

Chemical	Concentration	20°C	60°C
Acetaldehyde	100%	L	NS
Acetanilide		S	S
Acetic acid	10%	S	S
Acetic acid	60%	S	L
Acetic acid, glacial	Greater than 96%	L	NS
Acetic anhydride	100%	L	NS
Acetone	100%	L	NS
Acrylnitrile		S	S
Acetylsilicacid		S	S
Adipic acid	Sat. sol	S	S
After shave		NS	NS
Aliphatic hydrocarbons		L	NS
Allyl acetate		S	L
Allyl alcohol	100%	L	NS
Allyl alcohol	96%	S	S
Allyl chloride		L	NS
Aluminium chloride	Sat. sol	S	S
Aluminium fluoride	Sat. sol	S	S
Aluminium hydroxide	Sat. sol	S	S
Aluminium nitrate	Sat. sol	S	S
Aluminium oxychloride	Sat. sol	S	S
Al/potassium sulphate	Sat. sol	S	S

Aluminium sulphate	Sat. sol	S	S
Alums	Sol	S	S
Aminobenzoic acid		S	S
Ammonia, dry gas	100%	S	S
Ammonia, liquid	100%	L	L
Ammonia, aqueous	Dil. Sol	S	S
Ammonium acetate		S	S
Ammonium carbonate	Sat. sol	S	S
Ammonium chloride	Sat. sol	S	S
Ammonium fluoride	Sol	S	S
Ammonium hexafluorosilicate	Sat. sol	S	S
Ammonium hydrogen carbonate	Sat. sol	S	S
Ammonium hydroxide	10%	S	S
Ammonium hydroxide	30%	S	S
Ammonium metaphosphate	Sat. sol	S	S
Ammonium nitrate	Sat. sol	S	S
Ammonium oxalate	Sat. sol	S	S
Ammonium phosphate	Sat. sol	S	S
Ammonium persulphate	Sat. sol	S	S
Ammonium sulphate	Sat. sol	S	S
Ammonium sulphide	Sol	S	S
Ammonium thiocyanate	Sat. sol	S	S
Amyl acetate	100%	NS	NS

Amyl alcohol	100%	L	L
Amyl chloride	100%	NS	NS
Amyl phthalate		L	L
Aniline	100%	NS	NS
Anilinchlorohydrate		L	
Antimony (III)chloride	90%	S	S
Antimony (III)chloride	Sat. sol	S	S
Antimony trichloride	Sol	S	S
Apple juice	Sol	S	L
Aqua regia	HCl/HNO ₃ =3/1	NS	NS
Aromatic hydrocarbons		NS	NS
Arcenic acid	Sat. sol	S	S
Asorbic acid	10%	S	S
Barium bromide	Sat. sol	S	S
Barium carbonate	Sat. sol	S	S
Barium chloride	Sat. sol	S	S
Barium hydroxide	Sat. sol	S	S
Barium sulphate	Sat. sol	S	S
Barium sulphide	Sat. sol	S	S
Beer		S	S
Benzaldehyde	100%	L	NS
Benzene	100%	NS	NS
Benzoic acid	Sat. sol	S	S

Benzoylchloride		S	L
Benzyl alcohol		S	L
Benzylsulphonic acid	10%	S	S
Bismuth carbonate	Sat. sol	S	S
Bitumen		S	L
Bleach lye	10%	S	S
Borax	Sat. sol	S	S
Boric acid	Sat. sol	S	S
Boron trifluoride		L	NS
Brake fluid		L	NS
Brine		S	S
Bromine, dry gas	100%	NS	NS
Bromine, liquid	100%	NS	NS
Bromoform	100%	NS	NS
Butandiol	10%	S	S
Butandiol	60%	S	S
Butandiol	100%	S	S
Butane, gas	100%	S	S
Butanol	100%	S	L
Butter		S	S
Butyl acetate	100%	S	L
Butyl alcohol	100%	S	S
Butyl chloride	100%	S	

