



® 龍興塑膠科技股份有限公司
DRAGON SHING ROTOCASTING CO., LTD.

509 彰化縣伸港鄉全興村全興路 1-15 號

No.1-15 Chuan Shing Village, Shengkang Shiang, Chang Hua, Taiwan R.O.C.

TEL: 886-4-7982722

Email: dspoly@ms26.hinet.net

porous-plastic@hotmail.com

FAX: 886-4-7987641

Web: www.dsrotocasting.com.tw

www.porous-plastic.com

Resistances to Chemicals and Other Media

+ : resistant

swelling < 3 % or weight loss < 0.5 % elongation at break, not significantly changed.

/ : only partly resistant

swelling of 3 % to 8 % or weight loss of 0.5 % to 5 % and/or elongation at break reduced by < 50%.

- : not resistant

swelling > 8 % or weight loss > 5 % and/or elongation at break reduced by > 50%.

V : discoloration may occur.

** : or boiling temperature

* : not valid for welded joints (including edge welding)

Substance	Concentration.	Temperature	
		20°C	60°C
Acetaldehyde	Technical	+	/
Acetaldehyde + acetic acid	90:10	+	
Acetaldehyde, aqueous	Each	+	/
Acetamide		+	
Acetic acid	100%	+	/V
Acetic acid, aqueous	70%	+	+
Acetic anhydride	Technical	+	/
Acetoacetic acid		+	
Acetone	Technical	+	+*
Acetophenone		+	
Acetylene		+	
Acids, aromatic		+	+
Acronal®-dispersions	Commercial	+	/
Acrylonitrile	Technical	+	+
Adipic acid, aqueous	Saturated	+	+
Air	Technical	+	+
Aktivin® (chloramine, aqueous, 1%)		+	+
Ally acetate		+	+ to -
Ally alcohol (prop-2-en-1-ol)	96%	+	+
Ally chloride	90:10	/	-
Alum, aqueous	Each	+	+

Substance	Concentration	Temperature	
		20°C	60°C
Aluminium chloride, aqueous	Each	+	+
Aluminium chloride, solid		+	+
Aluminium fluoride	Conc.	+	+
Aluminium hydroxide		+	+
Aluminium metaphosphate		+	+
Aluminium potassium sulphate, aqueous	Each	+	+
Aluminium sulphate, aqueous	Saturated	+	+
Aluminium sulphate, solid		+	+
Amino acids		+	+
Ammonia water		+	+
Ammonia water (household ammonia)	Each	+	+
Ammonia, gaseous		+	+
Ammonia, liquid		+	
Ammonium acetate, aqueous	Each	+	+
Ammonium carbonate, aqueous	Each	+	+
Ammonium chloride, aqueous	Each	+	+
Ammonium fluoride, aqueous	Saturated	+	+
Ammonium hydrogencarbonate, aqueous	Saturated	+	+
Ammonium hydrosulphide, aqueous	Each	+	+
Ammonium iron(III) sulphate (iron alum), aqueous	Saturated	+	+
Ammonium metaphosphate		+	+
Ammonium nitrate, aqueous	Each	+	+
Ammonium phosphate, aqueous	Each	+	+
Ammonium sulphate, aqueous	Each	+	+
Ammonium sulphide, aqueous	Each	+	+
Ammonium thiocyanate		+	+
Amyl acetate	Technical	+	+
Amyl alcohol	Technical	+	+
Amyl chloride	100%	/	-
Amyl phthalate		+	/
Aniline	Each	+	+
Aniline hydrochloride, aqueous	Each	+	+
Aniline oil		+	/
Aniseed oil		/	-
Anisol		/	/ to -
Anon (Cyclo hexanon)		+	/
Anthraquinonesulphonic acid, aqueous (susp.)		+	+
Anti-freezing agent (car)	Commercial	+	+
Antimony pentachloride		+	+
Antimony trichloride		+	+
Apple wine		+	+
Aqua regia (HCl + HNO ₃)		-	
Arsenic pentaoxide		+	+
Arsenious acid, aqueous	Each	+	+
Ascorbic acid		+	+
Asphalt		+	/V
aspirn®		+	
Barium hydroxide, aqueous	Each	+	+

