

| Name of Liquid | Chemical Formula |
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| AASTM - Ref Motor Fuel | |
| Acetaldehyde | CH ₃ CHO |
| Acetamide | CH ₃ CONH ₂ |
| Acetate Solvents | |
| Acetic Acid-20% | CH ₃ COOH |
| Acetic Acid-30% | CH ₃ COOH |
| Acetic Acid-50% | CH ₃ COOH |
| Acetic Andydride | (CH ₃ CO) ₂ O |
| Acetone | CH ₃ COCH ₃ |
| Acetone Cyanohydrin | (CH ₃) ₂ C(OH)CN |
| Acetonitrile | CH ₃ CN |
| Acetophenone | C ₈ H ₈ O |
| Acetyl Acetone | CH ₃ COCH ₂ COCH ₃ |
| Acetyl Chloride | CH ₃ COCl |
| Acetyl Salicylic Acid | |
| Acetylene | C ₂ H ₂ |
| Acetylene Tetrabromide | C ₂ H ₂ Br ₄ |
| Acrolein | CH ₂ =CHCHO |
| Acrylonitrile | CH ₂ =CHCN |
| Adipic Acid Aqueous | HO ₂ C(CH ₂) ₄ CO ₂ H |
| Aliphatic | |
| Alkazene(Chlorethyl or Polyisoprpopyl benzenes) | |
| Allyl Alcohol (2-Propen-1-ol) | CH ₂ =CHCH ₂ OH |
| Allyl Bromide (3-Bromopropene) | CH ₂ =CHCH ₂ Br |
| Allyl Chloride (3-Chloropropene) | CH ₂ =CHCH ₂ Cl |
| Almond Oil (artificial) | |
| Alum(Aluminum Potassium Sulfate Dodecatydrate) | K ₂ SO ₄ Al ₂ (SO ₄) ₃ 24H ₂ O |
| Aluminum Acetate | (CH ₃ CO ₂) ₃ Al |
| Aluminum Bromide | AlBr ₃ |
| Aluminum Chloride | AlCl ₃ |
| Aluminum Fluoride | AlF ₃ |
| Aluminum Hydroxide | Al(OH) ₃ |
| Aluminum Nitrate | Al(NO ₃) ₉ H ₂ O |
| Aluminum Phosphate | |
| Aluminum Potassium Sulfate(Potash Alum) | K ₂ SO ₄ Al ₂ (SO ₄) ₃ 24H ₂ O |
| Aluminum sodium Sulfate(Soda Alum) 12-water | AlNa(SO ₄) ₂ · 12H ₂ O |
| Aluminum Sulfate(Cake Alum) | Al ₂ (SO ₄) ₃ |
| Alumminum Ammonium Sulfate(Alum) | (NH ₄) ₂ SO ₄ Al ₂ (SO ₄) ₃ 24H ₂ O |
| Amines | CH ₂ =CHCH ₂ NH ₂ |
| Ammonia Anhydrous, Liquid | NH ₄ OH |
| Ammonia Gas - Cold | |
| Ammonia Gas - Hot | |
| Ammonia Liquors | NH ₃ |
| Ammonium Acetate | CH ₃ COONH ₄ |
| Ammonium Bicarbonate | NH ₄ HCO ₃ |
| Ammonium Bifluoride - 10% | NH ₄ F · HF |
| Ammonium Carbonate | (NH ₄) ₂ CO ₃ |
| Ammonium Casenite | |

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| Ammonium Chloride | NH ₄ Cl |
| Ammonium Cupric Sulfate | |
| Ammonium Dichromate | (NH ₄) ₂ Cr ₂ O ₇ |
| Ammonium Fluoride | NH ₄ F |
| Ammonium Hydroxide | NH ₄ OH |
| Ammonium Metaphosphate | |
| Ammonium Nitrate | NH ₄ NO ₃ |
| Ammonium Oxalate | (NH ₄) ₂ (COO) ₂ · H ₂ O |
| Ammonium Persulfate | (NH ₄) ₂ S ₂ O ₈ |
| Ammonium Phosphate, Di-Basic | (NH ₄) ₂ HPO ₄ |
| Ammonium Phosphate, Monobasic | NH ₄ H ₂ PO ₄ |
| Ammonium Phosphate, Tri-Basic | (NH ₄) ₃ PO ₄ · 3H ₂ O |
| Ammonium Sulfate | (NH ₄) ₂ SO ₄ |
| Ammonium Sulfide | (NH ₄) ₂ S |
| Ammonium Sulfite | |
| Ammonium Thiocyanate | NH ₄ SCN |
| Ammonium Thiosulfate | |
| Amyl Acetate | |
| Amyl Alcohol | C ₅ H ₁₁ OH |
| Amyl Borate | (C ₅ H ₁₁) ₃ BO ₃ |
| Amyl Chloride | CH ₃ (CH ₂) ₄ Cl |
| Amyl Chloronaphthalene | |
| Amyl Naphthalene | |
| Amyl Phenol | |
| Amyl(1-Pentanol) | C ₅ H ₁₁ OH |
| Anilene | C ₆ H ₇ N |
| Anilene (High) | |
| Anilene (Low) | |
| Anilene (Very High) | |
| Anilene Dyes | |
| Anilene Hydrochloride | C ₆ H ₅ NH ₂ · HCl |
| Anilene (Medium) | |
| Animal Fats & Oil | |
| Animal Gelatin | |
| Anisole | C ₇ H ₈ O |
| Ansul Ether | |
| Anthraquinone | C ₁₄ H ₈ O ₂ |
| Anti-Freeze - Alcohol Base | |
| Anti-Freeze - Glycol Base | |
| Antimony Pentachloride | SbCl ₅ |
| Antimony Trichloride | SbCl ₃ |
| Aqua Regia | 3HCl+HNO ₃ |
| Aroclor | |
| Aromatic Hydrocarbons | |
| Aromatic Solvents(Benzene, etc) | |
| Arsenic Acid | H ₃ AsO ₄ |
| Arsenic Trichloride | AsCl ₃ |
| Ascorbic Acid | C ₆ H ₈ O ₆ |
| Askarel | |
| Asphalt | |
| Asphalt Topping | |

