Substance	Formula	Concentration	Chemical Resistance of KKVJ		
			20° C	60° C	80° C
Acetaldehyde, aqueous		40%	+	+	
Acetamide, aqueous	$CH_3.CONH_2$		+	+	
Acetic acid	$CH_3.COOH$	100%	+		-
Acetic adic, aqueous		70%	+	+	+
Acetetic anhydride	$(CH_3CO)_2O$	techn. grade	+		-
Acetone	$(CH_3)_2CO$	techn. grade	+	+	
Acetophenone	$C_6H_5CO._2CH_3$	techn. grade	+		
Acrylonitrile	$CH_2:CH._2CN$	techn. grade	+		
Adipic acid, aqueous	$(CH_2CH_2C.COOH)_2$	saturated	+	+	+
Air			+	+	+
Ally alcohol (2-Propenol-1)	$CH_2CH:CH_2OH$	96%	+	+	
Aluminium chloride, aqueous	$AlCl_3, AlCl_3.6H_2O$	any	+	+	+
Aluminium cloride, solid			+	+	
Aluminium floride	$AlF_3, AlF_3.H_2O$ $AlF_3.3^1/_2 H_2O$	conc.	+	+	+
Aluminium hydroxide (See Note 2)	$Al(OH)_3$		+	+	
Aluminium metaphosphate	$Al (PO_3)_3$		+	+	+
Aluminium sulphate, aqueous	$Al_2(SO_4)_3$, $Al_2(SO_4)_3$. 18 H_2O	saturated	+	+	+
Aluminium sulphate, solid			+	+	
Alum, aqueous (See Note 1)		any	+	+	+
Amino acids			+	+	+
2-Aminoethanol (Ethanolamine)	$H_2NCH_2CH_2OH$	techn. grade	+		
Ammonia, aqueous	NH_3	any	+	+	
Ammonia, gaseous			+	+	
Ammonia, liquid			+		
Ammonia water		any	+	+	
Ammonium acetate, aqueous	$CH_3CO_2NH_4$	any	+	+	+
Ammonium carbonate, aqueous (See Note 3)	$NH_4HCO_3NH_2COONH_4, H_2NCOONH_4$	any	+	+	+
Ammonium chloride, aqueous (See Note 3)	NH_4Cl	any	+	+	+
Ammonium fluoride, aqueous (See Note 3)	NH_4F	saturated	+	+	
Ammonium hydrogen carbonate, aqueous	NH_4HCO_3	saturated	+	+	
Ammonium hydrosulphide, aqueous	NH_4HS	any	+	+	
Ammonium nitrate, aqueous	NH_4NO_3	any	+	+	+
Ammonium phosphate(s)	$NH_4H_2PO_4, (NH_4)_2HPO_4, (NH_4)3PO_4.3H_2O$	any	+	+	+
Ammonium sulphate, aqueous	$(NH_4)_2SO_4$	any	+	+	+
Ammonium sulphide, aqueous	$(NH_4)_2S$	any	+	+	+
Ammonium thiocyanate	NH_4SCN			-	-
Amyl acetate	$CH_3.COO.(CH_2)_4.CH_3$, Pentyl acetate	techn. grade		-	-
Amyl alcohol (C_5 alcohols)	$CH_3.(CH_2)_3.CH_2OH$, Pentan-1-ol, Butyl carbinol	tech. grade	+	+	+
Aniline	$C_6H_5NH_2$	any	+	+	
Aniline hydrochloride, aqueous	$C_6H_5NH_2.HCl$	any	+	+	
Animal oils			+		
Anon (Cyclohexanone)	$CH_2.(CH_2)_4.CO$		+		
Anthraquinone sulphonic acid, aqueous (susp.)	$C_6H_4(CO_2)C_6H_4SO_3H$		+		
Antifreeze (automotive) (See Note 4)		as supplied commercially			
Antimony chloride, anhydrous	$SbCl_3$		+	+	
Antimony pentachloride	$SbCl_3$		+	+	
Antimoney trichloride	$SbCl_5$, Antimony (III) chloride, Butter of Antimony		+	+	
Aqua regia	(HCl+ HNO_3)		-	-	

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Substance	Formula	Concentration	Chemical Resistance of KKVJ		
			20° C	60° C	80° C
Aromatic oils			-	-	
Arsenic acid, aqueous	HA_5O_3	any	+	+	
Arsenic acid anhydride			+	+	
Ascorbic acid			+	+	
Asphalt			+		
® Asprin			+		
Barium hydroxide, aqueous	$Ba(OH)_28H_2O$	any	+	+	+
Battery acid	conc. H_2SO_4 diluted with water to about 25%		+	+	
Beater glue (animal glue)		as supplied	+	+	
Beef tallow			+	+	
Beer			+	+	
Beer sugar colouring		as supplied commercially	+	+	
Beeswax			+		
Benzaldehyde, aqueous	$C_6H_5.CHO$	any	+		
Benzene	C_6H_6	techn. grade	-	-	
Benzene sulphonic acid	$C_6H_5SO_3H$		+	+	
Benzoic acid, aqueous	$C_6H_5CO_2H$		+	+	+
