

⊕ Resistente / Resistant ◐ Parcialmente Resistente / Partial resistant ● No resistente / No resistant

SUBSTANCE	CONCENTRATION	20°C	60°C	100°C	SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
A					C				
Acetaldehyde	techn. grade	/			Butter milk		+		
Acetaldehyde, aqueous	any	+	+		Butyl acetate	techn. grade	/	-	
Acetamide		+	+		Butyl alcohol		+		
Acetic acid (glacial)	100%	+	/D	-	Butyl phenol	techn. grade	+		
Acetic acid, aqueous	70%	+	+	+	Butylene (butene), liquid	techn. grade	/		
Acetic anhydride techn. Grade	techn. grade	+	/D	-	Butylene glycol	techn. grade	+		
Acetone	100%	+	+(b)		Butyric acid, aqueous	any	+		
Acetophenone		+	/		C				
Acids, aromatic		+	+		Cake		+	+	+
Acrylonitrile	techn. grade	+			Calcium carbide		+	+	
Adipic acid, aqueous	saturated	+	+		Calcium carbonate, aqueous	cold saturated	+	+	+
Air	techn. grade	+	+	+	Calcium chlorated, aqueous	saturated	+	+	
Alcohol (drinking)		+	+	+(b)	Calcium hydroxide		+	+	
Allyl alcohol (2-propenol-1), aqueous	96%	+	+		Calcium nitrate, aqueous	cold saturated	+	+	
Aluminium chloride, aqueous	any	+	+	+	Calcium oxide (powder)		+	+	
Aluminium hydroxide		+	+	+	Calcium phosphate		+	+	
Aluminium salts, aqueous	any	+	+	+	Calcium sulphate		+	+	
Aluminium sulphate, solid		+	+		Camphor		+		
Alums (all types)	aqueous, any	+	+		Cane sugar,	any	+	+	
Amino acids		+	+		Carbazole		+		
2-aminoethanol (ethanolamine)	techn. grade	+			Carbolic acid (phenol)		+	+	D
Ammonia water	any	+	+		Carbolineum	as commercial	+		
Ammonia, aqueous	10%	+	+		Carbolineum, aqueous (for fruit trees)		+	D	/D
Ammonia, gaseous	100%	+	+		Carbon dioxide	100%	+	+	
Ammonia, liquid	100%	+			Carbon tetrachloride (tetrachloromethane)	100%	-		
Ammonium acetate, aqueous	any	+	+	+	Carbonic acid, aqueous	any	+	+	
Ammonium chloride, aqueous	any	+	+	+	Carbonic acid, dry	100%	+	+	
Ammonium fluoride, aqueous	saturated	+	+		Caustic soda solution	any	+	+	+
Ammonium hydrosulphide, aqueous	any	+	+		Cetyl alcohol (hexadecanol)		+		
Ammonium metaphosphate		+	+		Chloral (trichloroacetaldehyde)	techn. grade	+	+	
Ammonium nitrate, aqueous	any	+	+	+	Chloral hydrate, aqueous	any	/	-	
Ammonium phosphate, aqueous	any	+	+	+	Chloric acid, aqueous	1%	+	/	-
Ammonium sulphide, aqueous	any	+	+		Chloric acid, aqueous	20%	+	-	
Amyl acetate	techn. grade	/	-		Chlorinated lime		+	+	
Aniline	any	+	+		Chlorine water	cold saturated	/	-	
Aniline hydrochloride, aqueous	any	+	+		Chlorine, aqueous solution (chlorine water)	cold saturated	/	-	
Animal oils		+	/		Chlorine, gaseous, dry	100%	-		
Anisole	100%	/	/		Chlorine, gaseous, moist		-		
Anon (cyclohexanone)		+	/		Chlorine liquid	100%	-		
Anti-freeze (automotive)	as commercial	+	+	+	Chloroacetic acid	100%	+		
Antimony chloride, anhydrous		+	+		Chloroacetic acid, aqueous	<85%	+	+	
Antimony tri-chloride		+	+		Chlorobenzene	100%	/	-	
Apple juice		+	+		Chloroform	techn. grade	/	-	
Arsenic acid anhydride		+	+		Chlorosulphonic acid	techn. grade	-		
Arsenic acid, aqueous	any	+	+		Chrome anode slime		+		
Ascorbic acid		+	+		Chromic acid, aqueous	50%	/D	/D	