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| Aviation Gasoline | |
| Barbeque Sauce | |
| Barium Carbonate | BaCO ₃ |
| Barium Chloride Dihydrate | BaCl ₂ · 2H ₂ O |
| Barium Cyanide | |
| Barium Hydroxide (Barium Hydrate) | Ba(OH) ₂ |
| Barium Nitrate | Ba(NO ₃) ₂ |
| Barium Sulfate | BaSO ₄ |
| Barium Sulfide | BaS |
| Beef Extract | |
| Beer | |
| Beet Sugar Liquors | |
| Benzaldehyde | C ₆ H ₅ CHO |
| Benzene | C ₆ H ₆ |
| Benzene Sulfonic Acid | C ₆ H ₅ SO ₃ H |
| Benzoic Acid (Benzene Carboxylic Acid) | C ₆ H ₅ CO ₂ H |
| Benzol | C ₆ H ₆ |
| Benzoyl Chloride | C ₇ H ₇ Cl |
| Benzyl | C ₆ H ₅ CH ₂ OH |
| Benzyl Acetate | C ₆ H ₁₀ O ₂ |
| Benzyl Alcohol | C ₆ H ₅ CH ₂ OH |
| Benzyl Benzoate | C ₆ H ₅ CO ₂ CH ₂ C ₆ H ₅ |
| Benzyl Chloride | C ₆ H ₅ CH ₂ Cl |
| Benzyl Dichloride | |
| Biphenyl | C ₆ H ₅ C ₆ H ₅ |
| Bismuth Subcarbonate | |
| Black Sulfate Liquor | |
| Blast Furnace Gas | |
| Bleach Solutions | |
| Borax | Na ₂ B ₄ O ₇ · 10H ₂ O |
| Bordeaux Mixture | |
| Boric Acid | H ₃ BO ₃ |
| Brake Fluid(non-petroleum base) | |
| Brewery Slop | |
| Bromine Trifluoride | |
| Bromine Water | |
| Bromine-Anhydrous | |
| Bromobenzene | C ₆ H ₅ Br |
| Bromochloromethane | CH ₂ BrCl |
| Bromopropene (3-Bromopropene) | CH ₂ =CHCH ₂ Br |
| Bromotoluene | C ₇ H ₇ Br |
| Bronzing Liquid | |
| Bunker Oil (fuel)#5, #6, & C | |
| Butadiene | CH ₃ CH=C=CH ₂ |
| Butane(LPG) | CH ₃ (CH ₂) ₂ CH ₃ |
| Buttermilk | |
| Butter | |
| Butyl | CH ₃ (CH ₂) ₃ OH |
| Butyl Acetate | CH ₃ CO ₂ C ₄ H ₉ |
| Butyl Acetate (n-Butyl Acetate) | |
| Butyl Acetyl Ricinoleate | |

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| Butyl Acrylate | CH ₂ =CHCO ₂ C ₄ H ₉ |
| Butyl Alcohol | CH ₃ (CH ₂) ₃ OH |
| Butyl Amine | CH ₃ (CH ₂) ₃ Br |
| Butyl Benzoate | |
| Butyl Bromide | |
| Butyl Butyrate | |
| Butyl Carbitol | |
| Butyl Cellosolve | C ₄ H ₉ O(CH ₂) ₂ OH |
| Butyl Chloride | CH ₃ (CH ₂) ₃ Cl |
| Butyl Ether | [CH ₃ (CH ₂) ₃] ₂ O |
| Butyl Oleate | C ₁₇ H ₃₃ COOC ₄ H ₉ |
| Butyl Stearate | |
| Butylene | CH ₃ CH ₂ CH=CH ₂ |
| Butyraldehyde | CH ₃ CH ₂ CH ₂ CHO |
| Butyric Acid | CH ₃ CH ₂ CH ₂ CO ₂ H |
| Butyric Anhydride | C ₈ H ₁₄ O ₃ |
| Butyronitrile | |
| Calcium Acetate Hydrate | Ca(CH ₃ COO) ₂ · H ₂ O |
| Calcium Bisulfite | Ca(HCO ₃) ₂ |
| Calcium Carbonate(Chalk) | CaCO ₃ |
| Calcium Chlorate | Ca(ClO ₃) ₂ ·2H ₂ O |
| Calcium Chloride | CaCl ₂ |
| Calcium Hydrosulfide | |
| Calcium Hydroxide | Ca(OH) ₂ |
| Calcium Hypochlorite 20% | Ca(ClO) ₂ |
| Calcium Nitrate | CaNO ₃ ·4H ₂ O |
| Calcium Oxide | |
| Calcium Silicate | CaSiO ₃ |
| Calcium Sulfate | CaSO ₄ |
| Calcium Sulfide | CaS |
| Calcium Sulfite | |
| Calgon | |
| Cane Juice | |
| Cane sugar Liquors | |
| Capryl Alcohol | CH ₃ (CH ₂) ₇ OH |
| Caprylic Acid | CH ₃ (CH ₂) ₆ COOH |
| Carbamate | |
| Carbitol | HO(CO ₂) ₂ -O-(CH ₂) ₂ -OC ₂ H ₅ |
| Carbolic Acid | C ₆ H ₅ OH |
| Carbon Tetrachloride | CCl ₄ |
| Carbon Dioxide | CO ₂ |
| Carbon Disulfide | CS ₂ |
| Carbon Monoxide | CO |
| Carbonated Beverages | |
| Carbonic Acid(liquid) | H ₂ CO ₃ |
| Casein | |
| Castor Oil | |
| Cellosolve | C ₂ H ₅ O(CH ₂) ₂ OH |
| Cellulose Acetate | |
| Cellulube Hydraulic Fluids | (CH ₃ O) ₃ PO |
| Chlorinated Lime - 35% bleach | |

