BUNDS Australia

SPECIFICATION SHEET

PVC Chemical Resistance Chart

EDITION 1

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Ratings Guide	
Good	Should have little or no effect on the material at the given concentration and temperature
Moderate	Some effect on the material at the given concentration and temperature. Caution advised.
X	Not recommended.
ND	No data available

PVC Chemical Resistance Chart

Chemical	Concentration	Rating*	
		20°C	60°C
Acetaldehyde	40%	X	X
Acetaldehyde	techn. pure	X	X
Acetamide	saturated	X	X
Acetic acid	5%	G	G
Acetic acid	10%	G	M
Acetic acid	50%	M	M
Acetic acid	90%	M	X
Acetic acid	100%	X	X
Acetic anhydride	techn. pure	X	X
Acetone		X	X
Acetonitrile		X	X
Acetophenone		X	X
Acetyl chloride	100%	X	X
Acetylene	100%	G	G
Acrylonitrile		X	X
Adipic acid	saturated	G	M
Alanine		X	X
Allyl alcohol	96%	M	X
Allyl chloride	100%	X	X
Alum		G	G
Aluminum chloride	10%	G	G
Aluminum chloride	solid	G	G
Aluminum chloride	saturated	G	G
Aluminum fluoride	aqueous	G	G
Aluminum hydroxide		G	G
Aluminum nitrate	aqueous	G	G
Aluminum oxide	solid	G	G
Aluminum potassium sulfate	diluted	G	M
Aluminum potassium sulfate	saturated	G	M
Aluminum sulfate	10%	G	G
Aluminum sulfate	saturated	G	G
Ammonia, anhydrous		X	X
Ammonia, aqueous		X	X
Ammonium acetate	saturated	G	M
Ammonium carbonate	50%	G	M
Ammonium chloride	solid	G	ND
Ammonium chloride	aqueous	G	M
Ammonium difluoride	50%	G	M
Ammonium fluoride	saturated	G	ND
Ammonium glycolate		G	G
Ammonium hydroxide	5%	G	G
Ammonium hydroxide	30%	G	G
Ammonium hydroxide	100%	G	G
Ammonium nitrate	10%	G	M
Ammonium nitrate	saturated	G	G
Ammonium oxalate		G	G
Ammonium persulfate	saturated	G	ND
Ammonium phosphate	each	G	G
Ammonium sulfate	10%	G	M

*Two values are given per compound by temperature.

Chemical	Concentration	Rating*	
		20°C	60°C
Ammonium sulfate	saturated	G	G
Ammonium sulfide	each	G	M
Ammonium thiocyanate		G	ND
Amyl acetate, normal		X	X
Amyl alcohol		M	M
Amyl chloride		X	X
Aniline		X	X
Aniline hydrochloride	saturated	G	ND
Antimony trichloride	90%	G	G
Antimony trichloride	anhydrous	G	G
Antimony trichloride	aqueous	G	G
Arsenic acid	aqueous	G	M
Barium carbonate	saturated	G	ND
Barium chloride	saturated	G	M
Barium chloride	aqueous	G	G
Barium hydroxide	saturated	G	M
Barium sulfide	saturated	G	ND
Battery acid	38%	G	M
Beef tallow emulsion	sulfonated	G	ND
Beer		G	M
Benzaldehyde		X	X
Benzene		X	X
Benzenesulfonic acid	saturated	G	ND
Benzoic acid	saturated	G	ND
Benzyl acetate		X	X
Benzyl alcohol		G	M
Benzyl chloride	100%	X	X
Bisulfite solution	saturated	G	M
Bitter almond oil		X	X
Boric acid	10%	G	X
Brake fluid		G	ND
Brine	saturated	G	G
Bromine		X	X
Bromine water	saturated	X	X
Bromobenzene		X	X
Bromochloromethane	100%	X	X
Butadiene		M	X
Butane	techn. pure	G	ND
Butanetriol	100%	M	M
Butene	techn. pure	G	ND
Butyl acetate, normal	100%	X	X
Butyl acrylate	100%	X	X
Butyl alcohol, normal	techn. pure	G	M
Butyl ether	techn. pure	X	X
Butyl phenol		G	X
Butyl stearate	100%	G	ND
Butylene glycol	techn. pure	G	M
Butylphenol	100 %	M	X
Butyric acid		G	X

*Two values are given per compound by temperature.