Asphalt		+	/D		Chromium salts (dibasic, tribasic), aqueous	saturated	+	+	
B					Chromium trioxide, aqueous	50%	/D	/D	
Barium hydroxide, aqueous	any	+	+		Chromium trioxide, aqueous (Chromic acid)	cold saturated	-	-	
Barium salts, aqueous	any	+	+	+	Chromosulphuric acid		-		
Battery acid			+	+	Cider		+	+	
Beef dripping			+	+	Cinnamon		+		
Beer			+	+	Citric acid, aqueous	saturated	+	+	+
Beeswax			+	/	Citrus fruit juices		+	+	
Benzaldehyde, aqueous	any	+			City gas / illuminating gas	as commercial	+		
Benzene sulphonic acid			+	+	Clove oil		+	/	
Benzoic acid, aqueous	any	+	+	+	Cloves (spice)		+		
Benzoyl chloride			/		Coal-tar oil		+	D	
Benzil chloride			/	-	Cocoa (prepared)		+	+	+
Bichromate-sulphuric acid	concentrated	-			Cocoa powder		+		
Bismuth salts			+		Coconut oil		+	+	
Bisulphite liquor			+	+	Cod-liver oil		+		
Bitter almond oil			+	+	Coffee (prepared)		+	+	+
Borax (sodium tetraborate), aqueous	saturated	+	+	+	Cognac		+		
Boric acid, aqueous	any	+	+	+	Cola concentrates		+	+	
Brake fluid			+	+	Coolants and lubricants for metalworking "Hoechst"		/	/	
Bromochloromethane			-		Copper cyanide, aqueous	saturated	+	+	
Bromic acid	concentrated		/		Copper fluoride, aqueous	saturated	+		
Bromine vapours	high				Copper nitrate, aqueous	30%	+	+	
Bromine water	cold saturated	/			Copper sulphate, aqueous	any	+	+	
Bromine, liquid	100%	-			Cottonseed oil	techn. grade	+	+	
1,3 butadiene, gaseous	techn. grade	/	-		Coumarone resins		+		
Butane, gaseous	100%	+	+		Cream, whipped cream		+		
Butane, liquid	100%	+			Creosote		+		+
Butanediol, aqueous	any	+	+		Cresol, aqueous	dilute	+	+	+
2-butenediol-1,4	techn. grade	+	+		Crotonaldehyde	techn. grade	+		
Butanone		+	/		Cyanide of potash, aqueous	any	+	+	
Butynediol	100%	+	+		Cyclanone (fatty alcohol sulphionate)	as commercial	+	+	
2-butenediol-1,4	techn. grade	+			Cyclohexane	100%	+		
					Cyclohexanol		+	+	

SUBSTANCE	CONCENTRATION	20°C	60°C	100°C	SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
D					G				
Defoamers		+			Gas, natural and manufactured	techn. grade	+		
Detergents		+	+		Gelatin	any	+	+	
Detergents, synthetic	end use conc.	+	+	+	Genantfin		+	+	+
Developer solutions (photographic)		+D	+D		Gin		+		
Dextrosa		+	+		Glauber's salt, aqueous	any	+	+	+
1,2-Diaminoethane (ethylenediamine)	techn. grade	+	+		Glucose, aqueous	any	+	+	+
1,2-Dibromoethane		/			Glue		+		
Dibutyl ether		/	-		Glutin glue	as commercial	+	+	
Dibutyl sebacate		+			Glycerin, aqueous	any	+	+	+
Dichloroacetic acid	50%	+			Glycol	100%	+	+	+
Dichloroacetic acid methyl ester		+	+		Glycol, aqueous	as commercial	+	+	+
Dichlorobenzene		/			Glykokoll		+	+	
Dichloroethane		+			Grapefruit juice		+	+	
1,1 Dichloroethylene (vinylidene chloride)	techn. grade	-							
Diesel fuel/oil		+to/	/		H				
Diethylen ether	100%	/			Heptane		/	/	
Diethylene glycol		+	+		n-Heptane	100%	/	/	
Diglycolic acid, aqueous	30%	+	+		Hexane		+	/	
Dihexyl phthalate	techn. grade	+	/		n-Hexane	100%	+	/	
Diisobutylketone	techn. grade	+	-		Honey		+	+	
Diisopropyl ether	100%	/	+		Horseradish (prepared)		+		
Dimethyl formamide	techn. grade	+	+		Hydrazine hydrate		+		