Substance	Conc.	Temperature	
		20°C	60°C
Barium salts, aqueous	Each	+	+
Battery acid		+	+
Beef fat		+	+ to /
Beer		+	+
Beer liquor	Commercial	+	+
Beeswax		+	/ to -
Benzaldehyde in propan-2-ol	1%	+	+
Benzaldehyde, aqueous	Each	+	+ to /
Benzene	Technical	/	-
Benzine/Benene-mixture	80/20	+	/
Benzine	Technical	+	/
Benzoic acid, aqueous	Each	+	+
Benzoyl chloride		/	/
Benzyl alcohol		+	+
Benzyl chloride		/	-
Bismuth salts		+	+
Bisulphate liquor		+	+
Bitter salt, aqueous	Each	+	+
Bitumen		+	/V
Bleaching liquor with 12.5% active Chloride **		/	-
Bone oil		+	+
Borax (sodium tetraborate), aqueous	Saturated	+	+
Boric acid methyl ester		+	/ to -
Boric acid, aqueous	Each	+	+
Boron trifluoride		+	+ to /
Break fluid		+	+
Brandy		+	
Bromchlormethane		-	
Bromic acid	Conc.	-	
Bromine vapour		-	
Bromine water	Cold saturated	+	
Bromine, liquid	100%	-	
Bromomethane (methyl bromide), gaseous	Technical	-	
Buta 1,3-dien, gaseous	Technical	/	-
Butane, gaseous		+	
Butane-diol, aqueous	Each	+	+
Butane-triol, aqueous	Each	+	+
Butanol		+	+
Butanol, aqueous	Each	+	+
Butanone		+	/ to -
2-Butendiole-1,4	Technical	+	
2-Butindiole-1,4	Technical	+	
Butoxyl® (methoxybutylacetate)		+	/
Butter		+	
Butyl acetate	Technical	+	/
Butyl acetate		+	/
Butyl acrylate		+	/
Butyl phenol	Technical	+	+

Substance	Conc.	Temperature	
		20°C	60°C
Butyl phenone	Technical	-	
Butylbenzylphthalate		+	+
Butylene glycol	Technical	+	+
Butylene glycol (ethylene glycol butyl ether)	Technical	+	
Butylphthalate	Technical	+	/
Butyric acid, aqueous	Each	+	/
Calcium carbide		+	+
Calcium carbonate		+	+
Calcium chlorate, aqueous	Saturated	+	+
Calcium chloride, aqueous	Saturated	+	+
Calcium hydroxide		+	+
Calcium hypochlorite, aqueous (suspension)	Each	+	+
Calcium nitrate, aqueous	50%	+	+
Calcium oxide (powder)		+	+
Calcium phosphate		+	+
Calcium sulphate		+	+
Calcium sulphide, aqueous	P 10%	/	/
Camphor		+	/
Camphor oil		-	
Cane sugar, aqueous	Each	+	+
Carbazole		+	+
Carbolic acid (phenol)		+	+V
Carbolineum	Commercial	+	
Carbon dioxide	100%	+	+
Carbon disulphide		/	
Carbon monoxide, gaseous	Technical	+	+
Carbonic acid, aqueous	Each	+	+
Carbonic acid, dry	100%	+	+
Castor oil		+	+
Caustic potash		+	+
Caustic potash	50%	+	+
Caustic soda		+	+
Caustic soda	Each	+	+
Cellulose nitrate		+	
Cetyl alcohol (hexadecan-1-ol)		+	+
Chloral (Trichloroacetaldehyde)	Technical	+	+
Chloral hydrate, aqueous	Each	+	+V
Chloramine, aqueous	Saturated	+	
Chloric acid, aqueous	1%	+	+
Chloric acid, aqueous	10%	+	+
Chlorinated bleaching liquor with 12.5% active Chlorine**		/	-
Chlorinated lime		+	+
Chlorine water	Saturated	+	/
Chlorine, aqueous solution (chlorine water)	Saturated	+	/
Chlorine, gaseous, dry		/	-
Chlorine, gaseous, moist		/	-
Chlorine, liquid		-	
Chloroacetic acid (mono), aqueous	Each	+	+