Chemical	Concentration	Rating*	
		20°C	60°C
Cadmium cyanide		G	G
Calcium bicarbonate	saturated	G	ND
Calcium bisulfite	saturated	G	G
Calcium bromide		G	G
Calcium carbide		G	G
Calcium carbonate	saturated	G	G
Calcium chlorate	saturated	G	G
Calcium chloride	aqueous	G	M
Calcium hydroxyde	concentrated	G	G
Calcium hypochlorite	saturated	G	M
Calcium nitrate	50%	G	G
Calcium oxide	powder	G	G
Calcium phosphate	aqueous	G	G
Calcium sulfate	saturated	G	G
Calcium sulfide	aqueous	G	G
Camphor		X	X
Camphor oil		X	X
Carbazole		X	X
Carbolineum	aqueous	G	ND
Carbon dioxide	saturated	G	M
Carbon dioxide, damp	techn. pure	G	M
Carbon dioxide, dry	techn. pure	G	G
Carbon disulfide		X	X
Carbon tetrachloride		X	X
Carbonic acid		G	G
Castor oil	100%	G	G
Caustic potash	100%	X	X
Cedar wood oil		M	X
Cetyl alcohol	100%	G	G
Chalk		G	G
Chloric acid	1%	G	M
Chloric acid	10%	G	M
Chloric acid	20%	G	M
Chlorine	10% wet	G	G
Chlorine	97%	X	X
Chlorine	steam	X	X
Chlorine water		M	M
Chloro acetophenone, p-		X	X
Chloroacetic acid		X	X
Chlorobenzene		X	X
Chlorodifluoromethane		G	ND
Chloroethyl alcohol, G-	techn. pure	X	X
Chloroform	100%	X	X
Chlorosulfonic acid	techn. pure	X	X
Chromic acid	10%	G	G
Chromic acid	20%	G	G
Chromic acid	50%	G	M
Chromic acid	80%	X	X
Chromic potassium sulfate	saturated	G	G

*Two values are given per compound by temperature.

Chemical	Concentration	Rating*	
		20°C	60°C
Cinnamon oil		X	X
Citric acid	10%	G	X
Citric acid	50%	G	X
Citric acid	saturated	G	X
Cleaning agents		G	M
Clophen A6k		X	X
Coal gas, without benzene		G	ND
Coconut fatty alcohol	techn. pure	G	M
Coconut oil	techn. pure	G	M
Cod-liver oil		G	ND
Copper carbonate		G	G
Copper chloride		G	G
Coper cyanide		G	ND
Copper fluoride		G	G
Copper nitrate		G	G
Copper sulfate	aqueous	G	G
Cotton oil	techn. pure	G	G
Creosote		M	ND
Cresol (-mixtures)		X	X
Crotonaldehyde	techn. pure	X	X
Crude oil	100%	G	G
Cumene		X	X
Cupric chloride	saturated	G	G
Cupric fluoride		G	G
Cupric nitrate	saturated	G	G
Cupric nitrate	aqueous	G	G
Cupric sulfate		G	G
Cuprous chloride	aqueous	G	G
Cuprous cyanide	saturated	G	ND
Cyclohexane		G	M
Cyclohexanol	techn. pure	ND	ND
Cyclohexanone	techn. pure	X	X
Decahydronaphthalene		G	G
Densodrin W	aqueous	G	G
Dextrin	aqueous	G	G
Diaminoethane	techn. pure	M	ND
Dibutyl phthalate, n-		X	X
Dibutyl sebacate	techn. pure	X	X
Dichloroacetic acid	50%	G	M
Dichloroacetic acid	techn. pure	G	M
Dichlorobenzene		X	X
Dichlorodifluoromethane	techn. pure	G	ND
Dichlorodifluoromethane		G	ND
Dichloroethane		X	X
Dichloroethylene	techn. pure	X	X
Dichlorofluoromethane	100%	X	X
Diesel fuel		G	M
Diesel fuel for heating		G	G
Diesel oil	100%	G	M

*Two values are given per compound by temperature.