Benzyl alcohol	$C_6H_5.CH_2OH$		+	+	
Benzyl chloride	$C_6H_5.CH_2Cl$		-	-	-
Bichromate - sulphuric acid		conc.	-	-	-
Bismuth salts			+		
Bisulphite liquor			+	+	
Bitumen			+		
Bleaching solution containing 12.5% active chlorine**			-	-	-
Bone oil			+	+	
Borax (Sodium tetraborate), aqueous	Na_2B_4O7, $Na_2B_4O_7.10H_2O$, di-Sodium tetraborate	saturated	+	+	+
Boric acid, aqueous	H_3BO_3	any	+	+	+
Brandy			+	+	
Bromic acid	Hbr	conc.	-	-	-
Bromine, liquid	Br_2	100%	-	-	-
Bromine vapours			-	-	-
Butanediol, aqueous	$HO(CH_2)_4OH$	any	+	+	+
Butanetriol, aqueous	$HOCH_2CH_2CH(OH)CH_2OH$	any	+	+	
Butanol, aqueous	$CH_3(CH_2)_3OH$	any	+		
Butanone	$C_2H_5COCH_3$		+		
2-Butenediol-1.4	$HOCH_2CH= CHCH_2OH$	techn. grade	+	+	
2-Butynediol-1.4	$HOCH_2C= CCH_2OH$	techn. grade	+		
® Butoxyl (Metoxybutylacetate)	$CH_3COO(CH_2)_4OCH_3$		+		
Butter			+	+	
Butylene glycol	$HO(CH_2)_4OH$	techn. grade	+		
Butyl acetate	$CH_3.COO.(CH_2)_3.CH_3$		*	-	-
Butyl acrylate	$H_2C= CHCO_2(CH_2)_3CH_3$		+		
Butyl alcohol	$CH_3.(CH_2)_3OH$, Buton-I-ol		+		
Butyl phenol	$C_2H_5CH(CH_3)C_6H_4OH$	techn. grade	+		
Butyl phenone	$C_6H_5O(CH_2)_4CH_3$	techn. grade	-	-	-
Butyl phthalate (Dibutyl phthalate)	$C_6H_4O(COOC_4H_9)_2$	techn. grade	+		
Butyric acid, auqeous	$CH_3.CH_2.CH_2.COOH$,	any	+		
Calcium carbide	CaC_2		+	+	
Calcium carbonate (See Note 5)	$CaCO_3$		+	+	+
Calcium chlorate, aqueous	$Ca(ClO_3)_2$	saturated	+	+	
Calcium chloride, aqueous	$CaCl_2$,$CaCl_2.2H_2O$,$CaCl_2.6H_2O$	saturated	+	+	+
Calcium hydroxide (See Note 5)	$Ca(OH)_2$		+	+	+

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Substance	Formula	Concentration	Chemical Resistance of KKVJ		
			20° C	60° C	80° C
Calcium hypochlorite, aqueous (suspension)	$Ca(OCl)_2$		*	*	-
Calcium nitrate, aqueous	$Ca(NO_3)_2$, $Ca(NO_3)_2.4H_2O$	50%	+	+	+
Calcium oxide (powder) (See Note 6)	CaO		+	+	
Calcium sulphate (See Note 5)	$CaSO_4$, $CaSO_4.2H_2O$ (Gypsum), $CaSO_4.^1/_2 H_2O$ (Plaster of Paris)		+	+	+
Camphor oil		any	-	-	-
Cane sugar, aqueous		any	+	+	
Carbazole	$(C_6H_4)_2NH$		+	+	
Carbolic acid (Phenol)	C_6H_5OH		+		
Carbonic acid, aqueous	H_2CO_3	any	+	+	
Carbonic acid, dry		100%	+	+	
Carbon dioxide	CO_2	100%	+	+	
Carbon monoxide, gaseous	CO	techn. grade	+	+	
Castor oil			+	+	
Caustic soda solution	NaOH,	any	+	+	+
Cetyl alcohol (Hexadecanol)	$CH_3(CH_2)_{15}OH$		+		
Chloral (Trichloroacetaldehyde)	CCl_3CHO	techn. grade	+	+	
Chloramine, aqueous	NH_2Cl	saturated	+		
Chloric acid, aqueous	$HClO_3$	10%	+		-
Chloric acid, aqueous		20%	+	-	-
Chlorinated lime			+	+	
Chlorine, aqueous solution (chlorine water)	$Cl_2 + H_2O$	saturated	*	-	-
Chlorine, gaseous, dry			-	-	-
Chlorine, gaseous, moist			-	-	-
Chlorine, liquid			-	-	-
Chlorine bleaching solution with 12.5% active chlorine			-	-	-
Chloroacetic acid, aqueous	$ClClH_2CO_2H$	< 85%	+	+	
Chlorobenzene	C_6H_5Cl		-	-	-
Chloroform	$CHCl_3$	techn. grade	-	-	-
Chloromethyl bromide	CH_2ClBr		-	-	-
Chlorlsulphonic acid	$ClSO_3H$	techn. grade	-	-	-
Chrome alum (Potassium chromic sulphate) aqueous		saturated	+	+	+
Chrome anode slime			+		
