

Table Key

- + Resistant
- / Partial Resistant
- Not Resistant

SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
A				
Acetaldehyde	techn grade	/		
Acetaldehyde, aqueous	any	+	+	
Acetamide		+	+	
Acetic acid (glacial)	100%	+	/D	-
Acetic acid (aqueous)	70%	+	+	+
Acetic acid anhydride techn. Grade	techn grade	+	/D	-
Acetone	100%	+	+(b)	
Acetophenone		+	/	
Acids, aromatic		+	+	
Acrylnitrile	techn grade	+		
Adipic acid, aqueous	saturated	+	+	
Air		+	+	
Alcohol (drinking)		+	+	+(b)
Allyl alcohol (2-propenol-1), aqueous	96%	+	+	
Aluminium chloride, aqueous	any	+	+	+
Aluminium hydroxide			+	+
Aluminium salts, aqueous	any	+	+	+
Aluminium sulphate, solid		+	+	
Alums (all types)	aqueous, any	+	+	
Amino acids		+	+	
2-aminoethanole (ethanolamine)	techn grade	+		
Ammonia water	any	+	+	
Ammonia, aqueous	10%	+	+	
Ammonia, gaseous	100%	+	+	
Ammonia, liquid	100%	+		
Ammonium acetate, aqueous	any	+	+	+
Ammonium chloride, aqueous	any	+	+	+
Ammonium fluoride, aqueous	saturated	+	+	
Ammonium hydrosulphide, aqueous	any	+	+	
Ammonium metaphosphate		+	+	
Ammonium nitrate, aqueous	any	+	+	+
Ammonium phosphate, aqueous	any	+	+	+
Ammonium sulphide, aqueous	any	+	+	
Amyl acetate	techn grade	/	-	
Aniline	any	+	+	
Aniline hydrochloride, aqueous	any	+	+	
Animal oils		+	/	
Anisole	100%	/	/	
Anon (cyclohexanone)		+	/	
Anti-freeze (automotive)	as commercial	+	+	+
Antimony chloride, anhydrous		+	+	
Antimony tri-chloride		+	+	
Apple juice		+	+	
Arsenic acid anhydride		+	+	
Arsenic acid, aqueous	any	+	+	
Ascorbic acid		+	+	
Asphalt		+	/D	
B				
Barium hydroxide, aqueous	any	+	+	
Barium salts, aqueous	any	+	+	+
Battery acid			+	+
Beef dripping		+	+	
Beer		+	+	
Beeswax			+	/
Benzalhyde, aqueous	any	+		
Benzene sulphonic acid			+	+
Benzoid acid, aqueous	any	+	+	+
Benzoyl chloride			/	
Benzil chloride			/	+
Bichromate-sulphuric acid	concentrated	-		

SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
Bismuth salts			+	
Bisulphite liquor			+	+
Bitter almond oil			+	
Borax (sodium tetraborate), aqueous	saturated	+	+	+
Boric acid, aqueous	any	+	+	+
Brake fluid			+	+
Bromochloromethane			-	
Bromic acid	concentrated		/	
Bromine vapours	high	-		
Bromine water	cold saturated	/		
Bromine, liquid	100%	-		
1, 3 butadiene, gaseous	techn grade	/	-	
Butane, gaseous	100%	+	+	
Butane, liquid	100%	+		
Butanediol, aqueous	any	+	+	
2-butenediol-1, 4	techn grade	+	+	
Butanone		+	/	
Butinediol	100%	+	+	
2-butenediol-1, 4	techn grade	+		
Buttermilk		+		
Butyl acetate	techn grade	/	-	
Butyl alcohol		+		
Butyl phenol	techn grade	+		
Butylene (butene), liquid	techn grade	/		
Butylene glycol	techn grade	+		
Butyric acid, aqueous	any	+		
C				
Cake		+	+	+
Calcium carbide		+	+	
Calcium carbonate, aqueous	cold saturated	+	+	+
Calcium chlorated, aqueous	saturated	+	+	
Calcium hydroxide		+	+	
Calcium nitrate, aqueous	cold saturated	+	+	
Calcium oxide (powder)		+	+	
Calcium phosphate		+	+	
Calcium sulphate		+	+	
Camphort		+		
Cane sugar	any	+	+	
Carbazole		+	+	
Carbolic acid (phenol)		+	+D	
Carbolineum	as commercial	+		
Carbolineum, aqueous (for fruit trees)		+D	/D	
Carbon dioxide	100%	+	+	
Carbon tetrachloride (tetrachloromethane)	100%	-		
Carbonic acid, aqueous	any	+	+	
Carbonic acid, dry	100%	+	+	
Caustic soda solution	any	+	+	+
Cetyl alcohol (hexadecanol)		+		
Choral (trichloroacetaldehyde)	techn grade	+	+	
Choral hydrate, aqueous	any	/	-	
Chloric acid, aqueous	1%	+	/	-
Chloric acid, aqueous	20%	+	-	
Chlorinated lime		+	+	
Chlorine water	cold saturated	/	-	
Chlorine, aqueous solution (chlorine water)	cold saturated	/	-	
Chlorine, gaseous, dry	100%	-		
Chlorine, gaseous, moist		-		
Chlorine liquid	100%	-		
Chloroacetic acid	100%	+		

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SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
Chloroacetic acid, aqueous	<85%	+	+	
Chlorobenzene	100%	/	-	
Chloroform	techn grade	/	-	
Chlorosulphonic acid	techn grade	-		
Chrome anode slime		+		
Chromic acid, aqueous	50%	/D	/D	
Chromium salts (dibasic, tribasic), aqueous	saturated	+	+	
Chromium trioxide, aqueous	50%	/D	/D	
Chromium trioxide, aqueous (Chromic acid)	cold saturated	-	-	
Chromosulphuric acid		-		
Cider		+	+	
Cinnamon		+		
Citric acid, aqueous	saturated	+	+	+
Citrus fruit juices		+	+	
City gas / illuminating gas	as commercial	+		
Clove oil		+	/	
Coal-tar oil		+	D	
Cocoa (prepared)		+	+	+
Cocoa powder		+		
Coconut oil		+	+	
Cod-liver oil		+		
Coffee (prepared)		+	+	+
Cognac		+		
Cola concentrates		+	+	
Coolants and lubricants for metalworking "Hoechst"		/	/	
Copper cyanide, aqueous	saturated	+	+	
Copper fluoride, aqueous	saturated	+		
Copper nitrate, aqueous	30%	+	+	
Copper sulphate, aqueous	any	+	+	
Cottonseed oil	techn grade	+	+	
Coumarone resins		+		
Cream, whipped cream		+		
Creosote		+	+D	
Cresol, aqueous	dilute	+	+D	
Crotonaldehyde	techn grade	+		
Cyanide of potash, aqueous	any	+	+	
Cyclanone (fatty alcohol sulphonate)	as commercial	+	+	
Cyclohexane	100%	+		
Cyclohexanol		+	+	
D				
Defoamers		+		
Detergents		+	+	
Detergents, synthetic	end use conc	+	+	+
Developer solutions (photographic)		+D	+D	
Dextrosa		+	+	
1,2-Diaminoethane (ethylenediamine)	techn grade	+	+	
1,2 Dibromoethane		/		
Dibutyl ether		/	-	
Dibutyl sebacate		+		
Dichloroacetic acid	50%	+		
Dichloroacetic acid methyl ester		+	+	
Dichlorobenzene		/		
Dichloroethane		+		
1,1 Dichloroethylene (vinylidene chloride)	techn grade	-		
Diesel fuel / oil	+to /	/		
Diethylen ether	100%	/		

SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
Diethylene glycol		+	+	
Diglycolic acid, aqueous	30%	+	+	
Dihexyl phthalate	techn grade	+	/	
Disobutylketone	techn grade	+	-	
Disoprpyl ether	100%	/	-	
Dimethyl formamide	techn grade	+	+	
Dimethylamine		+		
Diocetylphthalate		+	/	
Dioxane		/	/	-
Disodium phosphate		+	+	
Disodium sulphate		+	+	
Drinking water, also chlorinated		+	+	+
E				
Eau de javelle (potassium hypochlorite bleaching solution)			+to /	/
Edible oil, vegetable		+	/	
Emulsifiers		+	+	
Emulsions (photographic)		+	+	
Engine oil		+	/	
Epichlorohydrin		+		
Epsom sale, aqueous	any	+	+	+
Ethanol	96%	+	+	+
Ethanol denatured with toluene	96% (v/v)	+		
Ether		/		
Ethereal oils		/	-	
Ethyl acetate	techn grade	+	/	
Ethyl alcohol	96%	+	+	+
Ethyl alcohol + acetic acid (fermentation mixture) is used in production			+	+
Ethyl benzene	techn grade	/	-	
Ethyl chloride (chloroethane)	techn grade	-(b)		
Ethyl ether (diethyl ether)	techn grade	/		
Ethylene chloride	100%	/		
Ethylene diamine (1,2 - diaminoethane)	techn grade	+	+	
Ethylene dichloride (dichloroethane)		/		
Ethylene glycol		+	+	+
Ethylene oxide, gaseous	techn grade	+		
Ethlenediamine tetraacetic acid		+	+	
F				
Fatty acid amides		+		
Fatty alcohol sulphonate		+		
Fertilizer salts, aqueous	any	+	+	
Fir-needle oil		+	+	
Fish, pickled		+	+	+
Fixing salt, aqueous	any	+	+	
Floor polish		+	/	
Flour		+		
Flourine, gaseous		-		
Formaldehyde, aqueous	up to 40%	+	+	
Formamide		+	+	
Formic acid, aqueous	50%	+	/	
Formic acid, aqueous	98%	+	-	
Fructose (fruit sugar), aqueous	any	+	+	+
Fruit juices	any	+	+	+
Fruit pulp		+	+	
Fruit salad		+		
Fuel oils		/	/	
Furfuryl alcohol		+	/D	

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SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
G				
Gas, natural and manufactured		+		
Gelatin	techn grade	+	+	
Grenantin	any	+	+	+
Gin		+		
Glauber's salt, aqueous		+	+	+
Glucose, aqueous	any	+	+	+
Glue	any	+		
Glutin glue		+	+	
Glycerin, aqueous	as commercial	+	+	+
Glycol	any	+	+	+
Glycol, aqueous	100%	+	+	+
Glykokoll	as commercial	+	+	
Grapefruit juice		+	+	
H				
Heptane		/	/	
n-Hepte		/	/	
Hexane	100%	+	/	
n-Hexane		+	/	
Honey	100%	+	+	
Horseradish (prepared)		+		
Hydrazine hydrate		+		
Hydrobromic acid, aqueous		+	+	
Hydrocyanic acid	50%	+	+	
Hydrofluoric acid, aqueous		+	+	
Hydrogen	40%	+	+	
Hydrogen chloride gas, dry and moist		+	+D	
Hydrogen peroxide, aqueous		+	/	
Hydrogen sulphide, gaseous	30%	+	+	
Hydroquinone		+D		
Hydrosulfte, aqueous		+	+	
Hydroxylamine sulphate, aqueous	up to 10%	+	+	
Hypochlorous acid	12%	+to	/	/
I, J				
Ink		+	+	
Iodine in potassium iodide solution	3% iodine	+	+	
Iodine tintue, DAB 6	as commercial	+		
Iron (II) chloride, aqueous	saturated	+	+	
Iron (II) sulphate, aqueous	saturated	+	+	
Iron (III) nitrate, aqueous	saturated	+	+	
Iron SALT	saturated	+	+	+
Isobutyl alcohol (isobutanol)		+		
Isoctane		+	/	
Isopropanol	techn grade	+	+	+
Jelly		+	+	+
K				
Kerosene		/	/	-
Ketone		+to	/	
Kippers / pickled herring		+		
L				
Lactic acid, aqueous	any	+	+	+
Lactose (milk sugar)		+	+	
Lanolin (woolfat)		+	/	
Latex		+	+	
Lead acetate, aqueous	any	+	+	
Lead tetraethyl		+		
Lemon juice		+	+	
Lemon oil		+		

SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
Lime		+	+	+
Linseed oil	techn grade	+	+	
Liquid soaps		+	+	
Lithium bromide		+	+	
Lubricating oils	techn grade	+		
M				
Machine oil		+	/	
Magnesium carbonate		+	+	
Magnesium chloride, aqueous	any	+	+	
Magnesium iodide		+	+	
Magnesium salts, aqueous	any	+	+	+
Magnesium sulphate, aqueous	any	+	+	
Maleic acid, aqueous	up to 10%	+	+	
Manganese sulphate		+		
Mash	as supplied	+	+	
Mayonnaise		+		
Menthol	100%	+		
Mercury salts	cold saturated	+	+	
Metal soaps		+		
Methacrylic acid		+	+	
Methanol	techn grade	+	+	
Methyl acetate				
(acetic acid methyl ester)	techn grade	+	+	
Methyl alcohol (methanol)	100%	+	+(b)	
Methyl benzene		/	-	
Methyl bromide				
(bromomethane), gaseous	techn grade	-		
Methyl chloride				
(chloromethane), gaseous	techn grade	-		
Methyl ethyl ketone	techn grade	+	/	
Methyl glycol		+	+	
4-Methyl pentanol-2		+		
Methyl salicylate				
(salicylic acid methyl ester)		+		
Methyl sulphuric acid	50%	+	+	
Methylamine, aqueous	32%	+		
Methylene chloride				
(dichloromethane)	/	-(b)		
Milk		+	+	+
Milk products		+	+	+
Mineral oil				
(free from aromatic hydrocarbons)	+	/	-	
Mineral water		+	+	+
Molasses		+	+	
Monochloroacetic acid		+	+	
Monochloroacetic acid ether ester		+	+	
Monochlorobenzene		+		
Morpholine	100%	+	+	
Motor oil (heavy duty oil)		+	/	
N				
Nail polish		+	/	
Nail polish remover		+	/	
Napthalene	100%	+		
Nickel chloride		+	+	
Nickel nitrate		+	+	
Nickel salts, aqueous	cold saturated	+	+	
Nickel sulphated, aqueous	any	+	+	
Nitric acid	10%	+	+	
Nitric acid	25%	+	/	
Nitric acid	50%	/	-	

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SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
Nitric acid	68%	-	-	
Nitrobenzene	100%	+	/	
Nitrocellulose		+		
o-Nitrotoluene		+	/	
Nonyl alcohol (nonanol)		+		
Nut oil		+		
O				
Octyl cresol	techn grade	/	-	
Oils, ethereal		/	-	
Oleic acid	100%	+	/	-
Olive oil		+	+	+
Orange juice		+	+	
Orange oil (sweet)		+		
Oxalic acid, aqueous	cold saturated	+	/	
Oxygen		+	+	
Ozone (<0,5 ppm)		+	/	
Ozone (50pphm)		+	/	
P				
Palm nut oil		+	/	
Palmitic acid		+	+	
Paraffin		+	+	-
Paraffin emulsions	as commercial	+	+	
Paraformaldehyde		+		
Paraffin oil		+	/	-
Pectin	cold saturated	+	+	
Pentanol		+		
Peppermint oil		+		
Pechloric acid, aqueous	20%	+	+	
Perchloroethylene		/	-	
Perfume		+		
Petroleum		+	/	
Petroleum ether		+	/	
Phenol (carbolic acid)		+	+D	
Phenyl ethyl alcohol		+		
Phenyl hydrazine	techn grade	/		
Phenyl hydrazine hydrochloride		+		
Phosgene, gaseous		/	/	
Phosgene, liquid	100%	-		
Phosphates, aqueous	any	+	+	
Phosphoric acid, aqueous	50%	+	+	+
Phosphorus oxychloride	100%	+	/	
Phosphorus trichloride	100%	+		
Photographic developers as commercial		+D	+D	
Photographic emulsions as commercial		+	+	
Phthalic acid ester		+	/	
Phthalic acid, aqueous	50%	+	+	
Picric acid, aqueous	1%	+		
Pine-needle oil		+	+	
Pineapple juice		+	+	
Plasticizers		+	/	
Polyester plasticizers		+		
Polyester resins		/		
Polyglycols		+	+	
Potassium borate, aqueous	1%	+	+	
Potassium bromate, aqueous	up to 10%	+	+	+
Potassium carbonate (potash), aqueous	cold saturated	+	+	
Potassium chlorate	any	+	+	+
Potassium chloride	any	+	+	+

SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
Potassium chromate, aqueous	40%	+	+	+
Potassium cyanide, aqueous	any	+	+	
Potassium fluoride, aqueous	any	+	+	
Potassium hydrogen carbonate, aqueous	saturated	+	+	
Potassium hydrogen sulfate, aqueous	saturated	+	+	+
Potassium hydroxide	any	+	+	
Potassium iodide	any	+	+	
Potassium nitrate	any	+	+	
Potassium perchlorate, aqueous	1%	+	+	
Potassium permanganate	up to 6%	+	+D	
Potassium persulphate	any	+	+	
Potassium sulphate	any	+	+	
Potassium sulphite, aqueous	saturated	+	+	
Potassium thiosulphate, aqueous	saturated	+	+	
Potato (mashed)		+	+	
Propane, gaseous	techn grade	+	+	
Propane, liquid	100%	+		
Propanol (propyl alcohol)		+	+	
n-Propanol (n-propyl alcohol)		+	+	
Propargyl alcohol, aqueous	7%	+	+	
Propylene dichloride	100%	-		
Propylene glycol	100%	+	+	
Pyridine	100%	/	/	
Q, R				
Quark		+		
Quinine		+	+	
Raw gasoline		/	-	
Roasting gases, dry	any	+	+	
Rum		+	+	
S				
Salicylic acid		+	+	
Salt brine	saturated	+	+	
Salt water	any	+	+	+
Salt, dry		+	+	+
Sauerkraut (pickled cabbage)		+	+	+
Sea water		+	+	+
Sewage		+	+	
Shoe polish		+	/	
Silicic acid, aqueous	any	+	+	
Silicone oil	techn grade	+	+	
Silver nitrate, aqueous	any	+	+	
Silver salts, aqueous	cold saturated	+	+	
Soap (bar)		+	+	
Soap solution, aqueous	any	+	+	
Soda water		+		
Sodium acetate, aqueous	any	+	+	+
Sodium aluminium sulphate		+	+	
Sodium benzoate, aqueous	any	+	+	
Sodium borate		+	+	
Sodium bromide		+	+	
Sodium carbonate, aqueous		+	+	+
Sodium chlorate	25%	+	+	
Sodium chloride, aqueous		+	+	+
Sodium chromate		+	+	
Sodium cyanide		+	+	
Sodium dichromate		+	+	
Sodium fluoride		+	+	
Sodium hexacyanoferrate (II)		+	+	
Sodium hexametaphosphate, aqueous	saturated	+	+	

