

Flammable and Combustible Liquids Organized by Class

Class 1A

Acetaldehyde
Ammonium perchlorate
t-Butylamine
1-Butylene
t-Butyl hydroperoxide
"Collodion"
Cyanogen
Deuterium
Dimethylamine

Dimethyl sulphide
Ethylamine
Ethyl chloride
Ethyl ether
Ethyl mercaptan
Furan
Hydrogen cyanide
Isopentane
Isopropylamine

Methylamine
Methyl formate
Methyl mercaptan
n-Pentane
Propylene oxide
Trimethylamine
Vinylidene chloride

Class 1B

Acetal
Acetone
Acetonitrile
Acetyl chloride
Acrolein
Acrylonitrile
Allyl alcohol
Allyl chloride
Benzene
2-Butanone (MEK)
Butylaldehyde
n-Butyl acetate
Tert-Butyl alcohol
n-Butylamine
n-Butyl mercaptan
n-Butyronitrile
Carbon disulfide
bis-Chloromethyl ether
Chloromethyl methyl ether
B-Chloroprene
Crotonaldehyde
Cyclohexane
Cyclohexene
Cyclopentane
1,1-Dichloroethane
1,2-Dichloroethylene
1,2-Dichloropropane
Diethylamine
Diethyl ketone

Diisopropylamine
1,1-Dimethylhydrazine
Dioxane
Ethyl acetate
Ethyl acrylate
Ethyl alcohol, > 60%
Ethyl benzene
Ethyl bromide
Ethyl chloroformate
Ethylene dichloride
Ethyleneimine
Ethyl formate
Gasoline
n-Heptane
n-Hexane
n-Hexanethiol
Hexone
Iron pentacarbonyl
Isobutyl alcohol
Isobutyronitrile
Isopropyl acetate
Isopropyl alcohol
Isopropyl ether
Methoxycyclohexane
Methyl acetate
Methyl acrylate
Methyl acrylonitrile
Methylal
Methyl alcohol

Methyl chloroformate
Methyl ethyl ketone (MEK)
Methyl hydrazine
Methyl isobutyl ketone
Methyl isocyanate
Methyl methacrylate
Methyl propyl ketone
Naphtha, VM & P
Nickel carbonyl
Pentaborane
1-Pentanethiol
2-Pentanone
Piperidine
1-Propanethiol
Propargyl alcohol
Propionitrile
n-Propyl acetate
n-Propyl alcohol
Propylene dichloride
Propylene imine
n-Propyl nitrate
Pyridine
Tetrahydrofuran (THF)
Toluene
Triethylamine (TEA)
n-Valeraldehyde
Vinyl acetate
o,m,p-Xylene

Class 1C

Amyl acetate
Amyl alcohol
n-Butyl alcohol (1-Butanol)
Sec-Butyl alcohol (2-Butanol)
n-Butyl acetate
Chlorobenzene
Chlorostyrene
o-Chlorotoluene

Cumene
Cyclohexylamine
Cyclopentadiene
1,3-Dichloropropene
Dicyclopentadiene
Diethyl carbonate
Epichlorohydrin
Ethyl alcohol, 20-60%

Ethylene diamine
n-Ethylmorpholine
Ethyl silicate
2-Hexanone
Hydrazine
Isoamyl acetate
Isoamyl alcohol (secondary)
2-Isopropoxyethanol

Isopropyl glycidyl ether
Mesityl oxide
Methoxyflurane
Methyl butyl ketone
Methyl isoamyl ketone
Morpholine

Nickel tetracarbonyl
Nitroethane
Nitromethane
1-Nitropropane
2-Nitropropane
Nonane

n-Octane
Propylene glycol monomethyl ether
Styrene (Vinyl benzene)
Trimethyl phosphite
Turpentine

Class 2

Acetic acid, glacial
Acetic anhydride
Acrylic acid
Allyl glycidyl ether
Benzenethiol
Butyl acrylate
n-Butyl glycidyl ether
Chlorostyrene
Cyclohexanethiol
Demeton
Diacetone alcohol
Dichloroethyl ether
1,1-Dichloro-1-nitroethane
2-Diethylaminoethanol
1,2-Diethylbenzene
Diisobutyl ketone

Dimethyl formamide
Dipropyl ketone
2-Ethoxyethanol
2-Ethoxyethyl acetate
Ethyl alcohol, 10%
Ethyl butyl ketone
Ethylene chlorohydrin
Ethylglycol acetate
Ethylidene norbornene
Formalin, 37% (Methanol, 15%)
Formic acid
1-Heptanethiol
sec-Hexyl acetate
Isoamyl alcohol (primary)
Kerosene
Methyl (n-amyl) ketone