Dimethylamine		+			Hydrobromic acid, aqueous	50%	+	+	
Diocetylphthalate		+	/		Hydrocyanic acid		+	+	
Dioxane		/	/	-	Hydrofluoric acid, aqueous	40%	+	+	
Disodium phosphate		+	+		Hydrogen		+	+	
Disodium sulphate		+	+		Hydrogen chloride gas, dry and moist		+	+	+D
Drinking water, also chlorinated		+	+	+	Hydrogen peroxide, aqueous	30%	+	/	
					Hydrogen sulphide, gaseous		+	+	
					Hydroquinone		+D		
E					Hydroxylamine sulphate, aqueous	up to 10%	+	+	
Eau de javelle (potassium hypochlorite bleaching solution)		+to/	/		Hypochlorous acid	12%	+	+	
Edible oil, vegetable		+	/			+to/	/		
Emulsifiers		+	+		I J				
Emulsions (photographic)		+	+		Ink		+	+	
Engine oil		+	/	-	Iodine in potassium iodide solution	3% iodine	+	+	
Epichlorohydrin		+			Iodine tincture, DAB 6	as comercial	+	+	
Epsom salt, aqueous	any	+	+	+	Iron (II) chloride, aqueous	saturated	+	+	
Ethanol	96%	+	+	+	Iron (II) sulphate, aqueous	saturated	+	+	
Ethanol denaturated with toluene	96% (v/v)	+	+	+	Iron (III) nitrate, aqueous	saturated	+	+	
Ether		/			Iron SALT	saturated	+	+	+
Ethereal oils		/	-		Isobutyl alcohol (isobutanol)		+		
Ethyl acetate	techn. grade	+	/		Isocitane		+	/	
Ethyl alcohol	96%	+	+	+	Isopropanol	techn. grade	+	+	+
Ethyl alcohol + acetic acid (fermentation mixture)	is used in production	+	+		Jelly		+	+	+
Ethyl benzene	techn. grade	/	-						
Ethyl chloride (chloroethane)	techn. grade	-(b)			K				
Ethyl ether (diethyl ether)	techn. grade	/			Kerosene		/	/	-
Ethylene chloride	100%	/			Ketone	+to/			
Ethylene diamine (1,2-diaminoethane)	techn. grade	+	+		Kippers / pickled herring	+			
Ethylene dichloride (dichloroethane)		/			L				
Ethylene glycol		+	+	+	Lactic acid, aqueous	any	+	+	+
Ethylene oxide, gaseous	techn. grade	+			Lactose (milk sugar)		+	+	
Ethylenediamine tetraacetic acid		+	+		Lanolin (woolfat)		+	/	
					Latex		+	+	
					Lead acetate, aqueous	any	+	+	
					Lead tetraethyl		+		
					Lemon juice		+	+	
					Lemon oil		+		
					Lime		+	+	+
					Linseed oil	techn. grade	+	+	
					Liquid soaps		+	+	
					Lithium bromide		+	+	
					Lubricating oils	techn. grade	+		
					M				
					Machine oil		+	/	-
					Magnesium carbonate		+	+	
					Magnesium chloride, aqueous	any	+	+	
					Magnesium iodide		+	+	

SUBSTANCE	CONCENTRATION	20°C	60°C	100°C	SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
Magnesium salts, aqueous	any	+	+	+	Phenol (carbolic acid)		+		+D
Magnesium sulphate, aqueous	any	+	+		Phenyl ethyl alcohol		+		
Maleic acid, aqueous	up to 10%	+	+		Phenyl hydrazine	techn. grade	/		
Manganese sulphate		+			Phenyl hydrazine hydrochloride		+		
Mash	as supplied	+	+		Phosgene, gaseous		/	/	
Mayonnaise		+			Phosgene, liquid	100%	-		
Menthol	100%	+			Phosphates, aqueous	any	+	+	
Mercury salts	cold saturated	+	+		Phosphoric acid, aqueous	50%	+	+	+
Metal soaps		+			Phosphorus oxychloride	100%	+	/	
Methacrylic acid		+	+		Phosphorus trichloride	100%	+		
Methanol	techn. grade	+	+		Photographic developers as commercial	+D	+D		
Methyl acetate (acetic acid methyl ester)	techn. grade	+	+		Photographic emulsions as commercial	+	+		