PVC Chemical Resistance Chart

Chemical	Concentration	Rating*	
		20°C	60°C
Diethyl ethyl	techn. pure	X	X
Diethyl malonate		G	X
Diethylamine	techn. pure	M	ND
Diethylbenzene		X	X
Diethylene glycol		M	X
Diethylene glycolether		M	X
Diglycolic acid	30%	G	M
Diisobutyl ketone	techn. pure	X	X
Diisopropyl ether	techn. pure	X	X
Dimethyl ether	gas	M	ND
Dimethyl formamide (DMF)		X	X
Dimethyl phthalate (DMP)	100%	X	X
Dimethyl sulfoxide (DMSO)		X	X
Dimethylamine	techn. pure	X	X
Dinitro ethylene glycol	diluted	X	X
Dinonyl phthalate (DNP)	techn. pure	X	X
Dioctyl phthalate (DOP)	techn. pure	X	X
Dioxane		M	X
Dipropylene glycol		G	M
Emulsifiers		G	G
Emulsions for fotos		G	ND
Epichlorhydrin	100%	X	X
Ethyl acetate	100%	X	X
Ethyl acrylate	100%	X	X
Ethyl alcohol	40%	G	G
Ethyl alcohol	50%	G	G
Ethyl alcohol	96%	G	M
Ethyl benzoate		X	X
Ethyl butyrate		X	X
Ethyl chloride		X	X
Ethyl chloroacetate	techn. pure	X	X
Ethyl cyanoacetate		M	X
Ethyl lactate		M	X
Ethylbenzene		X	X
Ethylene glycol		G	G
Ethylene glycol monoethyl ether	100%	X	X
Ethylene glycol monoethyl ether acetate		M	X
Ethylene glycol monomethyl ether	100%	M	X
Ethylene glycol monomethyl ether oleate		X	X
Ethylene oxide		X	X
Ethylhexanol-G		G	ND
Exhaust gases, alNDaline		G	G
Exhaust gases, containing carbon dioxide	small	G	G
Exhaust gases, containing hydrochloric acid	each	G	G
Exhaust gases, containing hydrogen fluoride	small	G	G
Exhaust gases, containing nitrose	small	G	G

*Two values are given per compound by temperature.

Chemical	Concentration	Rating*	
		20°C	60°C
Exhaust gases, containing sulfur dioxide	small	G	G
Exhaust gases, containing sulfur trioxide	small	G	G
Exhaust gases, containing sulfuric acid	each	G	G
Fats, edible oil		G	ND
Fatty alcohol sulfonates	aqueous	G	M
Ferric acetate		G	X
Ferric chloride	saturated	G	G
Ferric nitrate	aqueous	G	G
Ferric nitrate	saturated	G	G
Ferric sulfate	saturated	G	G
Ferrous chloride	saturated	G	G
Ferrous sulfate	saturated	G	G
Ferrous sulfate	aqueous	G	G
Fixer for fotos		G	M
Fluorides		G	G
Fluorine		M	X
Fluorosilic acid		G	G
Formaldehyde solution	10%	G	M
Formaldehyde solution	30%	G	M
Formaldehyde solution	40%	G	M
Formamide	techn. pure	X	X
Formic acid	3%	G	M
Formic acid	50%	G	M
Formic acid	98-100%	M	X
Freon F-11		G	ND
Freon F-12		G	ND
Freon F-21		X	X
Freon F-22		X	X
Freon F-113		G	ND
Freon F-114		G	ND
Freon T-F		G	M
Fruit pulp		G	G
Fruit wine		G	G
Furfural		X	X
Furfuryl alcohol	techn. pure	X	X
Gallic acid		G	G
Gas, natural		G	G
Gasoline		M	M
Gelatin	each	G	G
Glucose	each	G	G
Glue (bone glue)	each	G	M
Glycerol	each	G	M
Glycine	10%	G	M
Glycolic acid	37%	G	G
Glycolic acid	70%	G	G
Heptane		G	M

*Two values are given per compound by temperature.

