydroxide |
| Calcium oxide |
| Calcium silicate |
| Calcium sulfate |
| Camphor, synthetic |
| Caprolactam |
| Captafol (Difolatan) |
| Captan |
| Carbaryl (Sevin) |
| Carbofuran (Furadan) |
| Carbon black |
| Carbon dioxide |
| Carbon disulfide |
| Carbon monoxide |
| Carbon tetrabromide |

|  |
| --- |
| Carbon tetrachloride |
| Carbonyl fluoride |
| Catechol (pyrocatechol) |
| Cellulose |
| Cesium hydroxide |
| Chlordane |
| Chlorinated camphene |
| Chlorinated diphenyl oxide |
| Chlorine |
| Chlorine dioxide |
| Chlorine trifluoride |
| 1-Chloro-1-nitropropane |
| 2-Chloro-6-(trichloromethyl)pyridine |
| Chloroacetaldehyde |
| alpha-Chloroacetophenone (Phenacyl chloride) |
| Chloroacetyl chloride |
| Chlorobenzene |
| o-Chlorobenzylidene malonitrile |
| Chlorobromomethane |
| Chlorodifluoromethane |
| Chlorodiphenyl (42% chlorine) (PCB) |
| Chlorodiphenyl (54% chlorine) (PCB) |
| Chloroform (Trichloromethane) |
| Chloropentafluoroethane |
| Chloropicrin |
| Chloropicrin/methyl chloride |
| beta-Chloroprene |
| o-Chlorostyrene |
| o-Chlorotoluene |
| Chlorpyrifos |
| Chromates |
| Chromic acid |

|  |
| --- |
| Chromium |
| Chromium (III) compounds, soluble |
| Chromium insoluble salts |
| Clopidol |
| Coal dust (greater than or equal to 5% SiO2), repiratable quartz fraction |
| Coal tar pitch volatiles |
| Cobalt carbonyl |
| Cobalt hydrocarbonyl |
| Cobalt metal, dust and fume |
| Copper |
| Copper dusts and mists |
| Cotton dust (raw) |
| Crag herbicide (Sesone) |
| Cresol, all isomers |
| Crotonaldehyde |
| Crotonaldehyde, (E)- |
| Crufomate |
| Cumene |
| Cyanamide |
| Cyanides |
| Cyanogen |
| Cyanogen chloride |
| Cyclohexane |
| Cyclohexanol |
| Cyclohexanone |
| Cyclohexene |
| Cyclohexylamine |
| Cyclonite |
| Cyclopentadiene |
| Cyclopentane |
| Cyhexatin |
| Decaborane |

|  |
| --- |
| Demeton (Systox) |
| Di-sec octyl phthalate (Di-2-ethylhexyl-phthalate) |
| 2,6-Di-tert-butyl-p-cresol |
| Diacetone alcohol (4-Hydroxy-4-methyl-2-pentanone) |
| Diazinon |
| Diazomethane |
| Diborane |
| Dibutyl phosphate |
| Dibutyl phthalate |
| 2-N-Dibutylaminoethanol |
| Dichloro diphenyl trichloroethane (DDT) |
| 1,1-Dichloro-1-nitroethane |
| 1,3-Dichloro-5,5-dimethyl hydantoin |
| Dichloroacetylene |
| o-Dichlorobenzene |
| p-Dichlorobenzene |
| Dichlorodifluoromethane |
| 1,1-Dichloroethane |
| Dichloroethyl ether |
| 1,2-Dichloroethylene |
| Dichlorofluoromethane |
| 1,3-Dichloropropene |
| 2,2-Dichloropropionic acid |
| 1,2-Dichlorotetrafluoroethane |
| Dichlorvos (DDVP) |
| Dicrotophos |
| Dicyclopentadiene |
| Dicyclopentadienyl iron |
| Dieldrin |
| Diethanolamine |
| Diethyl ketone |
| Diethyl phthalate |