Chromic acid, aqueous (See Note 7)		50%	-	-	-
Chromium trioxide, aqueous	CrO_3	50%	-	-	-
Chromosulphuric acid			-	-	-
Cider			+	+	+
Citric acid, aqueous	$C(OH)(COOH)(CH_2COOH)_2.H_2O$	saturated	+	+	+
Citrus juices			+	+	
Coal tar oil			-	-	-
Coconut oil			+		
Coconut oil alchohol		techn. grade	+		
Cod liver oil			+		
Coffee extract			+	+	
Cognac			+		
Cola concentrates			+	+	
Common salt, aqueous	NaCl	any	+	+	+
Copper chloride, aqueous	CuCl, $CuCl_2$, $CuCl_2.2H_2O$	saturated	+	+	+
Copper cyanide, aqueous	Cu CN_2	saturated	+	+	
Copper fluoride, aqueous	Cu F_2	saturated	+		
Copper nitrate, aqueous	$Cu(NO_3)_2.3H_2O$, Cupric nitrate	30%	+	+	
Copper sulphate, aqueous	$CuSO_4$, $CuSO_4.5H_2O$, Cupric sulphate	any	+	+	+

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Substance	Formula	Concentration	Chemical Resistance of KKVJ		
			20° C	60° C	80° C
Corn oil			+	+	
Cottonseed oil		techn. grade	+	+	
Coumarone resins			+		
Creosote			*		
Cresol	$CH_3(C_6H_4)OH$	100%	+		
Cresol, aqueous	Isomers of $CH_3.C_6H_4.OH$, Cresylic acid	dilute	+		
Crotonaldehyde	$CH_3CH{=}CHCHO$	techn. grade	+		
Cyclanone (fatty alcohol sulponate)		as supplied commercially	+	+	
Cyclohexanol	$CH_2.(CH_2)_4.CH.OH$		+	+	
Cyclohexanone (Anon)	$CH_2.(CH_2)_4.CO$		+		
Decahydronaphthalene (® Dekalin)	$C_{10}H_{18}$	techn. grade	-	-	
Detergents			+	+	
Developer solutions (photographic)			+	+	
Dextrin (starch gum), aqueous		18%	+	+	+
Dextrose, aqueous	$O(CH.OH)_4.CH.CH_2OH$, D-Glucose	any	+	+	+
1.2-Diaminoethane (Ethylenediamine)	$H_2NCH_2CH_2NH_2$	techn. grade	+	+	
1.2-Dibromoethane	$BrCH_2CH_2Br$		-	-	-
Dibutyl ether	$[CH_3(CH_2)_3]O$		-	-	-
Dibutyl phthalate (Butyl phthalate)	$C_6H_4(COOC_4H_9)_2$	techn. grade	+		
Dibutyl sebacate	$CH_3(CH_2)_3O_2C(CH_2)_8CO_2(CH_2)_3CH_3$		+		
Dichloroacetic acid	$Cl_2CHCOOH$	techn. grade	+		
Dichloroacetic acid methyl ester	$Cl_2CHCO_2CH_3$		-	-	-
Dichlorobenzene	$C_6H_4Cl_2$		-	-	-
Dichlorodiphenyltrichloroethane (DDT, powder)			+	+	
Diethanolamine	$[CH_2(OH).CH_2]_2NH$	techn. grade	+		
Diethylene glycol	$(HOCH_2CH_2)_2O$		+	+	
Diethyl ether	$(C_2H_5)_2O$		-	-	-
Diglycolic acid, aqueous	$O(CH_2CO_2H)_2$	30%	+	+	
Dihexyl phthalate	$C_6H_4(COOC_6H_{11})_2$	techn. grade	+		
Diisobutylketone	$[(CH_3)_2CH.CH_2]_2CO$	techn. grade	+	-	-
Diisoctyl phthalate	$C_6H_4(COOC_8H_{17})_2$	techn. grade	+		
Dimethylamine	$(CH_3)_2NH$		+		
Dimethyl formamide	$H.Co.N(CH_3)_2$, DMF, N. N-Dimethylformamide	techn. grade	+	+	
Dinonyl phthalate (DNP)	$C_6H_4(COOC_9H_{19})_2$	techn. grade	+		
Dioctyl phthalate	$C_6H_4[COO.CH_2.CH(C_2H_5)(CH_2)_3CH_3]_2$, Di-($_2$-ethylhexyl) phthalate, DOP		+		
Disodium phosphate	Na_2HPO_4		+	+	+
Disodium sulphate	Na_2SO_4		+	+	+
Dodecylbenzenesulphonic acid	$C_{12}H_{25}C_6H_4SO_3H$		+		
Drinking water, also clorinated	H_2O		+	+	+
Emulsions (photographic)			+	+	
Epichlorohydrin	$ClCH_2(CH_2)_2O$		+		
Ethanolamine (2-Aminoethanol)	$H_2NCH_2CH_2OH$	techn. grade	+		
Ethanol	CH_3CH_2OH	96%	+	+	+
Ether, Diethyl ether	$(C_2H_5)_2O$		-	-	-
Ethylenediamine tetraacetic acid	$[CH_2.N(CH_2.COOH_2)]_2$		+	+	+
Ethylene chlorohydrin (Chloroethanol)	$ClCH_2CH_2OH$	techn. grade	+		