Substance	Conc.	Temperature	
		20°C	60°C
Chloroacetic acid, aqueous	P 85%	+	+
Chlorobenzene		/	-
Chloroethane (ethyl chloride)	Technical	/	
Chloroethanol (ethylene chlorhydrin)	Technical	+	+V
Chloroform	Technical	/ to -	-
Chloroformic acid ester		+	/
Chloromethane (methyl chloride), gaseous	Technical	/	
Chlorosulphuric acid	Technical	-	
Chlorpicrin		+ to /	-
Chromanode sludge		+	+
Chrome alum (chrome potash alum), aqueous	Saturated	+	+
Chromic acid, aqueous**	50%	/	-V
Chromic-sulphuric acid mixture		-	
Chromium salts, aqueous	Each	+	+
Chromium trioxide, aqueous**	50%	/	-V
Cider		+	+
Citric acid, aqueous	Saturated	+	+
Citric juices		+	+
Clophen® A50 and A60		+	/ to -
Coal-tar oil	Each	+V	/V
Coconut oil		+	
Coconut oil alcohol	Technical	+	/
Cod-liver oil		+	/
Cognac		+	
Cola concentrate		+	+
Common salt, aqueous	Each	+	+
Copper chloride, aqueous	Saturated	+	+
Copper fluoride, aqueous	Saturated	+	+
Copper nitrate, aqueous	30%	+	+
Copper salts, aqueous	Cold saturated	+	+
Copper sulphate, aqueous	Each	+	+
Copper(I) cyanide, aqueous	Saturated	+	
Cotton-seed oil	Technical	+	+
Creosol	100%	+	/V
Creosol, aqueous	Diluted	+	+V
Creosote		+	+V
Crotonaldehyde	Technical	+	/
Cumaron resin		+	+
Cyclanon (Fatty alcohol sulphonate)	Commercial	+	+
Cyclohexane		+	+
Cyclohexanol		+	+
Cyclohexanone (anone)		+	/
Deca hydronaphthaline (Dekalin®)	Technical	+	/
Defoaming agent		+	+ to /
Detergentien		+	+
Detergents	Usual	+	+
Developer (photographic)		+V	+V
Dextrin (starch gum), aqueous	18%	+	+

Substance	Conc.	Temperature	
		20°C	60°C
Dextrose		+	+
1,2-diaminoethane (ethylenediamine)	Technical	+	+
1.2-Dibromomethane		/	-
Di-butylphthalate (Butylphthalate)	Technical	+	/
Dibutyl ether		+ to /	-
Dibutyl sebacate		+	/
Dichloroacetic acid	50%	+	+
Dichloroacetic acid	Technical	+	/V
Dichloroacetic acid methyl ester		+	+
Dichlorobenzene		/	-
Dichlorodiphenyltrichloroethane (DDT, powder)		+	+
Dichloroethane		/	/
1,1-dichloroethane (vinylidene chloride)	Technical	-	
Dichloropropane		/	-
Diesel fuel		+	/
Diethanolamine	Technical	+	
Diethyl ether		+ to /	/*
2-Di-ethylhexylphthalate (DOP)		+	/
Diethyl ketone		+	/
Diethylene glycol		+	+
Diglycolic acid, aqueous	30%	+	+
Diisobutyl ketone	Technical	+	/ to -
Diisobutyl phthalate	Technical	+	/
Diisopropyl ether		+ to /	-
Dimethyl formamide	Technical	+	+ to /
Dimethyl sulphoxide		+	+
Dimethylamine		+	/
Dinonyl phthalate (DNP)	Technical	+	/
Dioctyl phthalate		+	/
Dioxane		+	+
Diphenyl ether		+	/
Diphenylamine		+	/
Disodium phosphate		+	+
Disodium sulphate		+	+
Do-decyl benzole sulphonic acid		+	/
Drilling medium from "Hoechst"		/	/
Drinking water, also chlorinated		+	+
Dutch glue (Gluten glue)	Commercial	+	+
Dye		+V	+V
Eau de Javelle		+ to /	-
Eau de Labarraque		+ to /	
Electrolytic baths for galvanotechnics		+ to /	/
Emulsifying agents		+	+
Emulsions (photographic)		+	+
Emulsions (photographic)	Commercial	+	+
Ephetin®, aqueous	10%	+	+
Epichlorhydrine		+	+
Ester of Adipic acid		+	/