|  |
| --- |
| Diethylamine |
| 2-Diethylaminoethanol |
| Diethylene triamine |
| Difluorodibromomethane |
| Diglycidyl ether (DGE) |
| Diisobutylketone |
| Diisopropylamine |
| Dimethyl 1,2-dibromo-2,2-dichloroethyl phosphate |
| Dimethyl acetamide |
| Dimethyl aniline (N,N-dimethylaniline) |
| 1,1-Dimethyl hydrazine |
| Dimethyl phthalate |
| Dimethyl sulfate |
| Dimethylamine |
| Dimethylformamide |
| Dinitolmide (3,5-Dinitro-o-toluamide) |
| Dinitro-o-cresol |
| Dinitrobenzene (alpha-) |
| Dinitrobenzene (meta-) |
| Dinitrobenzene (para-) |
| Dinitrobenzene, all isomers |
| Dinitrotoluene |
| Dioxane (Diethylene dioxide) |
| Dioxathion (Delnav) |
| Diphenyl (Biphenyl) |
| Diphenylamine |
| Dipropyl ketone |
| Dipropylene glycol, methyl ether |
| Diquat |
| Disulfiram |
| Disulfoton |
| Diuron |

|  |
| --- |
| Divinyl benzene |
| Emery |
| Endosulfan |
| Endrin |
| Epichlorohydrin |
| EPN |
| Ethanolamine |
| Ethion |
| 2-Ethoxyethanol |
| 2-Ethoxyethyl acetate (Cellosolve acetate) |
| Ethyl acrylate |
| Ethyl alcohol (Ethanol) |
| Ethyl amyl ketone (5-Methyl-3-heptanone) |
| Ethyl benzene |
| Ethyl bromide |
| Ethyl butyl ketone (3-Heptanone) |
| Ethyl chloride |
| Ethyl ether |
| Ethyl formate |
| Ethyl mercaptan |
| Ethyl silicate |
| Ethylacetate |
| Ethylamine |
| Ethylene chlorohydrin |
| Ethylene diamine |
| Ethylene dibromide (1,2-Dibromoethane) |
| Ethylene dichloride |
| Ethylene glycol |
| Ethylene glycol, dinitrate |
| Ethylidene norbornene |
| N-Ethylmorpholine |
| Fenaminphos |

|  |
| --- |
| Fensulfothion (Dasanit) |
| Fenthion |
| Ferbam |
| Ferrovanadium dust |
| Fluorides |
| Fluorine |
| Fluorotrichloromethane (Trichlorofluoromethane) |
| Fonofos |
| Formaldehyde |
| Formamide |
| Formic acid |
| Furfural |
| Furfuryl alcohol |
| Gasoline |
| Germanium tetrahydride |
| Glutaraldehyde |
| Glycerin mist |
| Glycidol |
| Grain dust (oat, wheat, barley) |
| Graphite, natural |
| Graphite, synthetic |
| Gypsum |
| Hafnium |
| Heptachlor |
| Heptane (n-Heptane) |
| Hexachlorobutadiene |
| Hexachlorocyclo-pentadiene |
| Hexachloroethane |
| Hexachloronaphthalene |
| Hexafluoroacetone |
| n-Hexane |
| Hexane isomers |

|  |
| --- |
| 2-Hexanone (Methyl n-butyl ketone) |
| Hexone (Methyl isobutyl ketone) |
| sec-Hexyl acetate |
| Hexylene glycol |
| Hydrazine |
| Hydrogen bromide |
| Hydrogen chloride |
| Hydrogen cyanide |
| Hydrogen fluoride |
| Hydrogen peroxide |
| Hydrogen selenide |
| Hydrogen sulfide |
| Hydrogenated terphenyls |
| Hydroquinone |
| 2-Hydroxypropyl acrylate |
| Indene |
| Indium |
| Indium compounds, n.o.s. |
| Iodine |
| Iodoform |
| Iron oxide fume |
| Iron salts (soluble) |
| Iron, pentacarbonyl- |
| Isoamyl acetate |
| Isoamyl alcohol (primary and secondary) |
| Isobutyl acetate |
| Isobutyl alcohol |
| Isooctyl alcohol |
| Isophorone |
| Isophoronediisocyanate |
| 2-Isopropoxyethanol |
| Isopropyl acetate |

|  |
| --- |
| Isopropyl alcohol |
| Isopropyl ether |
| Isopropyl glycidyl ether (IGE) |
| Isopropylamine |
| N-Isopropylaniline |
| Kaolin |
| Ketene |
| L.P.G. (liquified petroleum gas) |
| Lindane |
| Lithium hydride |
| Magnesite |
| Magnesium oxide fume |
| Malathion |
| Maleic anhydride |
| Manganese |
| Manganese cyclopentadienyl tricarbonyl |
| Manganese fume |
| Manganese tetroxide |
| Mercury |
| Mercury (organo) alkyl compounds |
| Mesityl oxide |
| Methacrylic acid |
| Methomyl (Lannate) |
| Methoxychlor |
| 4-Methoxyphenol |
| Methyl 2-cyanoacrylate |
| Methyl acetate |
| Methyl acetylene (Propyne) |
| Methyl acetylene - Propadiene mixture (MAPP) |
| Methyl acrylate |
| Methyl acrylonitrile |
| Methyl alcohol |