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| Chlorinated Water | |
| Chlorine - Dry | Cl ₂ |
| Chlorine Dioxide | ClO ₂ |
| Chlorine Trifluoride | ClF ₃ |
| Chlorine-Anhydrous Liquid | |
| Chlorine-Wet | |
| Chloroacetic Acid | CH ₂ ClCOOH |
| Chloroacetone | |
| Chlorobenzene | C ₆ H ₅ Cl |
| Chlorobromomethane | |
| Chlorobutadiene | |
| Chloroform | CHCl ₃ |
| Chloronaphthalene | |
| Chlorophenol(o-Chlorophenol) | |
| Chloropropene (3-Chloropropene) | CH ₂ =CHCH ₂ Cl |
| Chlorosulfonic Acid | SO ₂ Cl(OH) |
| Chloroethene(Chlorinated Solvents) | |
| Chlorotrifluoroethylene | |
| Chlorox | |
| Chocolate Syrup | |
| Chromic Acid - To 25% | |
| Chromic Acid- Over 25% | |
| Cider | |
| Cinnamon Oil | |
| Citric Acid | (HO)C(CH ₂) ₂ (COOH) ₃ H ₂ O |
| Citric Oils | |
| Citrus Pectin Liquor | |
| Clove Oil | |
| Cobalt Chloride | CoCl ₂ · 6H ₂ O |
| Coconut Oil | |
| Cod Liver Oil | |
| Coffee | |
| Coke Oven Gas | |
| Com Oil | |
| Copper Acetate | Cu(CH ₃ COO) ₂ · H ₂ O |
| Copper Chloride | CuCl ₂ |
| Copper Cyanide | CuCN |
| Copper Fluoroborate | |
| Copper Nitrate Hexahydrate | |
| Copper Sulfate | CuSO ₄ |
| Copper Sulfide | |
| Cotton Seed Oil | |
| Cream | |
| Creosote, Coal-Tar | |
| Creosote, Wood - Tar | |
| Cresylic Acid | CH ₃ C ₆ H ₄ OH |
| Crotonaldehyde | CH ₃ .CH=CH.CHO |
| Cumene | C ₆ H ₅ CH(CH ₃) |
| Cutting Oil (sulfur base) | |
| Cutting Oil (water soluble) | |
| Cyclohexane | C ₆ H ₁₂ |

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| Cyclohexanol | C ₆ H ₁₁ OH |
| Cyclohexanone | C ₆ H ₁₀ O |
| Cyclopentane | C ₅ H ₁₀ |
| Cymene | |
| Decahydronaphthalene | |
| Decanal | C ₁₀ H ₂₀ O |
| Decane | CH ₃ (CH ₂) ₈ CH ₃ |
| Decyl Alcohol | C ₁₀ H ₂₀ O |
| Denatured Alcohol | |
| Detergent Solutions | |
| Developing Fluids & Solutions | |
| Dextrose | C ₆ H ₁₂ O ₆ |
| Diacetone | (CH ₃) ₂ C(OH)CH ₂ -COCH ₃ |
| Diacetone Alcohol | (CH ₃)C(OH)CH ₂ -COCH ₃ |
| Dibenzyl Ether | C ₆ H ₅ CH ₂ OCH ₂ C ₆ H ₅ |
| Dibenzyl Sebecate | |
| Dibutyl Amine | (C ₄ H ₉) ₂ NH |
| Dibutyl Phthalate(DBP) | C ₆ H ₄ (COOC ₄ H ₉) ₂ |
| Dibutyl Sebacate(DBS) | H ₉ C ₄ OOC-(CH ₂) ₈ -COOC ₄ H ₉ |
| Dichlohexylamine | |
| Dichloro Isopropyl Ether | Cl-CH ₂ -CH-O-CH-CH ₂ -Cl |
| Dichloroacetic Acid | |
| Dichlorobenzene (o-Dichlorobenzene) | C ₆ H ₄ Cl ₂ |
| Dichlorobutane | Cl(CH ₂) ₄ Cl |
| Dichloroethyl Ether | ClCH ₂ CH ₂ OCH ₂ CH ₂ Cl |
| Diesel Oil (Fuel ASTM #2) | |
| Diester Synthetic Oils | |
| Diethanol Amine | |
| Diethylene Ether | C ₄ H ₈ O ₂ |
| Diethyl Amine | (C ₂ H ₅) ₂ NH |
| Diethyl Benzene | |
| Diethyl Carbonate | |
| Diethyl Ether | C ₂ H ₅ OC ₂ H ₅ |
| Diethyl Sebecate | |
| Diethylene Glycol(DEG) | HO(CH ₂ CH ₂ O) ₂ H |
| Diethylene Triamine | |
| Diisobutyl Ketone | [(CH ₃) ₂ CHCH ₂] ₂ CO |
| Diisobutylene | C ₈ H ₁₆ |
| Diisodecyl Adicate(DIDA) | (CH ₂) ₄ (COOC ₁₀ H ₂₁) ₂ |
| Diisodecyl Phthalate(DIDP) | C ₆ H ₄ (COOC ₁₀ H ₂₁) ₂ |
| Diisooctyl Adipate(DIOA) | |
| Diisooctyl Phthalate(DIOP) | |
| Diisooctyl Sebecate(DIOS) | |
| Diisopropyl Amine | [(CH ₃) ₂ CH] ₂ NH |
| Diisopropyl Benzene | |
| Diisopropyl Ketone | [(CH ₃) ₂ CH] ₂ CO |
| Dimethyl Ether | CH ₃ OCH ₃ |
| Dimethyl Formamide (N, N-Dimethyl Formamide(DMF)) | HCON(CH ₃) ₂ |
| Dimethyl Phthalate | C ₆ H ₄ (COOCH ₃) ₂ |
| Dimethyl Sulfate | (CH ₃) ₂ SO ₄ |
| Dimethyl Sulfide | C ₇ H ₆ N ₂ O ₄ |