Substance	Conc.	Temperature	
		20°C	60°C
Ester, aliphatic	Technical	+	+ to /
Ethane		+	+
Ethanol	96%	+	+
Ethanol amine (2-aminoethanol)	Technical	+	
Ethanol, denaturated with toluene	96% (vol.)	+	
Ether		+ to /	/*
Etherial oils		/	-
Ethyl acetate		+	/
Ethyl acetate	Technical	+	/
Ethyl alcohol	96%	+	+
Ethyl alcohol + acetic acid (fermentation mixture)	Usual in the works	+	+
Ethyl benzene	Technical	/	
Ethyl chloride (chloroethane)	Technical	/*	
Ethyl ether	Technical	+ to /	/*
2-Ethyl hexanol		+	/
Ethylene		+	+
Ethylene chlorohydrin (chloroethanol)	Technical	+	+
Ethylene dibromide		/	-
Ethylene dichloride (dichloroethane)		/	-
Ethylene glycol		+	+
Ethylene glycol butyl ether (Butylene glycol)	Technical	+	
Ethylene oxide, gaseous	Technical	+	+
Ethylenediamine (1,2-diaminoethane)	Technical	+	+
Ethylenediamine tetraacetic acid		+	+
Euron® B		/	/
Euron® G		+	+
Fatty acid (> C6)		+	+ to /
Fatty alcohol		+	/
Fatty amide		+	/
Fermentation mash	Commercial	+	+
Ferric cyan potassium and Ferro-Z, aqueous	Each	+	+
Fertilizing salts, aqueous	Each	+	+
Fixing bath (photographic)	Commercial	+	
Fixing salt, aqueous	Each	+	+
Fixing salt, solid		+	+
Fluorine, gaseous		-	
Fluoroboric acid, aqueous		+	/
Fluorosilicic acid	Each	+	+
Fluorosilicic acid, aqueous	Each	+	+
Formaldehyde, aqueous	Up to 40%	+	+
Formamide		+	+
Formic acid, aqueous	85%	+	+
Formic acid, aqueous	10%	+	+
Frigen® 12 (Freon® 12)	100%	/	-
Fructose (fruit sugar), aqueous	Each	+	+
Fruit juices	Each	+	+
Fruit juices, fermented		+	+
Fruit juices, unfermented	Each	+	+

Substance	Conc.	Temperature	
		20°C	60°C
Fruit pulp		+	+
Fruit tree carbolineum, aqueous		+V	/V
Furfural		+	/
Furfuryl alcohol		+	+V
Gelatine		+	+
Genantin®		+	+
Gin		+	
Glacial acetic acid (100% acetic acid)	Technical	+	/V
Glauber salt, aqueous	Each	+	+
Glucose, aqueous	Each	+	+
Glue		+	+
Glycerol chlorohydrin		+	+
Glycerol, aqueous	Each	+	+
Glycocoll		+	+
Glycol acid butyl ester		+	+
Glycol, aqueous	Commercial	+	+
Glycolic acid, aqueous	Up to 70%	+	+
Glysantine		+	+
Grisiron® 8302		/	/
Grisiron® 8702		+	+
Halothan®		/	/ to -
Heating oil		+	/
Heptane		+	/
Hexafluorosilicic acid, aqueous	40%	+	+
Hexane		+	/
Hexantriol		+	+
Honey		+	+
Household ammonia (ammonia water)	Each	+	+
Hydraulic fluid		+	/
Hydrazine hydrate		+	+
Hydrobromic acid, aqueous	50%	+	+
Hydrochloric acid		+	/
Hydrochloric acid, aqueous	Each	+	+
Hydrochloric acid, aqueous	40 ~ 85%	+	/
Hydrogen		+	+
Hydrogen Bromide, gaseous	Technical	+	+
Hydrogen chloride gas, dry and moist		+	+
Hydrogen peroxide, aqueous	10%	/	-
Hydrogen peroxide, aqueous	30%	/	-
Hydrogen sulphide, aqueous	Saturated	+	+
Hydrogen sulphide, gaseous		+	+
Hydrogenic cyanide		+	+
Hydroquinone		+V	+V
Hydrosulphite, aqueous	Up to 10%	+	+
Hydroxylammonium, aqueous	12%	+	+
Illuminating gas	Commercial	+	
Ink		+	+
Instant coffee		+	+