Chemical	Concentration	Rating*	
		20°C	60°C
Hexane		G	X
Hexanetriol	100%	G	G
Hexyl alcohol		G	G
Hydrazine	10%	G	ND
Hydrazine hydrate	aqueous	G	ND
Hydrofluosililic acid		X	X
Hydrogen	techn. pure	G	G
Hydrogen bromide	20%	G	G
Hydrogen bromide	40%	G	G
Hydrogen bromide	50%	G	G
Hydrogen chloride	1-5%	G	G
Hydrogen chloride	20%	G	M
Hydrogen chloride	35%	G	M
Hydrogen chloride	concentrated	G	M
Hydrogen chloride (gas)	anhydrous	G	M
Hydrogen cyanide	techn. pure	G	M
Hydrogen fluoride	4%	G	M
Hydrogen fluoride	50%	G	X
Hydrogen fluoride	70%	M	X
Hydrogen peroxide	3%	G	G
Hydrogen peroxide	30 %	G	M
Hydrogen peroxide	90%	G	M
Hydrogen sulfide	saturated	G	M
Hydroquinone	saturated	G	G
Hydroxyaluminium di(acetate)	aqueous	G	M
Hydroxylamine disulfate	each	G	ND
Iodine, tincture of		X	X
Iodoform	100%	X	X
Isobutanol		G	G
Isobutyl acetate		M	ND
Isopropyl acetate		X	X
Isopropyl alcohol	techn. pure	G	G
Jam		G	M
Jet fuel JP-3		M	M
Jet fuel JP-4		M	M
Jet fuel JP-5		M	M
Juices		G	G
Kerosene		M	M
Ketones		X	X
Lactic acid	3%	G	M
Lactic acid	25%	G	G
Lactic acid	80%	G	M
Lactic acid	85%	G	M
Lactic acid	90%	X	X
Lactose	aqueous	G	G
Lanolin	techn. pure	M	M
Lard		G	G

*Two values are given per compound by temperature.

Chemical	Concentration	Rating*	
		20°C	60°C
Lauryl alcohol	100%	G	G
Lauryl chloride	100%	G	ND
Lead acetate	aqueous	G	G
Lead nitrate	aqueous	G	G
Lead sulfate		G	G
Lead tetraethyl	techn. pure	G	ND
Linseed oil	techn. pure	G	M
Liqueurs		G	G
Lithium bromide		G	G
Lube oils		G	G
Machine oil	100%	G	G
Magnesium carbonate	saturated	G	G
Magnesium chloride	aqueous	G	G
Magnesium chlorite		G	G
Magnesium hydroxide	saturated	G	G
Magnesium iodide		G	G
Magnesium nitrate	saturated	G	G
Magnesium sulfate	each	G	G
Maize-germ oil	techn. pure	M	ND
Maleic acid	saturated	ND	ND
Mercuric chloride	aqueous	X	X
Mercuric cyanide	saturated	G	M
Mercuric nitrate	saturated	G	M
Mercury	pure	G	G
Methane	techn. pure	G	G
Methyl acetate	techn. pure	X	X
Methyl alcohol		G	M
Methyl amine	32%	M	ND
Methyl benzene		X	X
Methyl bromide	techn. pure	X	X
Methyl chloride	techn. pure	X	X
Methyl dichloroacetate		X	X
Methyl ethyl ketone		X	X
Methyle isobutyl ketone		X	X
Methyl methacrylate	100%	ND	ND
Methyl propyl NDetone		X	X
Methyle sulfate		G	M
Methyl sulfuric acid	50%	G	M
Methylchloroacetate	techn. pure	M	ND
Methylene chloride		X	X
Milk		G	G
Mineral oil		G	X
Mineral water		G	G
Molasses		G	M
Molasses wort		G	G
Monochloroethane		X	X
Morpholine	techn. pure	X	X

*Two values are given per compound by temperature.

PVC Chemical Resistance Chart

Chemical	Concentration	Rating*	
		20°C	60°C
Motor oil		G	G
Mowilith D		G	ND
Mustard		G	G
Naphtha		G	G
Naphthalene	100%	X	X
nickel acetate	aqueous	G	ND
nickel dichloride	saturated	G	G
nickel sulfate	saturated	G	G
nickelous nitrate	saturated	G	G
Nicotine		G	G
Nicotinic acid	diluted	G	G
Nitric acid	1-10 %	G	G
Nitric acid	50%	G	M
Nitric acid	66%	M	X
Nitric acid	70%	M	X
Nitric acid	100%	X	X
Nitro benzoic acid		G	ND
Nitrobenzene		X	X
Nitroglycerine	diluted	X	X
Nitrohydrochloric acid		X	X
Nitrose gases	diluted	G	M
Nitrotoluene	techn. pure	X	X
Nitrous acid	10%	G	G
Nitrous oxide		G	G
Octane		M	X
Oils and fats, vegetable		G	G
Oleic acid	techn. pure	G	G
Oleum	10% SO_3	X	X
Oleum steams	small	G	ND
Olive oil		G	G
Orange oil, bitter		M	X
Oxalic acid		G	M
Oxygen	techn. pure	G	G
Ozone		G	M
Palm oil		G	ND
Palmitic acid	10%	G	G
Palmitic acid	70%	G	M
Paraffin-emulsion		G	ND
Paraffins	100%	G	ND
Pectin	aqueous	G	G
Pectin		G	G
Pentanol		G	M
Pentanone		X	X
Perchloric acid	10%	G	M
Perchloric acid	70%	X	X
Perfumes		G	ND
Petroleum ether	techn. pure	G	G

*Two values are given per compound by temperature.