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| Dimethylaniline (N, N-Dimethylaniline) | C6H11N |
| Dinitrotoluene(DNT) | |
| Diethyl Phtahalate(DOP) | C6H4(COOC8H17)2 |
| Diethyl Sebacate(DOS) | C8H17OOC(CH2)8COOC8H17 |
| Dioxolanes | |
| Dipentene | C10H16 |
| Diphenyl Oxides | C6H5OC6H5 |
| Dipropyl Ketone | |
| Dipropylamine | |
| Dipropylene Glycol | |
| Dispersing Oil #10 | |
| Divinyl Benzene(DVB) | C10H10 |
| Dodecyl Benzene | C12H25 |
| Dow Coming | |
| Dowtherm | |
| Drycleaning Fluids | |
| Dyes | |
| Ethyl Silicate | |
| Epichlorohydrin | CH2-CH-CH2Cl |
| Epsom Salts | MgSO4-7H2O |
| Ethane | C2H6 |
| Ethanol | C2H5OH |
| Ethanolamine | H2NCH2CH2OH |
| Ethyl Acetate | CH3COOC2H5 |
| Ethyl Acetoacetate | CH3CO-CH2COOC2H5 |
| Ethyl Acrylate | H2CCH-COOC2H5 |
| Ethyl Aluminum Dichloride | (C2H5)AlCl2 |
| Ethyl Amine | C2H5NH2 |
| Ethyl Benzene | C6H5C2H5 |
| Ethyl Benzoate | |
| Ethyl Bromide | C2H5Br |
| Ethyl Bromide | C2H5Br |
| Ethyl Butyl Acetate | |
| Ethyl Butyl Alcohol | |
| Ethyl Butyl Ketone | |
| Ethyl Butyraldehyde | |
| Ethyl Butyrate | C6H12O2 |
| Ethyl Caprylate | C10H20O2 |
| Ethyl Cellosolve | |
| Ethyl Cellulose | |
| Ethyl Chloride | C2H5Cl |
| Ethyl Chlorocarbonate | C2H5OCOCi |
| Ethyl Cyanide | CH3CH2CN |
| Ethyl Formate | HCOOC2H5 |
| Ethyl Isobutyrate | |
| Ethyl Iodide | C2H5I |
| Ethyl Mercaptan | C2H5-SH |
| Ethyl Oxalate | (CO2C2H5)2 |
| Ethyl Pentachlorobenzene | |
| Ethyl Propionate | C6H10O2 |
| Ethyl Sulfate | |

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| Ethylene | C ₂ H ₄ |
| Ethylene Chlorohydrin | ClCH ₂ -CH ₂ OH |
| Ethylene Diamine | NH ₂ CH ₂ CH ₂ NH ₂ |
| Ethylene Dibromide | C ₂ H ₄ Br ₂ |
| Ethylene Dichloride (Dutch Oil) | |
| Ethylene Glycol Monobutyl Ether | C ₄ H ₉ OCH ₂ CH ₂ OH |
| Ethylene Glycol Monobutyl Ether Acetate | |
| Ethylene Glycol Monomethyl Ether | |
| Ethylene Glycol (Ethylene Alcohol) | HOCH ₂ -CH ₂ OH |
| Ethylene Oxide | |
| Ethylene Trichloride | ClCH=CCl ₂ |
| Ethylhexyl Acetate | |
| Ethylhexyl Alcohol | CH ₃ (CH ₂) ₃ CH(C ₂ H ₅)CH ₂ OH |
| Ethylidene Chloride | ClCH ₂ CH ₂ Cl |
| Fatty Acids | RCOOH |
| Ferric Chloride | FeCl ₃ |
| Ferric Hydroxide | Fe(OH) ₃ |
| Ferric Nitrate | Fe(NO ₃) ₃ ·9H ₂ O |
| Ferric Sulfate | Fe ₂ S ₃ |
| Ferrous Chloride | FeCl ₂ · 4H ₂ O |
| Ferrous Sulfate | FeSO ₄ |
| Fish Oil | |
| Fluoboric Acid | HBF ₄ |
| Fluorine(Liquid) | F ₂ |
| Fluorobenzene | |
| Fluorolube(Fluorocarbon Oils) | |
| Fluosilicic Acid | H ₂ SiF ₆ |
| Formaldehyde | HCHO |
| Formamide | CN ₂ H ₃ O |
| Formic Acid | HCOOH |
| Freon 11(Trichlorofluoromethane) | CCl ₃ F |
| Freon 113(Trichlorotrifluoroethane) | CClF ₂ -CClF ₂ |
| Freon 114(Dichlorotetrafluoroethane) | CClF ₂ -CClF ₂ |
| Freon 114B2(Dibromotetrafluoroethane) | |
| Freon 115(Chloropentafluoroethane) | |
| Freon 12(Dichlorofluoromethane) | CCl ₂ F ₂ |
| Freon 13(Chlorofluoromethane) | |
| Freon 13B1(Bromotrifluoromethane) | |
| Freon 14(Tetrafluoromethane) | |
| Freon 21(Dichlorofluoromethane) | CHCl ₂ F |
| Freon 22(Chlorofluoromethane) | CHClF ₂ |
| Fruit Juices | |
| Fuel Oils(ASTM #1 thru #9) | |
| Fumaric Acid | C ₄ H ₄ O ₄ |
| Fural | C ₄ H ₃ O · CHO |
| Furfural(Ant Oil) | |
| Furfuryl Alcohol | |
| Fusel Oil | |
| Gallic Acid | |
| Gasoline | |
| Gasoline | |