Methyl alcohol (methanol)	100%	+	+(b)		Phthalic acid ester	+	+	/	
Methyl benzene	/	/	-		Phthalic acid, aqueous	50%	+	+	
Methyl bromide (bromomethane), gaseous	techn. grade	-			Picric acid, aqueous	1%	+		
Methyl chloride (chloromethane), gaseous	techn. grade	-			Pine-needle oil			+	
Methyl ethyl ketone	techn. grade	+	/		Pineapple juice		+	+	
Methyl glycol		+	+		Plasticizers		+	/	
4-Methyl pentanol-2		+			Polyester plasticizers		+		
Methyl salicylate (salicylic acid methyl ester)		+			Polyester resins	/			
Methyl sulphuric acid	50%	+	+		Polyglycols		+	+	
Methylamine, aqueous	32%	+			Potassium borate, aqueous	1%	+	+	
Methylene chloride (dichloromethane)	/	-(b)			Potassium bromate, aqueous	up to 10%	+	+	+
Milk		+	+	+	Potassium carbonate (potash), aqueous	cold saturated	+	+	
Milk products		+	+	+	Potassium chlorate	any	+	+	+
Mineral oil (free from aromatic hydrocarbons)	+	/	-		Potassium chloride	any	+	+	+
Mineral water		+	+	+	Potassium chromate, aqueous	40%	+	+	+
Molasses		+	+		Potassium cyanide, aqueous	any	+	+	
Monochloroacetic acid		+	+		Potassium fluoride, aqueous	any	+	+	
Monochloroacetic acid ethyl ester		+	+		Potassium hydrogen carbonate, aqueous	saturated	+	+	
Monochlorobenzene		+			Potassium hydrogen sulfate, aqueous	saturated	+	+	+
Morpholine	100%	+	+		Potassium hydroxide	any	+	+	
Motor oil (heavy duty oil)		+	/		Potassium iodide	any	+	+	
					Potassium nitrate	any	+	+	
N					Potassium perchlorate, aqueous	1%	+	+	
Nail polish		+	/		Potassium permanganate	up to 6%	+	+	+D
Nail polish remover		+	/		Potassium persulphate	any	+	+	
Naphthalene	100%	+			Potassium sulphate	any	+	+	
Nickel chloride		+	+		Potassium sulphite, aqueous	saturated	+	+	
Nickel nitrate		+	+		Potassium thiosulphate, aqueous	saturated	+	+	
Nickel salts, aqueous	cold saturated	+	+		Potato (mashed)		+	+	
Nickel sulphated, aqueous	any	+	+		Propane, gaseous	techn. grade	+	+	
Nitric acid	10%	+	+		Propane, liquid	100%	+		
Nitric acid	25%	+	/		Propanol (propyl alcohol)		+	+	
Nitric acid	50%	/	-		n-Propanol (n-propyl alcohol)		+	+	
Nitric acid	68%	-	-		Propargyl alcohol, aqueous	7%	+	+	
Nitrobenzene	100%	+	/		Propylene dichloride	100%	-		
Nitrocellulose		+			Propylene glycol	100%	+	+	
o-Nitrotoluene		+	/		Pyridine	100%	/	/	
Nonyl alcohol (nonanol)		+							
Nut oil		+			Q / R				
					Quark		+		
O					Quinine		+	+	
Octyl cresol	techn. grade	/	-		Raw gasoline		/	-	
Oils, ethereal		/	-		Roasting gases, dry	any	+	+	
Oleic acid	100%	+	/	-	Rum		+	+	
Olive oil		+	+	+					
Orange juice		+	+		S				
Orange oil (sweet)		+			Salicylic acid		+	+	
Oxalic acid, aqueous	cold saturated	+	/		Salt brine	saturated	+	+	
Oxygen		+	+		Salt water	any	+	+	+
Ozone (<0,5 ppm)		+	/		Salt, dry		+	+	+
Ozone (50 ppm)		+	/		Sauerkraut (pickled cabbage)		+	+	+
					Sea water		+	+	+
P					Sewage		+	+	
Palm nut oil		+	/		Shoe polish		+	/	
Palmitic acid		+	+		Silicic acid, aqueous	any	+	+	
Paraffin		+	+	-	Silicone oil	techn. grade	+	+	
Paraffine emulsions	as commercial	+	+		Silver nitrate, aqueous	any	+	+	
Paraformaldehyde		+			Silver salts, aqueous	cold saturated	+	+	