Butylene glycol	10%	S	S
Butylene glycol	60%	S	S
Butylene glycol	100%	S	S
Butyraldehyde		S	L
Butyric acid	100%	L	L
Calcium arsenate		S	S
Calcium benzoate		S	S
Calcium bisulphide		S	S
Calcium bromate	10%	S	S
Calcium bromide	Sat. sol	S	S
Calcium carbonate	Sat. sol	S	S
Calcium chlorate	Sat. sol	S	S
Calcium chloride	Sat. sol	S	S
Calcium chromate	40%	S	S
Calcium cyanide		S	S
Calcium hydrosulphide	Sol	S	S
Calcium hydroxide	Sat. sol	S	S
Calcium hypochlorite	Sol	S	S
Calcium nitrate	Sat. sol	S	S
Calcium oxide	Sat. sol	S	S
Calcium perchlorate	1%	S	S
Calcium permanganate	20%	S	S
Calcium persulphate	Sol	S	S

Calcium sulphate	Sat. sol	S	S
Calcium sulphide	Dil. Sol	L	L
Camphor oil		NS	NS
Carbon dioxide, wet		S	S
Carbon disulphide	100%	NS	NS
Carbon monoxide	100%	S	S
Carbon tetrachloride	100%	NS	NS
Carbonic acid		S	S
Castor oil	Sol	S	S
Chlorine, water	2% Sat.sol	L	L
Chlorine, aqueous	Sat.sol	NS	NS
Chlorine, dry gas	100%	NS	NS
Chloroacetic acid	Sol	S	S
Chlorobenzene	100%	NS	NS
Chloroethanol	100%	S	S
Chloroform	100%	NS	NS
Chloromethane, gas	100%	L	
Chlorosulphonic acid	100%	NS	NS
Chloropropene		NS	
Chrome alum	Sol	S	S
Chromic acid	Sat.sol	S	S
Chromic acid	20%	S	L
Chromic acid	50%	S	L

Chromium VI oxide	Sat.sol	S	S
Cider		S	S
Citric acid	Sat.sol	S	S
Citric acid	10%	S	S
Citric acid	25%	S	S
Coconut oil alcoholic		S	S
Coffee		S	S
Copper (II) Chloride	Sat.sol	S	S
Copper cyanide	Sat.sol	S	S
Copper (II) fluoride	Sat.sol	S	S
Copper (II) fluoride	2%	S	S
Copper (II) nitrate	Sat.sol	S	S
Copper (II) sulphate	Sat.sol	S	S
Corn oil		S	S
Cottonseed oil		S	S
Cresylic acid	Sat.sol	L	
Crotonaldehyde	Sat.sol	L	
Cyclanone		S	S
Cyclohexane		NS	NS
Cyclohexanol	Sat.sol	L	NS
Cyclohexanol	100%	S	S
Cyclohexanone	100%	NS	NS
Decahydronaphthalene	100%	L	NS

Decane		NS	NS
Desalin	100%	S	L
Detergents, synthetic	S	S
Developers (photographic)	Work.conc	S	S
Dextrin	Sol	S	S
Dextose	Sol	S	S
Diacetone alcohol		L	L
Diazo salts		S	S
Dibutyl amine		NS	NS
Dibutyl ether		NS	NS
Dibutylphthalate		L	L
Dichlorobenzene		NS	NS
Dichloroethylene		NS	NS
Dichloropropylene		NS	NS
Diesel oil		S	NS
Diethyl ether	100%	NS	NS
Diethyl ketone		L	NS
Diethylene glycol		S	S
Diglycolic acid		S	S
Disobutylketone	100%	S	L
Dimethyl amine	100%	NS	NS
Dimethyl formamid		S	L
Diocyl phthalate	100%	L	NS

Dioxan	100%	S	S
Dipentene		NS	NS
Disodium phosphate		S	S
Drano, plumbing cleaner		S	S
Emulsions, photographic		S	S
Ethandiol	100%	S	S
Ethanol	40%	S	L
Ethanol	96%	L	L
Ethyl acetate	100%	L	NS
Ethyl acrylate	100%	NS	NS
Ethyl alcohol	35%	S	S
Ethyl alcohol	100%	S	S
Ethyl benzene		NS	NS
Ethyl chloride	100%	NS	NS
Ethylene chloride	100%	NS	NS
Ethylene diamine	100%	S	L
Ethyl ether		NS	NS
Ethylene glycol	100%	S	S
Ethyl mercaptan		NS	NS
Ferric chloride	Sat.sol	S	S
Ferric nitrate	Sat.sol	S	S
Ferric sulphate	Sat.sol	S	S
Ferrous chloride	Sat.sol	S	S