|  |
| --- |
| Methyl bromide (Bromomethane) |
| Methyl cellosolve (2-methoxyethanol) |
| Methyl cellosolve acetate (2-Methoxyethyl acetate) |
| Methyl chloride |
| Methyl chloroform (1,1,1-Trichloroethane) |
| Methyl cyclopentadienyl manganese tricarbonyl |
| Methyl demeton |
| Methyl ethyl ketone peroxide (MEKP) |
| Methyl formate |
| Methyl hydrazine (Monomethyl hydrazine) |
| Methyl iodide |
| Methyl isoamyl ketone |
| Methyl isocyanate |
| Methyl isopropyl ketone |
| Methyl methacrylate |
| Methyl n-amyl ketone |
| Methyl parathion |
| Methyl silicate |
| alpha-Methyl styrene |
| Methylal (Dimethoxymethane) |
| Methylamine |
| Methylcyclohexane |
| Methylcyclohexanol |
| o-Methylcyclohexanone |
| Methylene bis(4-cyclohexylisocyanate) |
| Methylene bisphenol isocyanate (MDI) |
| Methylene chloride |
| 4,4'-Methylenebis(2-chloroaniline) (MBOCA) |
| Methylisobutyl carbinol |
| Methylmercaptan |
| Metribuzin |
| Mica |

|  |
| --- |
| Molybdenum |
| Molybdenum insoluble compounds |
| Molybdenum soluble compounds |
| Monocrotophos (Azodrin) |
| Monomethylaniline |
| Morpholine |
| Naphtha (coal tar) |
| Naphthalene |
| Nickel |
| Nickel carbonyl |
| Nickel insoluble compounds |
| Nickel soluble compounds |
| Nicotine |
| Nitric acid |
| Nitric oxide |
| p-Nitroaniline |
| Nitrobenzene |
| p-Nitrochlorobenzene |
| Nitroethane |
| Nitrogen dioxide |
| Nitrogen trifluoride |
| Nitroglycerin |
| Nitromethane |
| 2-Nitropropane |
| 1-Nitropropane |
| o-Nitrotoluene |
| m-Nitrotoluene |
| p-Nitrotoluene |
| Nonane |
| Octachloronaphthalene |
| Octane |
| Oil mist, mineral |

|  |
| --- |
| Osmium tetroxide |
| Oxalic acid |
| Oxygen difluoride |
| Ozone |
| Paraffin wax fume |
| Paraquat |
| Paraquat |
| Paraquat methosulfate |
| Parathion |
| Particulates not otherwise regulated |
| Pentaborane |
| Pentachloronaphthalene |
| Pentachlorophenol |
| Pentaerythritol |
| Pentane |
| 2-Pentanone (Methyl propyl ketone) |
| Perchloroethylene (Tetrachloroethylene) |
| Perchloryl fluoride |
| Perlite |
| Petroleum distillates (naphtha) (rubber solvent) |
| Phenol |
| Phenothiazine |
| Phenyl ether |
| Phenyl ether-Biphenyl mixture vapor |
| Phenyl glycidyl ether (PGE) |
| Phenyl mercaptan |
| p-Phenylene diamine |
| Phenylhydrazine |
| Phenylphosphine |
| Phorate |
| Phosdrin (Mevinphos) |
| Phosgene (Carbonyl chloride) |

|  |
| --- |
| Phosphine |
| Phosphoric acid |
| Phosphorus (yellow) |
| Phosphorus oxychloride |
| Phosphorus pentachloride |
| Phosphorus pentasulfide |
| Phosphorus trichloride |
| Phthalic anhydride |
| m-Phthalodinitrile |
| Picloram |
| Picric acid |
| Pindone (2-pivalyl-1,3-indandione) |
| Piperazine dihydrochloride |
| Plaster of paris |
| Platinum |
| Platinum soluble salts |
| Portland cement |
| Potassium hydroxide |
| Propane |
| Propargyl alcohol |
| Propionic acid |
| Propoxur (Baygon) |
| n-Propyl acetate |
| n-Propyl alcohol |
| n-Propyl nitrate |
| Propylene dichloride |
| Propylene glycol dinitrate |
| Propylene glycol monomethyl ether |
| Propylene imine |
| Propylene oxide |
| Pyrethrum |
| Pyridine |