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SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
Sodium hydrogen sulphite, aqueous	saturated	+	+	
Sodium hydroxide, aqueous	any	+	+	
Sodium hydroxide, solid	100%	+	+	
Sodium Ironcyanide		+	+	
Sodium nitrate, aqueous	any	+	+	
Sodium perborate, aqueous	any	+	+	+
Sodium phosphate, aqueous	saturated	+	+	+
Sodium sulphate, aqueous	cold saturated	+	+	+
Sodium sulphide, aqueous	saturated	+	+	
Sodium sulphite, aqueous	40%	+	+	+
Sodium thiosulphate, aqueous	saturated	+	+	
Soft soap		+	+	
Soya bean oil		+	/	
Spermaceti		+		
Spindle oil		+	-	
Spirit of turpentine	techn grade	-		
Spirits		+		
Standard grade petrol		/	-	
Starch syrup		+	+	
Stearic acid	100%	+	/	
Styrene		/	-	
Succinic acid, aqueous	cold saturated	+	+	
Sugar beet juice		+	+	+
Sugar solutions	any	+	+	+
Sugar syrup		+	+	+
Sulphates, aqueous solution	any	+	+	
Sulphur	100%	+	+	+
Sulphur dioxide, aqueous	any	+	+	
Sulphur dioxide, gaseous		+	+	
Sulphuric acid	98%	/	-	
Sulphuric acid, aqueous	10%	+	+	+
Sulphuric acid, aqueous	70%	+	/	
Sulphuric acid, aqueous	85%	+	/	
Sulphuric acid, aqueous	up to 50%	+	+	
Sulphuric ether		/		
Sulphurous acid		+	+	
Sulphuryl chloride (sulphonyl chloride)		-		
T				
Tallow	techn grade	+	+	
Tanning extracts vegetable	as commercial	+	/	
Tar		+	/	
Tartaric acid, aqueous	cold saturated	+	+	
Tea leaves		+	+	
Terpentine		/	-	
Tetrachlorethane	100%	/	-	
Tetrachlorethylene (perchloroethylene)	100%	/	-	
Tetrahydrofurane	100%	/	-	
Tetrahydronaphthalene (tetralin)	100%	/	-	
Thioglycolic acid		+	+	
Thiophene	100%	/	-	
Tin (II) chloride, aqueous	any	+	+	
Tincture of iodine		+		
Toluene	Techn grade	/	-	
Tomato ketchup		+	+	
Toothpastes		+	+	
Transformer oil	techn grade	+	/	
Tributyl phosphate		+	+	
Trichloroacetaldehyde (chloral)	techn grade	+	+	
Trichloroacetic acid	techn grade	+		

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Trichloroethylene	techn grade	/	/	
Tricresyl phosphate		+	/	
Triethanolamine		+	+D	
Triethylene glyco		+	+	
Trimethylol propane, aqueous		+	+	
Tricetyl phosphate		+		
Trisodium phosphate		+	+	
Two-stroke oil		+		
U				
Urea, aqueous	cold saturated	+	+	
Urea, aqueous	up to 33%	+	+	
Uric acid		+		
Urine		+	+	
V				
Vanilla		+		
Vaseline	techn grade	+	/	
Vaseline oil	techn grade	+	/	-
Vegetables		+	+	+
Vinyl acetate		+	/	
Viscose spinning solutions		+	+	
Vitamin C		+		
W				
Walnut oil		+		
Washing-up liquid	ready for use	+	+	+
Washing-up liquid	as commercial	+		
Waste gases containing carbon dioxide	any	+	+	
Waste gases containing hydrochloric acid	any	+	+	
Waste gases containing sulphur dioxide	low	+	+	
Water	100%	+	+	+
Water glass		+	+	
Water, distilled		+	+	+
Waxes		+	+to /	
Whey		+	+	
Whisky		+		
White spirit		/	-	
Wine		+	+	
Wine Vinegar (table vinegar)	as commercial	+	+	
Wine, mulled		+	+	
X, Y, Z				
Xylene	100%	/	-	
Yeast	any	+		
Zinc carbonate		+	+	
Zinc oxide		+	+	+
Zinc salts, aqueous	any	+	+	
Zinc sludge		+	+	
Zinc stearate		+	+	+