Substance	Conc.	Temperature	
		20°C	60°C
Iodine-potassium iodine	3% iodine	+	+
Iron alum (ammonium iron(III) sulphate), aqueous	Saturated	+	+
Iron potassium cyanide, aqueous	Each	+	+
Iron(II) chloride, aqueous	Saturated	+	+
Iron(II) sulphate, aqueous	Saturated	+	+
Iron(III) chloride, aqueous	Each	+	+
Iron(III) chloride, aqueous	Saturated	+	+
Iron(III) nitrate, aqueous	Saturated	+	+
Iron(III) sulphate, aqueous	Saturated	+	+
Isoamyl alcohol	Technical	+	/
Isobutyl alcohol		+	+
Isobutyric acid	Technical	+	/
Isooctane		+	/
Isopropyl acetate	100%	+	/
Isopropyl ether	Technical	+ to /	-
Jam		+	+
Kerosene		+	/
Kerosene		+	/
Ketone		+ to /	/ to -
Lactic acid, aqueous	Each	+	+
Lactose (milk sugar)		+	+
Lanoline (wool grease)		+	+
Latex		+	+
Lead acetate, aqueous	Each	+	+
Lime		+	+
Lime water		+	+
Linseed oil	Technical	+	+
Liqueur		+	
Liquid manure		+	+
Liquid soaps		+	+
Lithium bromide		+	+
Lubricating oils	Technical	+	+ to /
Lysol®		+	/
Machine oil		+	/
Magnesium carbonate		+	+
Magnesium chloride, aqueous	Each	+	+
Magnesium fluorosilicate		+	+
Magnesium hydroxide		+	+
Magnesium iodide		+	+
Magnesium salts, aqueous	Each	+	+
Magnesium sulphate, aqueous	Each	+	+
Maize oil		+	/
Maleic acid, aqueous	Up to 100%	+	+
Malic acid, aqueous	50%	+	+
Mangan sulphate		+	+
Margarine		+	+
Mash		+	+
Mayonnaise		+	

Substance	Conc.	Temperature	
		20°C	60°C
Menthol		+	/
Mercury		+	+
Mercury chloride		+	+
Mercury salts		+	+
Metallic mordant		+	
Metallic soaps		+	+
Methanol	Technical	+	+
Methoxybutanol		+	/
Methoxybutylacetate		+	/
Methyl acetate	Technical	+	
Methyl acrylate		+	+
Methyl alcohol		+	+
Methyl benzene		/	-
Methyl bromide (Bromomethane), gaseous	Technical	-	
Methyl chloride (Chloromethane), gaseous	Technical	/	
Methyl ethyl ketone	Technical	+	/
Methyl methacrylate		+	+
Methyl propyl ketone		+	/
Methyl salicylate		+	/
Methyl sulphuric acid	50%	+	+
Methylacrylic acid		+	+
Methylamine, aqueous	32%	+	
Methylbenzoic acid (toluic acid)	Saturated	/	
2-Methylbutane-2-ol	Technical	+	/
Methylcyclohexane		/	/ to -
Methylene dichloride** (Dichloromethane)		/	/*
Methylglycol		+	+
Methylisobutylketone		+	/ to -
4-Methylpentanol-2		+	+ to/V
Milk		+	+
Mineral oil	Without additives	+	+ to /
Mineral water		+	+
Molasses		+	+
Molasses seasoning		+	+
Monochloro benzene		/	-
Monochloroacetic acid		+	+
Monochloroacetic acid ethyl ester		+	+
Monochloroacetic acid methyl ester		+	+
Morpholine		+	+
Motor oil (HD-oil)		+	+ to /
Mowilith®-dispersions		+	+
Mustard		+	+
N-methyl pyrrolidone		+	+
n-propanol (n-propylalcohol)		+	+
Nail lacquer remover		+	/
Naphtha		+	/
Natural gas	Technical	+	
Nickel chroide		+	+