Chemical	Concentration	Rating*	
		20°C	60°C
Phenol	10%	G	X
Phenol	100%	X	X
Phenylhydrazine	techn. pure	X	X
Phenylhydrazine hydrochloride		M	X
Phosgene	gaseous	X	X
Phosphates	aqueous	X	X
Phosphine	concentrated	G	ND
Phosphoric acid	1-5 %	G	G
Phosphoric acid	20%	G	G
Phosphoric acid	85%	G	G
Phosphorus oxychloride	100%	X	X
Phosphorus pentachloride		X	X
Phosphorus pentoxide	techn. pure	G	ND
Phosphorus trichloride		X	X
Picric acid	1% aqueous	M	X
Potassium acetate	aqueous	G	ND
Potassium bitartrate	saturated	G	ND
Potassium borate	10%	G	M
Potassium bromate	saturated	G	M
Potassium bromide	each	G	M
Potassium carbonate	saturated	G	G
Potassium chlorate	saturated	G	G
Potassium chloride	aqueous	G	G
Potassium chromate	saturated	G	G
Potassium cyanide	saturated	G	M
Potassium dichromate	saturated	G	M
Potassium ferrocyanide	saturated	G	G
Potassium fluoride		G	G
Potassium hydroxide	1%	G	G
Potassium hydroxide	10%	G	G
Potassium hydroxide	30%	G	M
Potassium hydroxide	50%	G	M
Potassium hydroxide	concentrated	G	M
Potassium hypochlorite	diluted	G	M
Potassium iodide	saturated	G	G
Potassium manganate		G	G
Potassium nitrate		G	G
Potassium perchlorate	saturated	G	M
Potassium permanganate	10%	G	M
Potassium persulfate	each	G	M
Potassium sulfate	aqueous	G	G
Potassium sulfide	diluted	G	ND
Precipitated silica	each	G	G
Propane	liquid	G	ND
Propane	gaseous	G	G
Propargyl alcohol	7%	G	G
Propenyl alcohol		G	G

*Two values are given per compound by temperature.

Chemical	Concentration	Rating*	
		20°C	60°C
Propionic acid	50%	G	M
Propionic acid	100%	X	X
Propyl alcohol		G	G
Propylene		M	X
Propylene glycol		M	X
Propylene oxide		X	X
Pyridine		X	X
Pyrogallic acid		G	X
Ramasit		G	G
Resorcinol	5%	G	X
Resorcinol	saturated	M	X
Salicylic acid	saturated	G	M
Salicylic acid	powder	G	M
Salicylaldehyde		M	X
Sea water		G	G
Silicic acid		G	G
Silicofluoric acid	32%	G	G
Silicone oil		M	M
Silver acetate		G	G
Silver cyanide		G	G
Silver nitrate		G	G
Soaps, liquid		G	G
Soapy solution	each	G	G
Sodium acetate	each	G	M
Sodium benzoate		G	M
Sodium bisulfate	10%	G	M
Sodium bisulfate	saturated	G	X
Sodium borate	saturated	G	M
Sodium bromate	each	G	ND
Sodium bromide	each	G	M
Sodium carbonate		G	G
Sodium chlorate	aqueous	G	M
Sodium chloride	aqueous	G	M
Sodium chlorite	diluted	M	ND
Sodium chromate	diluted	G	M
Sodium cyanide	saturated	G	G
Sodium dichromate		G	G
Sodium ferrocyanide		G	G
Sodium fluoride	saturated	G	G
Sodium hydrosulfite	10%	G	M
Sodium hydroxide	1%	G	M
Sodium hydroxide	30%	G	M
Sodium hydroxide	45%	G	M
Sodium hydroxide	50%	G	M
Sodium hydroxide	60%	G	M
Sodium hypochlorite	diluted	G	M
Sodium hypochlorite	12,5% Cl	G	M

*Two values are given per compound by temperature.