Paraffin oil		+	/	-	Soap (bar)		+	+	
Pectin	cold saturated	+	+		Soap solution, aqueous	any	+	+	
Pentanol		+			Soda water		+		
Peppermint oil		+			Sodium acetate, aqueous	any	+	+	+
Pechloric acid, aqueous	20%	+	+		Sodium aluminium sulphate		+	+	
Perchloroethylene		/	-		Sodium benzoate, aqueous	any	+	+	
Perfume		+			Sodium borate		+	+	
Petroleum		+	/		Sodium bromide		+	+	
Petroleum ether		+	/		Sodium carbonate, aqueous		+	+	+
					Sodium chlorate	25%	+	+	

SUBSTANCE	CONCENTRATION	20°C	60°C	100°C	SUBSTANCE	CONCENTRATION	20°C	60°C	100°C
Sodium chloride, aqueous		+	+	+	V				
Sodium chromate		+	+		Vanilla		+		
Sodium cyanide		+	+		Vaseline	techn. grade	+	/	
Sodium dichromate		+	+		Vaseline oil	techn. grade	+	/	-
Sodium fluoride		+	+		Vegetables		+	+	+
Sodium hexacyanoferrate (II)		+	+		Vinyl acetate		+	/	
Sodium hexametaphosphate, aqueous	saturated	+	+		Viscose spinning solutions		+	+	
Sodium hydrogen sulphite, aqueous	saturated	+	+		Vitamin C		+		
Sodium hydroxide, aqueous	any	+	+						
Sodium hydroxide, solid	100%	+	+		W				
Sodium Ironcyanide		+	+		Walnut oil		+		
Sodium nitrate, aqueous	any	+	+		Wahing-up liquid	reay for use		+	+
Sodium perborate, aqueous	any	+	+	+	Wahing-up liquid	as commercial	+		
Sodium phosphate, aqueous	saturated	+	+	+	Waste gases containing carbon dioxide	any	+	+	
Sodium sulphate, aqueous	cold saturated	+	+	+	Waste gases containing hydrochloric acid	any	+	+	
Sodium sulphide, aqueous	saturated	+	+		Waste gases containing sulphur dioxide	low	+	+	
Sodium sulphite, aqueous	40%	+	+	+	Water	100%	+	+	+
Sodium thiosulphate, aqueous	saturated	+	+		Water glass		+	+	
Soft soap		+	+		Water, distilled		+	+	+
Soya bean oil		+	/		Waxes		+	+10/	
Spermaceti		+			Whey		+	+	
Spindle oil		+	-		Whisky		+		
Spirit of terpenfine	techn. grade	-			White spirit		/	-	
Spirits		+			Wine		+	+	
Standard grade petrol		/	-		Wine Vinegar (table vinegar)	as comercial	+	+	
Starch syrup		+	+		Wine, mulled		+	+	
Stearic acid	100%	+	/		X, Y, Z				
Styrene		/	-		Xylene	100%	/	-	
Sucinic acid, aqueous	cold saturated	+	+		Yeast	any	+		
Sugar beet juice		+	+	+	Zinc carbonate		+	+	
Sugar solutions	any	+	+	+	Zinc oxide		+	+	+
Sugar syrup		+	+	+	Zinc salts, aqueous	any	+	+	
Sulphates, aqueous solution	any	+	+		Zinc sludge		+	+	
Sulphur	100%	+	+	+	Zinc stearate		+	+	+
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)	techn. grade	-							
T									
Tallow	techn. grade	+	+						
Tanning extracts vegetable	as commercial	+	/						
Tar		+	/						
Tartaric acid, aqueous	cold saturated	+	+						
Tea leaves		+	+						
Terpentine		/	-						
Tetrachloroethane	100%	/	-						
Tetrachloroethylene (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	+	+						
Trichloroethylene	techn. grade	/	/						
Tricresyl phosphate		+	/						
Triethanolamine		+	+D						
Triethylene glyco		+	+						
Trimethylol propane, aqueous		+	+						
Trioctyl phosphate		+							
Trisodium phosphate		+	+						
Two-stroke oil		+							
U									
Urea, aqueous	cold saturated	+	+						
Urea, aqueous	up to 33%	+	+						
Uric acid		+							
Urine		+	+						