Ethylene diamine (1.2-Diaminoethane)	$H_2NCH_2CH_2NH_2$	techn. grade	+	+	
Ethylene dichloride (Dichloroethane)	$ClCH_2CH_2Cl$		-	-	-
Ethylene glycol	$CH_2(OH).CH_2OH$		+	+	+

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Substance	Formula	Concentration	Chemical Resistance of KKVJ		
			20° C	60° C	80° C
Ethylene glycol monobutyl ether	$HOCH_2CH_2OC_4H_9$	techn. grade	+		
Ethylene oxide, gaseous	$CH_2.CH_2O$		+		
Ethyl acetate	$CH_3.COO.C_2H_5$	techn. grade	+		
Ethyl alcohol	C_2H_5OH	techn. grade	+	+	+
Ethyl alcohol + Avetic acid (fermentation mixture)		as used in brewing	+	+	
Ethyl benzene	$C_6H_5CH_2CH_3$	techn. grade	-	-	-
Ethyl chloride	C_2H_5Cl	techn. grade	-	-	-
Ethyl chloride (Chloroethante)	CH_3CH_2Cl	techn. grade	-	-	-
Ethyl ether	$(C_2H_5)_2O$	techn. grade	-	-	-
Ethyl ether (Diethyl ether)	$(C_2H_5)O$		-	-	-
Fatty acids			+	+	
Fatty acid amides			+		
Fatty alcohols			+		
Ferric ammonium sulphate, aqueous	$NH_4Fe(SO_4)_2.\ 12H_2O$ saturated		+	+	+
Ferric chloride	$FeCl_3$, $FeCl_3.6H_2O$, Iron (III) chloride	saturated	+	+	+
Ferric nitrate, aqueous	$Fe(NO_3)_3.9H_2O$, Iron (III) nitrate	saturated	+	+	+
Ferric sulphate, aqueous (See Note 3)	$Fe_2(SO_4)_3$, $Fe_2(SO_4)_3.xH_2O$, Iron (III) sulphate	saturated	+	+	+
Ferrous chloride, aqueous	$FeCl_2.4H_2O$	saturated	+	+	+
Ferrous sulphate, aqueous	$FeSO_47H_2O$	saturated	+	+	+
Fertilizer salts, aqueous		any	+	+	
Fluorine, gaseous	F_2		-	-	-
Formaldehyde, aqueous	HCHO	up to 40%	+	+	
Formamide	$HCONH_2$		+	+	
Formic acid, aqueous	H.COOH	10%	+	+	
Formic acid, aqueous		85%	+		
Fructose	$O.CH_2.(CH.OH)_3.C(OH).CH_2OH$, Laevulose		+	+	+
Fruit juices		any	+	+	+
Fruit juices, fermented			+	+	+
Fruit pulp			+	+	+
Fuming sulphuric acid	$(H_2SO_4 + SO_3)$	any	-	-	-
Furfuryl alcohol	$O.CH:CH.CH:C.CH_2OH$		+		
Gas, manufactured		as supplied commercially	+		
Gas, natural		techn. grade	+		
Geletin			+	+	+
Gin			+		
Glacial acetic acid (100% acetic acid)	CH_3COOH	techn. grade	+		-
Glauber's salt, aqueous	$Na_2SO_41OH_2O$	any	+	+	+
Glucose, aqueous		any	+	+	+
Glycerin(e)	CH2OH.CHOH.CH2OH, Glycerol 1,2,3-Propanetriol	any	+	+	+
Glycine (Aminoacetic acid)	$H_2NCH_2CO_2H$		+	+	
Glycolic Acid, aqueous	$HOCH_2CO_2H$	up to 70%	+		
Heptane	$CH_3(CH_2)_5CH_3$		-	-	-
Hexafluorosilicic acid, aqueous	H_2SiF_6	40%	+	+	
Hexane	$CH_3(CH_2)_4CH_3$		-	-	-
Hexanetriol	$HO(CH_2)_4CH(OH)CH_2OH$		+	+	+
Honey			+	+	+
Hydrazine hydrate	$NH_2.NH_2H_2O$		+		
Hydrobromic acid, aqueous	HBr	50%	+	+	
Hydrochloric acid, aqueous	HCl	any	+	+	
Hydrocyanic acid	HCN		+	+	

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Substance	Formula	Concentration	Chemical Resistance of KKVJ		
			20° C	60° C	80° C
Hydrofluoric acid, aqueous	HF	85%	+		
Hydrogen	H_2		+	+	
Hydrogen chloride gas, dry and moist			+	+	
Hydrogen peroxide, aqueous	H_2O_2	10%	+	+	
Hydrogen peroxide, aqueous		30%	+		
Hydrogen sulphide, aqueous	H_2S	saturated	+	+	
Hydrogen sulphide, gaseous			+	+	
Hydroxylamine sulphated, aqueous	$(H_2NOH)_2.H_2SO_4$	12%	+	+	
Hypochlorous acid	HOCl		*	*	
Ink			+	+	
Iodine in potassium iodide solution		3% iodine	*	*	