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| Gelatin | |
| Ginger Oil | |
| Glauber's Salt | Na ₂ SO ₄ · 10H ₂ O |
| Gluconic Acid | C ₆ H ₁₀ O ₆ |
| Glucose | C ₆ H ₁₂ O ₆ |
| Glue | |
| Glycerol | C ₃ H ₅ (OH) ₃ |
| Glycolic Acid | CH ₂ (OH)COOH |
| Glycols | |
| Gold Monocyanide | |
| Grape Juice | |
| Grapefruit Oil | |
| Grease | |
| Green Sulfate Liquor | |
| Halowax Oil | |
| Heptane | |
| Heptanol | |
| Hexalin | C ₆ H ₁₁ OH |
| Hexanol | CH ₃ (CH ₂) ₄ CHO |
| Hexy Alcohol(1-Hexanol) | |
| Hexyl(1-Hexanol) | CH ₃ (CH ₂) ₅ OH |
| Hexylene Glycol | (CH ₃) ₂ C(OH)CH ₂ CH(OH)CH ₃ |
| Honey | |
| Hydraulic Oil (petroleum base) | |
| Hydrazine | H ₂ N-NH ₂ |
| Hydrobromic Acid | HBr |
| Hydrochloric Acid 10% | HCl |
| Hydrochloric Acid 20% | HCl |
| Hydrochloric Acid 30%(Conc.) | HCl |
| Hydrocyanic Acid | HCN |
| Hydrofluoric Acid(Conc.) Cold | HF |
| Hydrogen Fluoride | HF |
| Hydrogen Peroxide 10% | H ₂ O ₂ |
| Hydrogen Peroxide 3% | H ₂ O ₂ |
| Hydrogen Peroxide 30% | H ₂ O ₂ |
| Hydrogen Peroxide 90% | H ₂ O ₂ |
| Hydrogen Sulfide(Wet) | H ₂ S |
| Hydroquinone | |
| Hydroxyacetic Acid-10% | |
| Hypochlorous Acid | HClO |
| Idoform | |
| Ink (Water based) | |
| Iodine | I ₂ |
| Isoamyl Acetate | C ₇ H ₁₄ O ₂ |
| Isoamyl Alcohol | C ₅ H ₁₀ OH |
| Isoamyl Butyrate | C ₉ H ₁₈ O ₂ |
| Isoamyl Chloride | |
| Isobutanol | (CH ₃) ₂ CHCH ₂ OH |
| Isobutyl Acetate | |
| Isobutyl Alcohol | (CH ₃) ₂ CHCH ₂ OH |
| Isobutyl Amine | |

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| Isobutyl Chloride | |
| Isobutyl (2-Methyl-1-Propanol) | $(\text{CH}_3)_2\text{CHCH}_2\text{OH}$ |
| Isobutyric Acid | $\text{C}_4\text{H}_8\text{O}_2$ |
| Isododecane | $\text{C}_{12}\text{H}_{26}$ |
| Isooctane | C_8H_{18} |
| Isopentane | |
| Isophorone | $\text{C}_4\text{H}_{14}\text{O}$ |
| Isopropyl(2-Propanol) | $(\text{CH}_3)_2\text{CHOH}$ |
| Isopropyl Acetate | $\text{CH}_3\text{COOCH}(\text{CH}_3)_2$ |
| Isopropyl Alcohol | $(\text{CH}_3)_2\text{CHOH}$ |
| Isopropyl Amine | $(\text{CH}_3)_2\text{CHNH}_2$ |
| Isopropyl Chloride | $(\text{CH}_3)_2\text{CHCl}$ |
| Isopropyl Ether | $(\text{CH}_3)_2\text{CH-O}-(\text{CH}_3)_2$ |
| Jet Fuels (JP1 to JP6)(ASTM-A,AI&B) | |
| Kerosine | |
| Ketchup | |
| Lactic Acid | $\text{CH}_3\text{CH}(\text{OH})\text{COOH}$ |
| Lactol(Aliphatic Naptha Solvent) | |
| Laquer Solvents | |
| Laquers | |
| Lard (Lard Oil) | |
| Latex | |
| Lauryl Alcohol(n-Dodecanol) | $\text{CH}_3(\text{CH}_2)_{10}\text{CH}_2\text{OH}$ |
| Lavender Oil | |
| Lead Acetate | $\text{Pb}(\text{CH}_3\text{COO})_2 \cdot 3\text{H}_2\text{O}$ |
| Lead Chloride | PbCl_2 |
| Lead Nitrate | $\text{Pb}(\text{NO}_3)_2$ |
| Lead Sulfamate | |
| Lemon Oil (Cedro Oil) | |
| Lignin Liquor | |
| Ligroin(Ligroine) (Benzine) | |
| Lime Bleach | |
| Lime Slurries | |
| Lime Sulfur | |
| Lime, Soda | |
| Limonene | $\text{C}_{10}\text{H}_{16}$ |
| Lindol(Tritolyl Phosphate) | |
| Linolenic Acid | $\text{CH}_3(\text{CH}=\text{CH}-\text{CH}_2)_3(\text{CH}_2)_7\text{COOH}$ |
| Linseed Oil(Flaxseed Oil) | |
| Litnium Bromide | LiBr |
| Lubricating Oils (petroleum) | |
| Lye(Potassium Hydroxide) | |
| Magnesium Carbonate | MgCO_3 |
| Magnesium Chloride | $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$ |
| Magnesium Hydroxide | $\text{Mg}(\text{OH})_2$ |
| Magnesium Nitrate | $\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$ |
| Magnesium Oxide | MgO |
| Magnesium Sulfate | MgSO_4 |
| Maleic Acid | $(\text{CHCOOH})_2$ |
| Maleic Anhydride | $\text{C}_4\text{H}_2\text{O}_2$ |
| Malic Acid | $\text{HOOCCH}_2\text{CH}(\text{OH})\text{COOH}$ |