Fish solubles	Sol	S	S
Fluoboric acid		S	S
Fluorine gas	100%	L	NS
Fluorine gas dry	100%	NS	NS
Fluorine gas, wet	100%	NS	NS
Fluorosilic acid	Conc	S	L
Fluorisilic acid	40%	S	S
Formaldehyde	40%	S	S
Formic acid	40%	S	S
Formic acid	98 to 100%	S	S
Fructose	Sat.sol	S	S
Fruit pulps	Sol	S	S
Furfural	100%	NS	NS
Furfuryl alcohol	100%	L	NS
Gallic acid	Sat.sol	S	S
Gasoline, petrol		L	NS
Gelatine		S	S
Glucose	Sat.sol	S	S
Glycerine	100%	S	S
Glycerol	100%	S	S
Glycolic acid	30%	S	L
Glycolic acid	Sol	S	S
n-Heptane	100%	NS	NS

Hexachlorobenzene		S	S
Hexachlorophene		NS	NS
Hexamethylenetriamine	40%	S	
Hexane		S	L
Hexanol, tetryary		S	S
Hydrobromic acid	50%	S	S
Hydrobromic acid	Up to 100%	S	S
Hydrobromic acid	Up to 36%	S	S
Hydrobromic acid	Conc	S	S
Hydrochlorous acid	Conc	S	S
Hydrocyanic acid	10%	S	S
Hydrocyanic acid	Sat.sol	S	S
Hydrofluoric acid	40%	S	S
Hydrofluoric acid	60%	S	L
Hydrogen	100%	S	S
Hydrogen chloride	Dry gas	S	S
Hydrogen peroxide	30%	S	L
Hydrogen peroxide	90%	S	NS
Hydrogen sulphide gas	100%	S	S
Hydroquinone	Sat.sol	S	S
Hydroxylamine	up to 12%	S	S
Inks		S	S
Lodine (in potassium sol)		L	NS

Iodine (in alcohol)		NS	NS
Iron (II) chloride	Sat.sol	S	S
Iron (II) sulphate	Sat.sol	S	S
Iron (III) Chloride	Sat.sol	S	S
Iron (III) nitrate	Sol	S	S
Iron (III)sulphate	Sat.sol	S	S
Iso octane	100%	S	NS
Iso pentane		NS	NS
Isopropanol		S	S
Isopropyl amine		NS	NS
Isopropyl ether	100%	L	NS
Kerosene		NS	NS
Lactic acid	10%	S	S
Lactic acid	28%	S	S
Lactic acid	up to 100%	S	S
Latex		S	S
Lead acetate	Dil.sol	S	S
Lead acetate	Sat.sol	S	S
Lead arsenate		S	S
Lubricating oil		S	S
Lysol		NS	NS
Magnesium carbonate	Sat.sol	S	S
Magnesium chlride	Sat.sol	S	S

Magnesium hydrixide	Sat.sol	S	S
Magnesium nitrate	Sat.sol	S	S
Magnesium sulphate	Sat.sol	S	S
Maleic acid	Sat.sol	S	S
Mercury		S	S
Mercury (I) nitrate	Sol	S	S
Mercury (II) chloride	Sat.sol	S	S
Mecury (II) cyanide	Sat.sol	S	S
Mercury	100%	S	S
Methanol	100%	S	L
Methyl alcohol	100%	S	L
Methyl benzoic acid	Sat.sol	NS	NS
Methyl bromide	100%	NS	NS
Methyl chloride	100%	NS	NS
Methylcyclohexane		L	NS
Methyl ethyl ketone	100%	S	L
Methylene chloride		NS	NS
Methoxybutanol	100%	S	L
Milk		S	S
Milk of Magnesia		S	L
Mineral oils		L	NS
Molasses	Work.conc	S	S
Motor oil		S	L