Substance	Conc.	Temperature	
		20°C	60°C
Nickel nitrate		+	+
Nickel salts, aqueous		+	+
Nickel sulphate, aqueous	Each	+	+
Nicotine		+	+
Nicotine acid	P 10%	+	
Nitric acid **	25%	+	+
Nitric acid **	50%	/	-
2,2',2''-Nitrilo triethanol (Triethanol amine), aqueous	Each	+	/
Nitrobenzene		+	/
Nonyl alcohol (nonanol)		+	+
Nut oil		+	
o-Nitrotoluol		+	/
Octylcresol	Technical	/	-
Odorous oils		/	-
Oils, ethereal		/	-
Oils, vegetable and animal		+	+ to /
Oleic acid		+	/
Oleum (H ₂ SO ₄ + SO ₃)	Each	-	
Olive oil		+	+
Optical brightening agent		+	+
Orange juice		+	+
Oxalic acid, aqueous	Each	+	+
Oxygen		+	+
Ozone	50 pphm	/	-
Palm kernel oil		+	
Palmitic acid		+	+
Palmityl alcohol		+	+
Paraffin oil		+	+
Paraformaldehyde		+	+
Peanut oil	Technical	+	
Pentanol		+	
Peppermint oil		+	
Perchloroethylene		/	-
Perchloric acid, aqueous	20%	+	+
Perchloric acid, aqueous	50%	+	/
Pesticides, aqueous	Usual in practice	+	+
Petroleum ether		+	/
Phenol (carbolic acid)		+	+V
Phenolic moulding compound		+	+
Phenyl-sulphonic acid		+	+
Phenylethyl alcohol		+	+
Phenylhydrazine	Technical	/	/ to -
Phenylhydrazine hydrochloride		+	-
Phenylsulphonate (sodium dodecyl benzol sulphonate)		+	+
Phosgene, gaseous		/	
Phosgene, liquid	100%	-	
Phosphate, aqueous	Each	+	+

Substance	Conc.	Temperature	
		20°C	60°C
Phosphoric acid, aqueous	50%	+	+
Phosphoric acid, aqueous	80 ~ 95 %	+	/V
Phosphorus pentaoxide	100%	+	+
Phosphorus trichloride		+	/
Phosphoryl chloride		+	/
Photographic developer		+V	+V
Phthalic acid dibutyl ester (Dibutyl phthalate)	Technical	+	/
Phthalic acid, aqueous	50%	+	+
Phthalic ester		+	+ to /
Picric acid, aqueous	1%	+	
Pine-needle oil		+	
Pineapple juice		+	+
Polyacrylic acid emulsions		+	+
Polyester resin		/	-
Polyester softener		+	+ to /
Polyglycol		+	+
Polysolvan® O (glycol acid butyl ester)		+	+
Potassium bicarbonate (Potassium hydrogencarbonate), aqueous	Saturated	+	+
Potassium bichromate, aqueous	Each	+	+
Potassium bisulphate (Potassium hydrogensulphate), aqueous	Saturated	+	+
Potassium bisulphate (Potassium hydrogensulphite), aqueous	Saturated	+	+
Potassium borate, aqueous	1%	+	+
Potassium bromate, aqueous	Up to 10 %	+	+
Potassium bromide, aqueous	Each	+	+
Potassium carbonate, aqueous	Each	+	+
Potassium chlorate	Each	+	+
Potassium chloride	Each	+	+
Potassium chromate	40%	+	+
Potassium chrome-(III)-sulphate (chrome alum), aqueous	Saturated	+	+
Potassium cyanide, aqueous	Each	+	+
Potassium dichromate, aqueous	Saturated	+	+
Potassium fluoride, aqueous	Each	+	+
Potassium hexacyanocuprate, aqueous	Saturated	+	+
Potassium hexacyanoferrate, aqueous	Each	+	+
Potassium hydrogencarbonate (Potassium bicarbonate), aqueous	Saturated	+	+
Potassium hydrogensulphate (Potassium bisulphate), aqueous	Saturated	+	+
Potassium hydrogensulphite (Potassium bisulphite), aqueous	Saturated	+	+
Potassium hydroxide, aqueous	Each	+	+
Potassium hypochlorite, aqueous	Saturated	/	-
Potassium iodide	Each	+	+
Potassium nitrate, aqueous	Each	+	+
Potassium perborate		+	+