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|----------------------------------|---|
| Maple Sugar Liquors | |
| Mayonnaise | |
| Mercuric Chloride | HgCl ₂ |
| Mercuric Cyanide | Hg(CN) ₂ |
| Mercurous Nitrate | Hg ₂ (NO ₃) ₂ ·2H ₂ O |
| Mercury | Hg |
| Mesityl Oxide | |
| Methane | CH ₄ |
| Methacrylic Acid | |
| Methyl | CH ₃ OH |
| Methyl Acetate | CH ₃ COOCH ₃ |
| Methyl Acetoacetate | CH ₃ COCH ₂ COOCH ₃ |
| Methyl Acrylate | CH ₂ CHCOOH ₃ |
| Methyl Acrylic Acid | CH ₃ CH=CHCOOH |
| Methyl Alcohol (Methanol) | CH ₃ OH |
| Methyl Amine | CH ₃ NH ₂ |
| Methyl Amyl Acetate | |
| Methyl Amyl Alcohol | (CH ₃) ₂ CHCH ₂ CH(OH)CH ₃ |
| Methyl Aniline | C ₇ H ₉ N |
| Methyl Bromide | CH ₃ Br |
| Methyl Butyl Ketone (2-hexanone) | |
| Methyl Butyrate | |
| Methyl Cellosolve | HOCH ₂ CH ₂ OCH ₃ |
| Methyl Chloride | CH ₃ Cl |
| Methyl Cyclopentane | |
| Methyl Dichloride | |
| Methyl Ethyl Ketone | CH ₃ -CO-C ₂ H ₅ |
| Methyl Formate | |
| Methyl Hexane | |
| Methyl Isobutyl Ketone (Hexone) | (CH ₃) ₂ CHCH ₂ -COCH ₃ |
| Methyl Isopropyl Ketone | (CH ₃) ₂ CHCOCH ₃ |
| Methyl Iodide | |
| Methyl Methacrylate | CH ₂ C(CH ₃)-COOCH ₃ |
| Methyl Oleate | |
| Methyl Propyl Ketone | |
| Methyl Salicylate | |
| Methylamine | |
| Methylene Bromide | CH ₂ Br ₂ |
| Methylene Chloride | CH ₂ Cl ₂ |
| Milk | |
| Mine Water | |
| Mineral Oil (petroleum) | |
| Mixed Acids | |
| Molasses | |
| Monochloroacetone | |
| Monochlorobenzene | C ₆ H ₅ Cl |
| Monoethanolamine | H ₂ NCH ₂ CH ₂ OH |
| Monomethylether | |
| Monovinyl Acetylene | CH ₂ =CHOCOOCH ₃ |
| Mustard | |
| n-Amyl Amine(1-Aminopentane) | |

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|--------------------------------|---|
| Naphtha | |
| Naphtha Coal Tar (Benzol) | |
| Naphthalene | C ₁₀ H ₈ |
| Naphthoic Acid | C ₁₁ H ₈ O ₂ |
| Neatsfoot Oil | |
| Neohexane (2.2-dimethylbutane) | |
| Neosol | |
| Neville Acid | |
| n-Hexane | CH ₃ (CH ₂) ₄ CH ₃ |
| n-Hexane 1 | |
| Nickel Acetate | (CH ₃ CO ₂) ₂ Ni |
| Nickel Chloride | NiCl ₂ |
| Nickel Nitrate | Ni(NO ₃) ₂ ·6H ₂ O |
| Nickel Sulfate | NiSO ₄ ·6H ₂ O |
| Nitrana (Ammonia Fertilizer) | |
| Nitric Acid (Concentrated) | HNO ₃ |
| Nitric Acid 10% | HNO ₃ |
| Nitric Acid 25% | HNO ₃ |
| Nitric Acid 35% | HNO ₃ |
| Nitric Acid 50% | HNO ₃ |
| Nitric Acid 70% | HNO ₃ |
| Nitrobenzene | C ₆ H ₅ NO ₂ |
| Nitroethane | CH ₃ CH ₂ NO ₂ |
| Nitrogen Tetroxide | |
| Nitromethane | CH ₃ NO ₂ |
| Nitropropane (1-Nitropropane) | CH ₃ CH ₂ CH ₂ NO ₂ |
| N-Methyl Aniline | |
| n-Octane | |
| n-Propyl Acetate | CH ₃ CO ₂ C ₃ H ₇ |
| n-Propyl Nitrate | |
| Octachlorotoluene | |
| Octadecane | |
| Octyl | CH ₃ (CH ₂) ₇ OH |
| Octyl Acetate | |
| o-Dichlorobenzene | C ₆ H ₄ Cl ₂ |
| Oleic Acid (Red Oil) | |
| Olein | |
| Oleum(Fuming sulfuric acid) | H ₂ SO ₄ +SO ₃ |
| Olive Oil | |
| Oxalic Acid | HO ₂ CCOOH |
| Ozone | O ₃ |
| Paint Thinner, DUCO | |
| Paints & Solvents | |
| Palm Oil | |
| Palmitic Acid | C ₁₅ H ₃₁ COOH |
| Paraffins | |
| Paraformaldehyde | HO(CH ₂ O) _n H |
| Paraldehyde | (CH ₃ CHO) ₃ |
| Peanut Oil | |
| Pentachlorethane | |
| Pentachlorophenol(PCP) | |