Naphtha		L	NS
Naphtahalene		NS	NS
Nickel chloride	Sat.sol	S	S
Nickel nitrate	Sat.sol	S	S
Nickel sulphate	Sat.sol	S	S
Nicotine	Dil.sol	S	S
Nicotinic acid	Dil.sol	L	L
Nitric acid	25%	S	S
Nitric acid	50%	S	L
Nitric acid	70%	S	L
Nitric acid	95%	NS	NS
Nitric acid	100%	NS	NS
Nitrobenzene	100%	NS	NS
Nitroethane	100%	S	NS
Nitromethane	100%	S	
Nitrotoluene		NS	NS
n-Octane		S	S
Octyl alcohol		S	NS
Oil and fats		L	NS
Oleic acid	100%	L	NS
Oleum (H2SO4+10%SO3)		NS	NS
Oleum (H2SO4+50%SO3)		NS	NS
Olive oil		S	NS

Orthophosphoric acid	50%	S	S
Orthophosphoric acid	95%	S	L
Oxalic acid	Sat.sol	S	S
Oxygen	100%	S	
Ozone	100%	NS	NS
Paraffin oil		S	L
n-Pentane		NS	NS
Pentane-2		NS	NS
Perchloric acid	20%	S	S
Perchloric acid	50%	S	L
Perchloric acid	70%	S	NS
Perchloroethylene	NS	NS
Phenol	Sol	L	NS
Phosphine	100%	S	S
Phosphoric acid	up to 25%	S	S
Phosphoric acid	25 to 50%	S	S
Phosphoric (III) chloride	100%	S	L
Phosphorous (II) chloride	100%	S	L
Phosphorous pentoxide	100%	S	S
Phosphorous trichloride	100%	S	L
Photographic solutions		S	S
Phtalic acid	50%	S	S
Picric scid	Sat.sol	S	L

Plating solutions		S	S
Potassium acetate		S	S
Potassium aluminium sulphate	Sat.sol	S	S
Potassium benzoate		S	S
Potassium bicarbonate	Sat.sol	S	S
Potassium borate	Sat.sol	S	S
Potassium bromate	Sat.sol	S	S
Potassium bromide	Sat.sol	S	S
Potassium carbonate	Sat.sol	S	S
Potassium chlorate	Sat.sol	S	S
Potassium chloride	Sat.sol	S	S
Potassium chromate	Sat.sol	S	S
Potassium cyanide	Sol	S	S
Potassium dichromate	Sat.sol	S	S
Potassium fluoride	Sat.sol	S	S
Potassium hexacyanoferrate(III)	Sat.sol	S	S
Potassium hexacyanoferrate(II)	Sat.sol	S	S
Potassium hexafluorosilicate	Sat.sol	S	S
Potassium hydrogen carbonate	Sat.sol	S	S
Potassium hydrogen sulphate	Sat.sol	S	S
Potassium hydrogen sulphide	Sol	S	S
Potassium hydroxide	10%	S	S
Potassium hydroxide	Sol	S	S

Potassium hypochlorite	Sol	S	L
Potassium iodate	10%	S	S
Potassium iodide	Sat.sol	S	S
Potassium nitrate	Sat.sol	S	S
Potassium orthophosphate	Sat.sol	S	S
Potassium oxalate	Sat.sol	S	S
Potassium perchlorate	Sat.sol	S	S
Potassium permanganate	20%	S	S
Potassium persulphate	Sat.sol	S	S
Potassium phosphate	Sat.sol	S	S
Potassium sulphate	Sat.sol	S	S
Potassium sulphide	Sol	S	S
Potassium sulphite	Sat.sol	S	S
Potassium thiocyanate	Sat.sol	S	S
Potassium thiosulphate	Sat.sol	S	S
Propargul alcohol		S	S
n-Propyl alcohol		S	S
Propionic acid	50%	S	S
Propionic acid	100%	L	L
Propylene dichloride	100%	NS	NS
Propylene glycol		S	S
Pyridine	100%	S	L
Quinol (hydroquinone)	Sat.sol	S	S