Methyl "Cellusolve" (EGME)
Methyl "Cellusolve" acetate (EGMEA)
o-Methylcyclohexanone
5-Methyl-3-heptanone
Methyl isobutyl carbinol
Methyl styrene
Naphtha (coal tar)
1-Octanethiol
Propionic acid
Stoddard solvent
Tetramethyl lead
1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene
Vinyl toluene

Class 3A

2-Aminopyridine
Aniline (and homologs)
Benzoyl peroxide
Benzyl chloride
2-Butoxyethanol (EGME)
n-Butyl lactate
p-tert-Butyltoluene
Camphor (synthetic)
Chloroacetaldehyde
1-Chloro-1-nitropropane
m, o, p-Cresol
Cyclohexanol
Cyclohexanone
Decaborane
1,2-Dibromo-3-chloropropane (DBCP)
2-N-Dibutylaminoethanol
o, p-Dichlorobenzene
Diglycidyl ether
Dimethyl acetamide
Dimethylamino propionitrile
N,N-Dimethylaniline
Dimethyl carbamoyl chloride
Dimethyl sulfate
Dipropylene glycol methyl ether
Divinyl benzene

1-Dodecanethiol
Ethanolamine
Ethyl alcohol, 5%
Formalin, 37% (\pm Methanol, 7%)
Furfural
Furfuryl alcohol
Glycidol
2-Hydroxypropyl acrylate
Indene
Isooctyl alcohol
Isophorone
N-Isopropylaniline
Methacrylic acid
Methyl-2-cyanoacrylate
Methylcyclohexanol
Monomethyl aniline
Naphthalene
Nitrobenzene
Phenol (Carbolic acid)
Phenylhydrazine
B-Propiolactone
o,m,p-Toluidine
1,2,3-Trichloropropane

Class 3B

Acrylamide
o-sec-Butylphenol
Caprolactam
Catechol
Chloroacetophenone
Cyanamide
1-Decanethiol
o-Dianisidine
Dibutylphthalate
1,1-Dichloroethylene
1,3-Dichloro-5,5-
dimethylhydantoin
Diethanolamine
Diethylenetriamine
Diethyl phthalate
Dimethylphthalate
o,m-Dinitrobenzene
Dinitrotoluene
Di-sec octyl phthalate
Diphenyl
Diphenylamine
Ethylene glycol
Ethylene thiourea

Formamide
1-Hexadecanethiol
Hexamethylene diisocyanate
Hexamethyl phosphoramidate
Hexylene glycol
Hydroquinone
Isoflurane ("Forane")
Isophorone diisocyanate
Maleic anhydride
Malononitrile
4-Methoxyphenol
Methylene bisphenyl isocyanate
Methylene chloride
4,4'-Methylene dianiline
Methyl silicate
Naphthalene diisocyanate
Naphthylamine
Nicotine
p-Nitroaniline
4-Nitrobiphenyl
p-Nitrochlorobenzene
o,m,p-Nitrotoluene
Oil mist (mineral)

Paraffin wax
Phenol/Chloroform
p-Phenylene diamine
Phenyl ether (vapor)
Phthalic anhydride
Propane sultone
Succinonitrile
Sulfur monochloride
o,m,p-Terphenyl
Tetrachloronaphthalene
Tetraethyl lead
Thioglycolic acid
Toluenediamine
Toluene-2,4-diisocyanate
Tributyl phosphate
1,2,4-Trichlorobenzene
1,1,1-Trichloroethane
Trichloroethylene
Trichloronaphthalene
Triphenyl phosphate
Vinyl cyclohexene dioxide
Xylidine
Zinc stearate

Noncombustible

Boron tribromide
Bromine
Bromoform
Carbon tetrachloride
Chloroacetyl chloride
Chlorobromomethane
Chloroform
Difluorodibromomethane
Enflurane ("Ethrane")
Ethylene dibromide
Fluorotrichloromethane
Formalin, 10%

Glutaraldehyde
Halothane
Hexachlorocyclopentadiene
Methyl iodide
Perchloroethylene (Perk)
Perchloromethyl mercaptan
1,1,2,2-Tetrachloroethane
Tetraethyl pyrophosphate (TEPP)
Thionyl chloride
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-/CFC-113)