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|-----------------------------------|---|
| Pentane | C ₅ H ₁₂ |
| Peppermint Oil | |
| Perchloric Acid | HClO ₄ |
| Perchloroethylene | Cl ₂ C=CCl ₂ |
| Petroleum Oil(Crude Oil)(Sour) | |
| Phenethyl Alcohol | C ₈ H ₁₀ O |
| Phenol | C ₆ H ₅ OH |
| Phenol Sulfonic Acid | C ₆ H ₆ O ₄ S |
| Phenyl Acetate | |
| Phenyl Ethyl Ether | C ₈ H ₁₀ O |
| Phenylbenzene | C ₁₂ H ₁₀ |
| Phenyl Hydrazine | C ₆ H ₅ NHNH ₂ |
| Phorone(Diisopropylidene Acetone) | |
| Phosphoric Acid 10% | |
| Phosphoric Acid 20% | |
| Phosphoric Acid 50% | |
| Phosphorus Oxychloride | POCl ₃ |
| Phosphorus Trichloride | PCl ₃ |
| Photographic Developer | |
| Pickling Solutions | |
| Picric Acid | C ₆ H ₂ (OH)(NO ₂) ₃ |
| Pinene | |
| Piperidine | C ₅ H ₁₁ N |
| Plating Solutions Cadmium | |
| Plating Solutions Chrome | |
| Plating Solutions Lead | |
| Plating Solutions Others | |
| Polyvinyl Acetate Emulsion | |
| Potassium Acetate | CH ₃ CO ₂ K |
| Potassium Bicarbonate | KHCO ₃ |
| Potassium Bisulfate | KHSO ₄ |
| Potassium Bisulfite | |
| Potassium Bromide | KBr |
| Potassium Carbonate (Potash) | K ₂ CO ₃ |
| Potassium Chlorate | KClO ₃ |
| Potassium Chloride | KCl |
| Potassium Chromate | K ₂ CrO ₄ |
| Potassium Copper Cyanide | K ₃ [Cu(CN) ₄] |
| Potassium Cyanide | KCN |
| Potassium Dichromate | K ₂ Cr ₂ O ₇ |
| Potassium Hydroxide (Lye) | KOH |
| Potassium Iodide | KI |
| Potassium Nitrate | KNO ₃ |
| Potassium Nitrite | KNO ₂ |
| Potassium Permanganate | KMnO ₄ |
| Potassium Phosphate | K ₃ PO ₄ · O-3H ₂ O |
| Potassium Silicate | K ₂ O · nSiO ₂ |
| Potassium Sulfate | K ₂ SO ₄ |
| Potassium Sulfide | |
| Potassium Sulfite | K ₂ SO ₃ |
| Propane(LPG) | CH ₃ CH ₂ CH ₃ |

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| Propionaldehyde (Propanol) | CH ₃ CH ₂ CH ₂ OH |
| Propionic Acid | CH ₃ CH ₂ COOH |
| Propyl Alcohol (1-Propanol) | C ₃ H ₇ OH |
| Propylene | CH ₃ CH=CH ₂ |
| Propylene Dichloride | CH ₃ CHClCH ₂ Cl |
| Propylene Glycol | CH ₃ CH(OH)CH ₂ OH |
| Propylene Oxide | |
| Proryl | (CH ₃) ₂ CHOH |
| Pydraul (Phosphate Ester Base Fluid) | |
| Pyranol | |
| Pyridine | C ₅ H ₅ N |
| Pyroligneous Acid (Wood Vinegar) | |
| Pyrrole | |
| Quaternary Ammonium Salts | |
| Rape-Seed Oil | |
| Red Fuming | |
| Rose Oil | |
| Rosin | |
| Rosin Oil | |
| Rotenone | C ₂₃ H ₂₂ O ₆ |
| Rubber Latex Emulsions | |
| Rubber Solvents (Petroleum Distillate) | |
| Rum | |
| Rust Inhibitors | |
| Sal Ammoniac | NH ₄ Cl |
| Sal Soda | |
| Salad Dressing | |
| Salicylic Acid | C ₆ H ₄ (OH)(CO ₂ H) |
| Salt Water(Brine) | |
| Sea Water | |
| Sesame Seed Oil | |
| Sewage | |
| Silicate Esters | |
| Silicoe Oils (Veresilube, etc) | |
| Silver Cyanide | AgCN |
| Silver Nitrate | AgNO ₃ |
| Skydrol Hydraulic Fluid (Phosphate Ester Base) | |
| Soap Solutions | |
| Soda Ash | |
| Sodium Hexametaphosphate | (NaPO ₃) _n P ₂ O ₅ |
| Sodium Acetate | CH ₃ CO ₂ Na |
| Sodium Aluminate | NaAlO ₂ |
| Sodium Bicarbonate | NaHCO ₃ |
| Sodium Bisulfite | NaHSO ₃ |
| Sodium Bisulfite | NaHSO ₃ |
| Sodium Borate | Na ₂ B ₄ O ₇ ·10H ₂ O |
| Sodium Bromide | NaBr |
| Sodium Chlorate | NaClO ₃ |
| Sodium Chloride | NaCl |
| Sodium Chromate | Na ₂ CrO ₄ · 4H ₂ O |
| Sodium Cyanide | NaCN |