Substance	Conc.	Temperature	
		20°C	60°C
Potassium perchlorate, aqueous	Up to 10 %	+	/
Potassium perchlorate, aqueous	1 %	+	
Potassium permanganate		+	+
Potassium permanganate, aqueous	Up to 6 %	+	+V
Potassium persulphate, aqueous	Each	+	+
Potassium phosphate, aqueous	Saturated	+	+
Potassium sulphate, aqueous	Each	+	+
Potassium sulphite, aqueous	Saturated	+	+
Potassium thiosulphate, aqueous	Saturated	+	+
Precipitation naphtha DIN 51635		+	/
Propen-2-ol	Technical	+	+
Propen-2-ol		+	+
Propane, gaseous	Technical	+	
Propanol (propylalcohol)		+	+
Propargyl alcohol, aqueous	7 %	+	+
Propionic acid, aqueous	Each	+	+
Propylene dichloride	100 %	-	
Propylene glycol		+	+
Propylene oxide		+	+
Pseudo-cumene		/	/
Pyridine		+	/
Quinine		+	+
Release agent		+	+
Roasting gas, dry	Each	+	+
Rock oil		+	/
Rubber dispersions (latex)		+	+
Sagrotan®		+	/
Salicylic acid		+	+
Salt brine	Saturated	+	+
Saturated steam condensate		+	+
Sauerkraut		+	+
Sea water		+	+
Silicic acid, aqueous	Each	+	+
Silicone emulsion	Commercial	+	+
Silicone oil	Technical	+	+
Silver nitrate		+	+
Silver nitrate, aqueous	Each	+	+
Silver salts, aqueous	Cold saturated	+	+
Soap solution, aqueous	Each	+	+
Soda (sodium carbonate), aqueous	Each	+	+
Sodium acetate, aqueous	Each	+	+
Sodium benzoate		+	+
Sodium benzoate, aqueous	36 %	+	+
Sodium benzoate, aqueous	Each	+	+
Sodium bicarbonate	Saturated	+	+
(Sodium hydrogencarbonate), aqueous			
Sodium bisulphate	Saturated	+	+
(Sodium hydrogensulphate), aqueous			

Substance	Conc.	Temperature	
		20°C	60°C
Sodium bisulphite (Sodium hydrogensulphite), aqueous	Saturated	+	+
Sodium borate		+	+
Sodium carbonate, aqueous	Each	+	+
Sodium chlorate, aqueous	Saturated	+	+
Sodium cyanide		+	+
Sodium dichromate		+	+
Sodium dodecyl benzol sulphonate		+	+
Sodium ferrous cyanide		+	+
Sodium fluoride		+	+
Sodium hexacyanoferrate(II)		+	+
Sodium hexacyanoferrate(III) (Sodium ferrous cyanide), aqueous	Saturated	+	+
Sodium hexametaphosphate, aqueous	Saturated	+	
Sodium hydrogencarbonate (Sodium bicarbonate), aqueous	Saturated	+	+
Sodium hydrogensulphate (Sodium bisulphat), aqueous	Saturated	+	+
Sodium hydrogensulphite (Sodium bisulphit), aqueous	Saturated	+	+
Sodium hydroxide, aqueous	Each	+	+
Sodium hydroxide, solid		+	+
Sodium hypochlorite, aqueous		/	-
Sodium nitrate, aqueous	Each	+	+
Sodium nitrite, aqueous	Each	+	+
Sodium perborate, aqueous	Each	+	/
Sodium perchlorate, aqueous	Each	+	+
Sodium peroxide, aqueous	10 %	+	+
Sodium peroxide, aqueous	Saturated	/	
Sodium phosphate		+	+
Sodium phosphate, aqueous	Saturated	+	+
Sodium silicate, aqueous	Each	+	+
Sodium sulphate, aqueous	Cold saturated	+	+
Sodium sulphide, aqueous	Saturated	+	+
Sodium sulphide, aqueous	Each	+	+
Sodium tetraborate (Borax), aqueous	Saturated	+	+
Sodium thiosulphate, aqueous	Saturated	+	+
Soft soap		+	+
Softener		+	/
Solvent naphtha	Technical	+	/
Soy oil		+	+
Spermaceti wax		+	/
Spindle oil		+ to /	/
Spirit		+	+
Spirit of wine		+	
Spirits		+	
Stain	Used concentration	+	+ to /
Stain remover		+ to /	/
Starch gum (Dextrin), aqueous	18 %	+	+
Starch syrup		+	+