Resorcinol	Sat.sol	S	S
Selicylic acid	Sat.sol	S	S
Sea water		S	S
Selenic acid		S	S
Silicon oil		S	S
Silver acetate	Sat.sol	S	S
Silver cyanide	Sat.sol	S	S
Silver nitrate	Sat.sol	S	S
Soap solution	100%	S	S
Sodium acetate	Sat.sol	S	S
Sodium antimonate	Sat.sol	S	S
Sodium arsenite	Sat.sol	S	S
Sodium benzoate	Sat.sol	S	S
Sodium bicarbonate	Sat.sol	S	S
Sodium bisulphate	Sat.sol	S	S
Sodium bisulphite	Sat.sol	S	S
Sodium borate		S	S
Sodium bromide	Sat.sol	S	S
Sodium carbonate	Sat.sol	S	S
Sodium chlorate	Sat.sol	S	S
Sodium chloride	Sat.sol	S	S
Sodium chlorite	Sat.sol	L	
Sodium cyanide	Sat.sol	S	S

Sodium dichromate	Sat.sol	S	S
Sodium fluoride	Sat.sol	S	S
Sodium hexafluorosilicate	Sat.sol	S	S
Sodium hydrogen carbonate	Sat.sol	S	S
Sodium hydrogen sulphate	Sat.sol	S	S
Sodium hydrogen sulphite	Sat.sol	S	S
Sodium hydroxide	40%	S	S
Sodium hypochloride		L	NS
Sodium iodate	10%	S	S
Sodium iodide	Sat.sol	S	S
Sodium nitrate	Sat.sol	S	S
Sodium nitrite	Sat.sol	S	S
Sodium orthophosphate	Sat.sol	S	S
Sodium oxalate	Sat.sol	S	S
Sodium phosphate	Sat.sol	S	S
Sodium silicate	Sol	S	S
Sodium sulphate	Sat.sol	S	S
Sodium sulphide	Sat.sol	S	S
Sodium sulphite	Sat.sol	S	S
Sodium thiocyanate	Sat.sol	S	S
Stannic chloride	Sat.sol	S	S
Stannous chloride	Sat.sol	S	S
Starch solution	Sat.sol	S	S

Stearic acid	Sat.sol	S	L
Styrene	Sol	L	NS
Sulphur acid	10 to 50%	S	S
Sulphuric acid	10%	S	S
Sulphuric acid	50%	S	S
Sulphuric acid	70%	S	L
Sulphuric acid	80%	S	NS
Sulphuric acid	98%	L	NS
Sulphuric acid	Fuming	NS	NS
Sulphurous acid	30%	S	S
Sulphurous acid	Sol	S	S
Tallow		S	L
Tannic acid	Sol	S	S
Tartaric acid	Sat.sol	S	S
Tetrachloroethylene	100%	NS	NS
Tetrachloromethane	100%	NS	NS
Tetradecane		NS	NS
Tetrahydrofuran		NS	NS
Tetrahydronaphthalene	100%	L	NS
Thionyl chloride	100%	NS	NS
Tin (II) chloride	Sat.sol	S	S
Tin (IV) chloride	Sol	S	S
Titanium tetrachloride	Sat.sol	NS	NS

Toluene	100%	NS	NS
Tribromomethane		NS	NS
Trichloroacetaldehyde		S	
Trichlorobenzene		NS	NS
Trichloroethylene	100%	NS	NS
Triethanolamine	100%	S	NS
Triethylene glycol		S	S
Trisodium phosphate	Sat.sol	S	S
Tupentine		NS	NS
Urea	up to 30%	S	S
Urea	Sol	S	S
Urine		S	S
Vanilla extract		S	S
Vaseline		S	L
Vegetables oils		S	L
Vinegar		S	S
Water		S	S
Wetting agents		S	S
Wines and spirits		S	S
Xylene	100%	NS	NS
Yeast	Sol	S	S
Zinc bromide	Sat.sol	S	S
Zinc chloride	Sat.sol	S	S

Zinc oxide	Sat.sol	S	S
Zinc stearate		S	S
Zinc sulphate	Sat.sol	S	S
o-Zylene		NS	NS