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| Sodium Dichromate | $\text{Na}_2\text{Cr}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$ |
| Sodium Fluoride | NaF |
| Sodium Hydroxide (Lye) | NaOH |
| Sodium Hydroxide (Lye) | NaOH |
| Sodium Hypochlorite | NaClO |
| Sodium Metaphosphate | |
| Sodium Metasilicate | Na_2SiO_3 |
| Sodium Nitrate | NaNO_3 |
| Sodium Nitrite | NaNO_2 |
| Sodium Perborate | $\text{NaBO}_3 \cdot 4\text{H}_2\text{O}$ |
| Sodium Peroxide | Na_2O_2 |
| Sodium Phosphate (Tribasic) | Na_3PO_4 |
| Sodium Silicates | $\text{Na}_2\text{O} \cdot n\text{SiO}_2 \cdot n\text{H}_2\text{O}$ |
| Sodium Sulfate (Salt Cake) | Na_2SO_4 |
| Sodium Sulfide | Na_2S |
| Sodium Sulfite | Na_2SO_3 |
| Sodium Tetraborate | $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ |
| Sodium Thiosulfate | $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$ |
| Sorghum | |
| Soy Sauce | |
| Soybean Oil | |
| Sperm Oil(Whale Oil) | |
| Stannic Chloride | SnCl_4 |
| Stannous Chloride | SnCl_2 |
| Starch | $(\text{C}_6\text{H}_{10}\text{O}_5)_n$ |
| Stearic Acid | $\text{CH}_3(\text{CH}_2)_{16}\text{COOH}$ |
| Stoddard Solvent | |
| Styrene | $\text{C}_6\text{H}_5\text{CH}=\text{CH}_2$ |
| Sucrose Solution | |
| Sulfamic Acid | HSO_3NH_2 |
| Sulfite Liquors | |
| Sulfur | S |
| Sulfur Chloride | S_2Cl_2 |
| Sulfur Dioxide | SO_2 |
| Sulfur Hexafluoride | SF_6 |
| Sulfur Trioxide | SO_3 |
| Sulfuric Acid 10% | H_2SO_4 |
| Sulfuric Acid 25% | H_2SO_4 |
| Sulfuric Acid 50% | H_2SO_4 |
| Sulfuric Acid 60% | H_2SO_4 |
| Sulfuric Acid 75% | H_2SO_4 |
| Sulfuric Acid 95% | H_2SO_4 |
| Sulfuric Acid Concentrated | |
| Sulfuric Acid Fuming | |
| Sulfurous Acid | H_2SO_3 |
| Tall Oil | |
| Tallow | |
| Tannic Acid | $\text{C}_76\text{H}_52\text{O}_{46}$ |
| Tanning Liquors | |
| Tar,Bituminuous (Coai Tar) | |
| Tartaric Acid | $\text{CH}(\text{OH})\text{COOH}$ |

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| Terpenes | |
| Terpineol | C ₁₀ H ₁₈ O |
| Tertiary Butyl Alcohol | (CH ₃) ₃ C(OH) |
| Tertiary Butyl Catechol | C ₆ H ₃ (OH) ₂ C(CH ₃) ₃ |
| Tertiary Butyl Mercaptan | |
| Tetra Bromoethane | C ₂ H ₂ Br ₄ |
| Tetrabutyl Titanate | Ti(O-nC ₄ H ₉) ₄ |
| Tetrachlorodifluoroethane | |
| Tetrachloroethene | Cl ₂ CHCHCl ₂ |
| Tetrachloroethylene | Cl ₂ C=CCl ₂ |
| Tetraethyl Lead | Pb(C ₂ H ₅) ₄ |
| Tetraethylene Glycol (TEG) | |
| Tetrahydrofuran (THF) | |
| Tetrahydronaphthalene | C ₁₀ H ₁₂ |
| Thionyl Chloride | SOCl ₂ |
| Thiophene | |
| Titanium Tetrachloride | TiCl ₄ |
| Toluene | C ₆ H ₅ CH ₃ |
| Toluene Diisocyanate | C ₉ H ₆ O ₂ N ₂ |
| Toluidine | C ₇ H ₉ N |
| Tomato Pulp & Juice | |
| Toothpaste | |
| Transformer Oil (Petroleum) | |
| Transmission Fluid (Type A) | |
| Triacetin | C ₃ H ₅ O ₃ (COCH ₃) ₃ |
| Triallyl Phosphate | |
| Triaryl Phosphate | |
| Tributoxyl Ethyl Phosphate | |
| Tributyl Mercaptan | |
| Tributyl Phosphate | (C ₄ H ₉ O) ₃ PO |
| Trichloroacetic Acid (TCA) | Cl ₃ C · COOH |
| Trichlorobenzenes | C ₆ H ₃ Cl ₃ |
| Trichloroethane | ClCH=CCl ₂ |
| Trichloroethylene (Ex-Tri)(Hi-Tri) | ClHC=CCl ₂ |
| Trichloropropane | |
| Tricresyl Phosphate (Lindol) | (CH ₃ C ₆ H ₄ O) ₃ PO |
| Tridecyl Alcohol | |
| Triethanol Amine(TEA) | N(CH ₂ CH ₂ OH) ₃ |
| Triethyl Aluminum (ATE) | |
| Triethyl Amine | (C ₂ H ₅) ₃ N |
| Triethyl Brate | (CH ₃ O) ₃ B |
| Triethylene Glycol (TEG) | HO(CH ₂ CH ₂ O) ₃ H |
| Trimethylene Glyco I | |
| Trinitrotoluene (TNT) | C ₇ H ₅ O ₆ N ₃ |
| Trioctyl Phosphate (TOP) | (C ₈ H ₁₇ O) ₃ PO |
| Tung Oil (Wood Oil) | |
| Turpentine | |
| Unsymmetrical Dimethyl Hydrazine (UDMH) | (CH ₃) ₂ N · NH ₂ |
| Urea | CO(NH ₂) ₂ |
| Urine | |
| Valeric Acid | |

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|--------------------------------|--|
| Vamish | |
| Vanilla Extract | C ₈ H ₈ O ₃ |
| Vegetable Juices | |
| Vegetable Oils | |
| Vinegar | |
| Vinyl Acetate | CH ₃ COOCH=CH ₂ |
| Vinyl Chloride | C ₂ H ₃ Cl |
| Walnut Oil | |
| Water Distilled | |
| Water Fresh | |
| Waxes | |
| Weed Killers | |
| Whisky | |
| White Oil (Mineral)(Petroleum) | |
| White Sulfate Liquor | |
| Wines | |
| Wort,Distillery | |
| Xylene | |
| Xylidines | C ₈ H ₁₁ N |
| Zeolite | Me ₂ /nO · Al ₂ O ₃ · xSiO ₂ · yH ₂ O |
| Zinc Acetate | (Ch ₃ COO ₂ Z _n · 2H ₂ O |
| Zinc Carbonate | ZnCO ₃ |
| Zinc Chloride | ZnCl ₂ |
| Zinc Hydrosulfite | |
| Zinc Sulfate | ZnSO ₄ |
| | |