Iodine tincture		as supplied commercially	*		
Isobutyl alcohol (Isobutanol)	$C_2H_5CH(OH)CH_3$		+		
Isooctane	$(CH_3)_2CHCH_2C(CH_3)_3$		-	-	
Isopropanol	$(CH_3)_2CHOH$	techn. grade	+	+	+
Isopropyl ether	$[(CH_3)_2CH]_2O$	techn. grade	-	-	-
i-Propanol (i-Propyl alcohol)	$(CH_3)_2CHOH$		+	+	+
Jam			+	+	+
Lactic acid, aqueous	$CH_3.CHOH.COOH$	any	+	+	+
Lactose (milk sugar)			+	+	+
Lanolin	(wool fat)		+		
Latex			+	+	
Lead acetate, aqueous	$(CH_3.COO)_2Pb.3H_2O$	any	+	+	+
Lead tetraethyl			+		
Lime (See Note 5)	CaO		+	+	+
Lime water			+	+	+
Linseed oil		techn. grade	+	+	+
Lithium bromide			+	+	+
Magnesium carbonate	$MgCO_3$, $MgCO_3.3H_2O$, $MgCO_3.5H_2O$ Magnesite		+	+	+
Magnesium chloride, aqueous	$MgCl_2$, $MgCl_2.6H_2O$		+	+	+
Magnesium hydroxide (See Note 5)	$Mg(OH)_2$		+	+	+
Magnesium iodide	$Mg\ I_2$	any	+	+	+
Magnesium sulphate (Epsom salts), aqueous	$MgSO_4$, $MgSO_4.H_2O$, $MgSO_4\ 7H_2O$	up to 100%	+	+	+
Maleic acid, aqueous	$HO_2CCH{=}\ CHCO_2H$		+	+	+
Malic acid, aqueous	$HO_2CCH_2CH(OH)CO_2H$	50%	+	+	+
Manganese sulphate	$MnSO_4$		+		
Margarine			+	+	
Mash		as supplied	+	+	
Mayonnaise			+		
Mercury	Hg		+	+	
Metal soaps			+	+	+
Methacrylic acid	$H_2C{=}\ C(CH_3)CO_2H$		+	+	
Methanol	CH_3OH	techn. grade	+	+	
Methoxybutanol	$CH_3O(CH_2)_4OH$		+		
Methoxybutyl acetate (® Butoxyl)	$CH_3CO_2(CH_2)_4OCH_3$		+		
Methylamine, aqueous	CH_3NH_2	32%	+		
Methylene chloride (dichloromethane)	CH_2Cl_2		-	-	-
Methylisobutyl ketone	$(CH_3)_2CH.Ch_2.COCH_3$	techn. grade	+		
Methyl acetate (Acetic acid methyl ester)	$CH_3CO_2CH_3$	techn. grade	+	+	
Methyl alcohol	CH_3OH		+	+	

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Substance	Formula	Concentration	Chemical Resistance of KKVJ		
			20° C	60° C	80° C
Methyl benzene	$C_6H_5CH_3$		-	-	
Methyl bromide (Bromomethane), gaseous	CH_3Br	techn. grade	-	-	-
Methyl chloride (Chloromethane), gaseous	CH_3Cl	techn. grade	-	-	-
Methyl cyclohexane	$C_6H_{11}CH_3$		-	-	-
Methyl ethyl ketone	$C_2H_5.CO.CH_3$	techn. grade	+		
Methyl glycol			+	+	
4-Methyl pentanol-2	$(CH_3)_2CHCH_2CH(OH)CH_3$		+		
Methyl propyl ketone	$CH_3COCH_2CH_2CH_3$		+		
Methyl salicylate (Salicyclic acid methyl ester)	$2\text{-}(HO)C_6H_4CO_2CH_3$		+		
Methyl sulphuric acid	CH_3OSO_2OH	50%	+	+	
Milk			+	+	+
Mineral water			+	+	+
Molasses			+	+	
Molasses wort			+	+	
Monochloroacetic acid	$ClCH_2CO_2H$		+	+	
Monochloroacetic acid ethyl ester	$ClCh_2CO_2C_2H_5$		+	+	
Monochloroacetic acid methyl ester	$ClCH_2CO_2CH_3$		+	+	
Morpholine	$NHCH_2CH_2OCH_2CH_2$		+	+	
Mustard			+	+	+
Must			+	+	+
Nail varnish remover	(see note 4)				
Nickel chloride	$NiCl_2$, $NiCl_2.6H_2O$		+	+	+
Nickel nitrate	$Ni(NO_3)_2.6H_2O$		+	+	+
NIckel sulphate, aqueous	$NiSO_4$, $NiSO_4.6H_2O$		+	+	+
Nicotinic acid	C_6H_4NCOOH	any	+	+	+
NItric acid	HNO_3	25%	+	-	-
2.2′,2″-Nitrilotriethanol (Triethanolamine),	$(HOCH_2CH_2)_3N$		+	+	
Nitrobenzene	$C_6H_5NO_2$		+	+	
Nitrocellulose			+		
o-Nitrotoluene	$CH_3.C_6H_4NO_2$		+	-	
Nonyl alcohol (nonanol)	$CH_3(CH_2)_8OH$		+		
Nut oil			+		
Octyl cresol	$CH_3(CH_2)_7C_6H_3(CH_2)OH$	techn. grade		-	