|  |
| --- |
| Quinone |
| Resorcinol |
| Rhodium |
| Rhodium soluble compounds |
| Rhodium, insoluble compounds |
| Ronnel |
| Rosin core solder pyrolysis products, as formaldehyde |
| Rotenone |
| Rouge |
| Selenium |
| Selenium compounds |
| Selenium hexafluoride |
| Silica, amorphous, diatomaceous earth, containing less than1% crystalline silica |
| Silica, amorphous, precipitated and gel |
| Silica, crystalline, tridymite |
| Silica, fused |
| Silica-crystalline, cristobalite |
| Silica-crystalline, quartz |
| Silica-crystalline, tripoli |
| Silicon |
| Silicon carbide |
| Silicon tetrahydride |
| Silver soluble compounds |
| Silver, metal |
| Soapstone |
| Sodium azide |
| Sodium bisulfite |
| Sodium fluoroacetate |
| Sodium hydroxide |
| Sodium metabisulfite |
| Starch |
| Stibine |

|  |
| --- |
| Stoddard solvent |
| Strychnine |
| Styrene |
| Subtilisins (proteolytic enzymes) |
| Sucrose |
| Sulfur dioxide |
| Sulfur hexafluoride |
| Sulfur monochloride |
| Sulfur pentafluoride |
| Sulfur tetrafluoride |
| Sulfuric acid |
| Sulfuryl fluoride |
| Sulprofos |
| Talc (containing no asbestos) |
| Tantalum metal |
| Tantalum, oxide dusts |
| TEDP (Sulfotep) |
| Tellurium |
| Tellurium compounds, n.o.s. |
| Tellurium hexafluoride |
| Temephos |
| TEPP |
| Terphenyls |
| 1,1,2,2-Tetrachloro-1,2-difluoroethane |
| 1,1,1,2-Tetrachloro-2,2-difluoroethane |
| 1,1,2,2-Tetrachloroethane |
| Tetrachloronaphthalene |
| Tetraethyllead |
| Tetrahydrofuran |
| Tetramethyl lead |
| Tetramethyl succinonitrile |
| Tetranitromethane |

|  |
| --- |
| Tetrasodium pyrophosphate |
| Tetryl (2,4,6-Trinitro-phenylmethylnitramine) |
| Thallium soluble compounds |
| Thallium soluble compounds |
| 4,4'-Thiobis(6-tert-butyl-m-cresol) |
| Thioglycolic acid |
| Thionyl chloride |
| Thiram |
| Tin |
| Tin inorganic compounds |
| Tin organic compounds |
| Tin oxide |
| Titanium dioxide |
| Toluene |
| Toluene 2,4-diisocyanate (TDI) |
| p-Toluidine |
| o-Toluidine |
| m-Toluidine |
| Tributyl phosphate |
| 1,1,2-Trichloro-1,2,2-trifluoroethane |
| Trichloroacetic acid |
| 1,2,4-Trichlorobenzene |
| 1,1,2-Trichloroethane |
| Trichloroethylene |
| Trichloromethanesulphenyl chloride |
| Trichloronaphthalene |
| 1,2,3-Trichloropropane |
| Triethylamine |
| Trifluorobromomethane |
| Trimellitic anhydride |
| Trimethyl benzene |
| Trimethyl phosphite |

|  |
| --- |
| Trimethylamine |
| 2,4,6-Trinitrotoluene (TNT) |
| Triorthocresyl phosphate |
| Triphenyl amine |
| Triphenyl phosphate |
| Tungsten |
| Tungsten, insoluble compounds |
| Tungsten, soluble compounds |
| Turpentine |
| Uranium |
| Uranium insoluble compounds |
| Uranium soluble compounds |
| n-Valeraldehyde |
| Vanadium |
| Vegetable oil mist |
| Vinyl acetate |
| Vinyl bromide |
| Vinyl cyclohexene dioxide |
| Vinyl toluene |
| Vinylidene chloride (1,1-Dichloroethylene) |
| VM&P Naphtha |
| Warfarin |
| Welding fumes (total particulate) |
| Wood dust, all soft and hard woods, except western red cedar |
| Wood dust, western red cedar |
| m-Xylene-alpha, alpha'-diamine |
| Xylenes (o-, m-, p- isomers) |
| Xylidine |
| Yttrium |
| Zinc chloride fume |
| Zinc chromate |
| Zinc oxide |
| Zinc stearate |
| Zirconium |
| Zirconium compounds, n.o.s |