Substance	Conc.	Temperature	
		20°C	60°C
Starch, aqueous	Each	+	+
Starch acid		+	/
Styrene		/	-
Succinic acid, aqueous	50 %	+	+
Sugar syrup		+	+
Sugar-beet juice		+	+
Sulfuryl chloride (sulfonyl chloride)		-	
Sulphates, aqueous solutions	Each	+	+
Sulphur		+	+
Sulphur dioxide, aqueous	Each	+	+
Sulphur dioxide, gaseous		+	+
Sulphur ether (diethyl ether)		+ to /	/*
Sulphuric Acid Dichromate	Conc.	-	
Sulphuric acid, aqueous	Up to 50 %	+	+
Sulphuric acid, aqueous	70 %	+	+
Sulphuric acid, aqueous	80 %	+	+
Sulphuric acid, aqueous	98 %	/	-
Sulphuric trioxide		-	
Sulphurous acid		+	+
Tallow	Technical	+	+
Tannic acid, aqueous	10 %	+	+
Tanning extract, vegetable	Commercial	+	
Tartaric acid, aqueous	Each	+	+
Tetrabromomethane		/ to -	-
Tetrachloroethane		/ to -	-
Tetrachloroethylene		/ to -	-
Tetrachloromethane (carbon tetrachloride)	Technical	/	-
Tetraethyl lead		+	
Tetrahydrofuran	Technical	/ to -	-
Tetrahydronaphthaline (Tetraline®)	Technical	+	-
Thioglycollic acid		+	+
Thionyl chloride		-	
Thiophene		/	-
Tin(II) chloride, aqueous	Each	+	+
Tin(III) chloride, aqueous	Saturated	+	+
Tincture of iodine	Commercial	+	/V
Toluene	Technical	/	-
Toluic acid (methylbenzoic acid)	Saturated	/	
Tomato juice		+	+
Transformer oil (insulating oil)	Technical	+	/
Tri-β-chlorethyl phosphate		+	+
Tributylphosphate		+	+
Trichloroacetaldehyde (Chloral)	Technical	+	+
Trichloroacetic acid	Technical	+	/ to -
Trichloroacetic acid, aqueous	50 %	+	+
Trichlorobenzene		-	-
Trichloroethylene	Technical	+ to /	-
Tricresyl phosphate		+	+

Substance	Conc.	Temperature	
		20°C	60°C
Triethanolamine		+	+V
Triethanolamine (2,2',2''-nitrilo triethanol), aqueous	Saturated	+	/
Triethylene glycol		+	+
Trilon		+	+
Trimethyl borate		+	/ to -
Trimethylolpropane, aqueous		+	+
Trioctylphosphate		+	/
Turpentine	Technical	+ to /	/
Tutogen® U		+	+
Tween® 20 & 80		+	-
Two-cycle oil		+	/
Under chlorous acid		+ to /	/
Urea, aqueous	Up to 33 %	+	+
Uric acid		+	+
Urine		+	+
Vaseline	Technical	+ to /	/
Vinegar (grape vinegar)	Commercial	+	+
Vinyl acetate		+	+
Vinylidene chloride (1,1-dichloroethylene)	Technical	-	
Viscose spinning solution		+	+
Vitamin C		+	
Vitamin preparations, dry (powder)		+	
Walnut oil		+	/
Washing powder, synthetic	Used concentration	+	+
Waste gases containing carbon dioxide	Each	+	+
Waste gases containing carbon monoxide	Each	+	+
Waste gases containing carbonic acid	Each	+	+
Waste gases containing hydrochloric acid	Each	+	+
Waste gases containing hydrofluoric acid	Traces	+	+
Waste gases containing nitrogen oxide	Traces	+	+
Waste gases containing SO ₂	Low	+	+
Waste gases containing sulphur trioxide (oleum)	Traces	-	
Waste gases containing sulphuric acid (moist)	Each	+	+
Water glass		+	+
Water, distilled		+	+
Wax		+	+ to /
Wax emulsions	Commercial	+	/
Waxy alcohol	Technical	/	/
Whey		+	+
Whisky		+	
White oil	Technical	+ to /	/
Wine		+	
Wine vinegar (table vinegar)	Commercial	+	+
Xylol		/	-
Yeast		+	+
Zinc carbonate		+	+
Zinc chloride, aqueous	Each	+	+
Zinc oxide		+	+

Substance	Conc.	Temperature	
		20°C	60°C
Zinc salts, aqueous	Each	+	+
Zinc sludge		+	+
Zinc stearate		+	+
Zinc sulphate, aqueous	Each	+	+