Oleic acid	$CH_3(CH_2)_7CH{:}CH(CH_2)_7COOH$, 9-Octadecanoic acid		+	-	
Olive oil			+	+	+
Orange juice			+	+	+
Oxalic acid, aqueous	$(COOH)_2 2H_2O$	any	+	+	+
Oxygen	O_2		+	+	
Ozone	O_3	50 pphm	+	*	
Palmitic acid	$CH_3.(CH_2)_{14}.COOH$		+	+	
Palmityl alcohol			+	+	
Palm nut oil			+	+	
Paraformaldehyde	$(CH_2O)n$		+		
Peanut oil		techn. grade	+	+	
Pentanol	$CH_3(CH_2)_4OH$		+		
Perchloric acid, aqueous	$HClO_4$	20%	+	+	
Phenol (Carbolic acid)	C_6H_5OH		+	+	
Phenyl ethyl alcohol	$C_6H_5CH_2CH_2OH$		+		

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Substance	Formula	Concentration	Chemical Resistance of KKVJ		
			20° C	60° C	80° C
Phenyl hydrazine hydrochloride	$C_6H_5NHNH_2.HCl$		+		
Phenyl sulphonate (Sodium dodecyl benzene sulphonate)	$C_{12}H_{25}C_6H_4SO_3Na$		+	+	
Phosgene, liquid		100%	-		
Phosphoric acid, aqueous	H_3PO_4	50%	+	+	+
Phosphoric acid, aqueous		80%...95%	+		
Phosphorus oxychloride	$POCl_3$		+		
Phosphorus pentoxide	P_2O_5	100%	+		
Phosphorus trichloride	PCl_3		+		
Phthalic acid, aqueous	C_6H_4-1, 2-$(CO_2H)_2$	50%	+	+	
Phthalic acid dibutyl ester (Dibutyl phthalate)	$C_6H_4(COOC_4H_9)_2$	techn. grade	+		
Picric acid, aqueous	$(O_2N)_3C_6H_2OH$	1%	+		
Pineapple juice			+	+	
Pine needle oil			+	+	
Polyglycols			+	+	
Potassium aluminium sulphate, aqueous	$KAl(SO_4)_2.\ 12H_2O$	any	+	+	+
Potassium bicarbonate, aqueous	$KHCO_2$	saturated	+	+	+
Potassium bicromate, aqueous	$K_2Cr_2O_7$	any	+	+	+
Potassium bisulphate, aqueous	$KHSO_4$	saturated	+	+	+
Potassium meta bisulphate, aqueous	$K_2S_2O_5$	saturated	+	+	+
Potassium borate, aqueous	KBO_2	1%	+	+	+
Potassium bromate, aqueous	$KBrO_3$	up to 10%	+	+	+
Potassium bromide, aqueous	KBr	any	+	+	+
Potassium carbonate	K_2CO_3, $K_2CO_3.\ 1^1/_2H_2)$, Potash	any	+	+	+
Potassium chlorate, aqueous	$KClO_3$	any	+	+	+
Potassium chloride, aqueous	KCl	any	+	+	+
Potassium chromate, aqueous	K_2CrO_4	40%	+	+	+
Potassium chromic sulphate (Chrome alum), aqueous	$KCr)SO_4)_2.\ 12H_2O$		+	+	+
Potassium cyanide, aqueous	KCN	any	+	+	+
Potassium dichromate, aqueous	$K_2Cr_2O_7$	saturated	+	+	+
Potassium ferricyanide, aqueous	$K_3Fe(CN)_6$	any	+	+	+
Potassium ferrocyanide, aqueous	$K_4Fe(CN)_6.\ 3H_2O$	saturated	+	+	+
Potassium fluoride, aqueous	KF	any	+	+	+
Potassium hexacyanoferrate, aqueous	$K_3Fe(CN)_6$ or $K_4Fe(CN)_6.\ 3H_2O$	any	+	+	+
Potassium hydrogen carbonate, aqueous	$KHCO_3$	saturated	+	+	+
Potassium hydrogen sulphate, aqueous	$KHSO_4$	saturated	+	+	+
Potassium hydrogen sulphate, aqueous	$K_2S_2O_5$	saturated	+	+	+
Potassium hydroxide, aqueous	KOH	any	+	+	+
Potassium iodide, aqueous	KI	any	+	+	+
Potassium nitrate, aqueous	KNO_3	any	+	+	+
Potassium perchlorate, aqueous	$KClO_4$	1%	+	+	
Potassium permanganate, aqueous	$KMnO_4$	up to 6%	+		
Potassium persulphate, aqueous	$K_2S_2O_8$	any	+	+	+
Potassium phosphate, aqueous	K_2PO_4	saturated	+	+	+
Potassium sulphate, aqueous	K_2SO_4	any	+	+	+
Potassium sulphide, aqueous	K_2S	saturated	+	+	
Potassium sulphite, aqueous	$K_2SO_5.2H_2O$	saturated	+	+	+
Potassium thiosulphate, aqueous	$K_2S_2O_3.H_2O$	saturated	+	+	+
Propanol (Propyl alcohol)	$CH_3\ Ch_2\ CHOH$	techn. grade	+	+	