Chemical	Concentration	Rating*	
		20°C	60°C
Sodium hypochlorite	15%	G	M
Sodium hypochlorite	saturated	G	M
Sodium iodide	each	G	M
Sodium metabisulfite	each	G	M
Sodium nitrate	saturated	G	G
Sodium nitrite	saturated	G	G
Sodium oxalate	saturated	G	M
Sodium perborate	saturated	G	G
Sodium perchlorate	saturated	G	G
Sodium peroxide	saturated	G	G
Sodium persulfate	saturated	G	M
Sodium phosphate	saturated	G	M
Sodium silicate	saturated	G	M
Sodium sulfate	saturated	G	M
Sodium sulfide	saturated	G	M
Sodium sulfite	saturated	G	M
Sodium thiosulfate	saturated	G	M
Soft soap	diluted	G	M
Spindle oil		M	ND
Spinning bath acid	100mg CS2/l	G	ND
Spirit (of wine)		G	M
Spirits		G	G
Spirits of Turpentine		G	M
Spirits of wine	50%	G	ND
Spirits of wine	96%	G	M
Spruce oil		M	X
Stannic chloride	aqueous	G	G
Stannous chloride	saturated	G	G
Starch solution	each	G	G
Starch syrup		G	G
Stearic acid	crystals	G	G
Styrene	100%	X	X
Succinic acid	50%	G	ND
Sugar beet juice		G	ND
Sugar syrup		G	M
Sulfur	techn. pure	M	ND
Sulfur dioxide	damp	G	M
Sulfur dioxide	liquid	M	X
Sulfur trioxide		X	X
Sulfuric acid	1-6%	G	G
Sulfuric acid	20%	G	G
Sulfuric acid	40%	G	M
Sulfuric acid	70%	G	M
Sulfuric acid	80%	G	M
Sulfuric acid	95%	G	X
Sulfuric acid	fuming	X	X
Sulfurous acid	saturated	G	G

*Two values are given per compound by temperature.

Chemical	Concentration	Rating*	
		20°C	60°C
Sulfuryl chloride	techn. pure	X	X
Tallow	techn. pure	G	G
Tannic acid	10%	G	G
Tanning extracts, vegetable	techn. pure	G	G
Tar		G	G
Tartaric acid		G	G
Tetrabromoethane (TBE)	100%	X	X
Tetrachloreethane	techn. pure	X	X
Tetrachloroethylene		X	X
Tetrahydrofuran (THF)		X	X
Tetrahydronaphthalene	techn. pure	X	X
Thionyl chloride	techn. pure	X	X
Toluene	100%	X	X
Transformer oil		G	G
Tribromomethane		X	X
Tributyl citrate (TBC)		M	X
Tributyl phosphate (TBP)	techn. pure	X	X
Trichloroacetaldehyde	100%	X	X
Trichloroacetic acid (TCA)		X	X
Trichlorobenzene	100%	X	X
Trichloroethane		X	X
Trichloroethylene (TRI)	100%	X	X
Trichlorotrifluoroethane	100%	M	X
Tricresyl phosphate (TCF)	techn. pure	X	X
Triethanolamine (TEA)	techn. pure	M	M
Triethylene glycol		G	M
Trimethylolpropane	aqueous	G	G
Trimethylpentane	techn. pure	G	ND
Trioctyl phosphate	techn. pure	X	X
Tripropylene glycol (TPG)		G	M

*Two values are given per compound by temperature.

Chemical	Concentration	Rating*	
		20°C	60°C
Trisodium phosphate		G	G
Undecanol		G	M
Urea	30%	G	M
Uric acid		G	ND
Urine		G	M
Vaseline	techn. pure	M	ND
Vaseline oil	100%	G	G
Vaseline oil		G	M
Vegetable oils		G	G
Vinegar		G	G
Vinyl acetate	techn. pure	X	X
Vinyl chloride	techn. pure	X	X
Vinylidene chloride		X	X
Water		G	G
Water, distilled		G	G
Wax alcohol	techn. pure	G	G
Wetting agent	5%	G	M
Whiskey		G	G
White Spirit		G	G
Wines		G	G
Xylene		X	X
Yeast	each	G	ND
Zinc carbonate	saturated	G	G
Zinc chloride	aqueous	G	G
Zinc nitrate		G	G
Zinc oxide	solid	G	G
Zinc phosphate	saturated	G	G
Zinc stearate		G	G
Zinc sulfate	10%	G	G
Zinc chloride	10%	G	M

*Two values are given per compound by temperature.