i-Propanol (i-Propyl alcohol)	$(CH_3)_2CHOH$	techn. grade	+	+	
n-Propanol (n-Propyl alcohol)	$CH_3\ CH_2\ CHDH$	techn. grade	+	+	
Propargyl alcohol, aqueous	$HC{\equiv}CCH_2OH$	7%	+	+	

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Substance	Formula	Concentration	Chemical Resistance of KKVJ		
			20° C	60° C	80° C
Propionic acid, aqueous	$CH_3\ CH_2\ COOH$	any	+	+	
Propylene dichloride	$CH_2\ Cl\ CH\ Cl$	100%	-	-	-
Propylene glycol	$CH_2\ (CH_2OH)_2$, Propane-1, 2-diol, $CH_3\ CH(OH).CH_2OH$, Propane-1,3-diol		+	+	+
Pyridine	$C_5\ H_5\ N$		*	*	
Quinine	$C_{20}H_{24}\ N_2\ O_2$		+	+	
Rubber dispersions (latex)			+	+	
Salicylic acid	HOC_6H_4COOH		+	+	
Salt brines		saturated	+	+	
Sauerkraut (pickled cabbage)			+	+	+
Sea water			+	+	+
Silicic acid, aqueous	H_2SiO_3	any	+	+	
Silicone emulsion		as supplied commercially			
Silicone oil		technical	+	+	+
Silver nitrate, aqueous	$Ag\ NO_3$	any	+	+	+
Soap solution, aqueous		any	+	+	+
Soda (Sodium carbonate), aqueous		any	+	+	+
Sodium acetate, aqueous	CH_3,COONa, CH_3.COONa.$3H_2O$	any	+	+	+
Sodium aluminium sulphate	$Na\ Al(SO_4)_2 12H_2O$		+	+	+
Sodium benzoate, aqueous	C_6H_5. COONa	any	+	+	+
Sodium bicarbonate, aqueous	$NaHCO_3$	saturated	+	+	+
Sodium bisulphate, aqueous	$NaHSO_4$. H_2O	saturated	+	+	+
Sodium bisulphite, aqueous	$Na_2S_2O_5$	saturated	+	+	+
Sodium borate	$Na_2B_4O_7$		+	+	+
Sodium bromide	NaBr		+	+	+
Sodium carbonate, aqueous	Na_2CO_3, Na_2CO_3 $10H_2O$, Soda	any	+	+	+
Sodium chlorate, aqueous	$NaClO_3$	saturated	+	+	
Sodium chloride, aqueous	NaCl	any	+	+	+
Sodium chlorite, aqueous	$NaClO_2$	50%	+	+	
Sodium chromate	Na_2CrO_4		+	+	+
Sodium cyanide	NaCN		+	+	+
Sodium dichromate	$Na_2Cr_2O_7$. $2H_2O$		+	+	+
Sodium dodecylbenzenesulphonate	$C_{12}H_{25}C_6H_4SO_3Na$		+	+	+
Sodium ferricyanide	$Na_3fe(CN)_6\ H_2O$		+	+	+
Sodium fluoride	NaF		+	+	+
Sodium hexacyanoferrate (III) (sodium ferrocyanide), aqueous	$Na_3Fe(CN)_6$. H_2O		+	+	+
Sodium hexacyanoferrate (II)	$Na_4Fe(CN)_6$. $3H_2O$		+	+	+
Sodium hexametaphosphate, aqueous	$(NaPO_3)_6$	saturated	+	+	+
Sodium hydrogen carbonate, aqueous	$Na\ HCO_3$		+	+	+
Sodium hydrogen sulphate, aqueous	$NaHSO_4$	saturated	+	+	+
Sodium hydrogen sulphite, aqueous	$NaHSO_3$	saturated	+	+	+
Sodium hydroxide, aqueous	NaOH	saturated	+	+	+
Sodium hydroxide, solid			+	+	
Sodium hypochlorite, aqueous with ≥ 5% active chlorine	NaOCl		-	-	-
Sodium nitrate, aqueous	$NaNO_3$	any	+	+	+
Sodium perborate, aqueous	$NaBO_3$. $4H_2O$				
Sodium phosphate(s)	Na_2HPO_4, $NaPO_4$. $12H_2O$ NaH_2PO_4, $Na_4P_2)_7$. $10H_2O$	any	+	+	+
Sodium silicate, aqueous	A waterglass, NaO. x SiO_2 where x = 3 to 5	any	+	+	+
Sodium sulphate, aqueous	Na_2SO_4,Na_2SO_4. $10H_2O$, Glauber's salt	cold saturated	+	+	+
Sodium sulphide, aqueous		saturated	+	+	

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Substance	Formula	Concentration	Chemical Resistance of KKVJ		
			20° C	60° C	80° C
Sodium sulphite, aqueous	Na_2SO_3, $Na_2SO_39H_2O$	40%	+	+	+
Sodium tetraborate (Borax), aqueous	$Na_2B_4O_7$. $10H_2O$, Borax	saturated	+	+	+
Sodium thiosulphate, aqueous	$Na_2S_2O_3$, $Na_2S_2O_3$. $5H_2O$	saturated	+	+	+
Soft soap			+	+	+
Soya bean oil			+		
Spermaceti			+		
Stannic chloride, aqueous	$SnCl_4$, $SnCl_4.5H_2O$	saturated	+	+	+
Stannous chloride, aqueous	$SnCl_2$, $SnCl_2.2H_2O$	any	+	+	+
Starch, aqueous	$C_6H_{10}O_5$	any	+	+	+
Starch gum		18%	+	+	+
Starch syrup			+	+	+
Stearic acid (See Note 2)	$CH_3.(CH_2)_{16}.COOH$		+		
Styrene	$C_6H_5CHCH_2$		+		
Succinic acid, aqueous	$HOOC(CH_2)_2COOH$	50%	+	+	
Sugar syrup			+	+	+
Sulphuric acid, aqueous	H_2SO_4	up to 50%	+	+	
Sulphuric acid, aqueous		80%	+	*	
Sulphuric acid, aqueous		98%	*	-	
Sulphur (See Note 2)	S_8		+	+	+
Sulphurous acid	H_2SO_3		+	+	
Sulphuryl chloride (sulphonyl chloride)	SO_2 Cl_2	techn. grade	-	-	-
Sulphur dioxide, aqueous	SO_2	any	+	+	
Sulphur dioxide, gaseous			+	+	
Sulphur trioxide	SO_3		-	-	-
Tallow		techn. grade	+	+	
Tannic acid (tannin), aqueous		10%	+	+	
Tanning extracts, vegetable		as supplied	+	*	
Tartaric acid, aqueous	$(CHOH.COOH)_2$	any	+	+	
Tetrachloroethane	$CHCl_2$. $CHCl_2$		-	-	-
Tetrachloromethane (Carbon tetrachloride)	CCl_4	techn. grade	-	-	-
Tetrahydrofuran	CH_2 (CH_2). CH_2O	techn. grade		-	-
Tetrahydronaphtalene	$C_6H_4CH_2CH_2CH_2CH_2$	techn. grade	-	-	-
Thioglycolic acid	$HSCH_2$ CO_2 H		+	+	
Thionyl chloride	$SOCl_2$		-	-	-
Thiophene	$S(CH)_3CH$			-	-
Toluene	C_6H_5. CH_3	techn. grade	-	-	-
Toluic acids (methyl benzoic acids)	CH_3. C_6H_4 COOH	saturated	*		
Tomato juice			+	+	+
Tributyl phosphate	$(C_4H_9)_3$ PO_4		+	+	
Trichloroacetaldehyde (chloral)	CCl_3 CHO	techn. grade	+	+	
Trichloroacetic acid	CCl_3 COOH	techn. grade	+		
Trichloroethylene	CHCl: CCl_2	techn. grade	-	-	-
Tricesyl phosphate	$(CH_3.C_6H_4)_3PO_4$		+		
Triethanolamine	$(HO$ $CH_2CH_2)_3N$		+		
Triethanolamine (2,2'2"- Nitrilotriethanol), aqueous		saturated	+		
Triethylene glycol	$HOCH_2CH_2OCH_2CH_2OCH_2CH_2OH$		+	+	

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Substance	Formula	Concentration	Chemical Resistance of KKVJ		
			20° C	60° C	80° C
Trioctyl phosphate	$(C_8H_{17})_3PO_4$		+		
Trisodium phosphate	$Na_3PO_412H_2O$		+	+	+
Tri-ß-chloroethylphosphate	$(ClCH_2CH_2O)_3PO$		+		
Turpentine oil		techn. grade	-	-	-
* Tween 20 and 80			+	+	
Urea, aqueous	$NH_2.CO.NH_2$	up to 33%	+	+	+
Uric acid (See note 2)	$C_5H_4N_4O_3$		+		
Urine			+	+	
Vaseline		techn. grade	+	*	
Vinegar (wine vinegar)		as supplied commercially	+	+	
Vinylidene chloride (1,1 - Dicloroethylene)	CH_2CCl_2	techn. grade	-	-	-
Vinyl acetate	$CH_3COO.CH:CH_2$		+	*	
Viscose spinning solutions			+	+	
Vitamin C			+		
Vitamin preparations, dry (powder)			+		
Walnut oil			+		
Washing up liquids		usual	+	+	
Water, distilled	H_2O		+	+	+
Whey			+	+	+
Whisky			+		
White spirit		techn. grade	-	-	-
Wine			+	+	
Wine vinegar (table vinegar)		as supplied	+		
Xylene	$C_6H_4(CH_3)_2$		-	-	-
Yeast			+		
Zinc carbonate (See note 5)	$ZnCO_3.2ZnO3H_2O$		+	+	+
Zinc chloride, aqueous	$ZNCl_2$	any	+	+	
Zinc oxide (See note 5)	ZnO		+	+	+
Zinc stearate	$[CH_3(CH_2)_{16}CO_2]_2Zn$		+	+	+
Zinc sulphate, aqueous	$ZnSO_4.7H_2O$	any	+	+	+

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