

Dispenser Chemical Resistant Chart

501



520



525



530



Reagents	501	520	525	530	Reagents	501	520	525	530	Reagents	501	520	525	530	Reagents	501	520	525	530	Reagents	501	520	525	530	
Acetaldehyde (Ethanal)			A	A	Calcium chloride	B/1	A	C/1	A	Dimethylformamide (DMF)	A	B/4	B/4	B/4	Methyl formate			A	A	Propylene glycol (Propane-1,2-diol)			A	A	
Acetic acid 96%			A	B/2	Calcium hydroxide			C/1	B/1	Dioxane /Diethylene dioxide	A	A			Methyl iodide (Iodomethane)	A	A	B/4	B/4	Propylene oxide	A	A	A	A	
Acetic acid 100% (glacial)	A	A	B/4	B/2/4	Calcium hypochlorite			C/1	B/1	Dioxide chlorine	B/2/4	B/2/4			Methyl methacrylate (MMA)	A	A	B/4	B/4	Pyric acid (Trinitrophenol)	A	A	B/4	B/4	
Acetic anhydride	B/4	B/4	B/4	B/4	Carbon disulfide	A	A	B/4	B/4	Diphenyl ether			B/1/4	B/4	Methyl propyl ketone (2-Pentanone)			A	A	Pyridine	B/4	B/4	B/4	B/4	
Acetone (Propanone)	A	B/4	B/4	B/4	Carbon tetrachloride	A	A	B/4	B/4	Essential oils	B/1	B/1			Methyl tert-butyl ether			B/4	B/4	Pyruvic acid			B/1	A	
Acetonitrile (MECN)	A	A	B/4	B/4	Chlorine dioxide			B/4	B/2/4	Ethanol	A	A	A	A	Methylene chloride (Dichloromethane) (DCM)	B/4	B/2/4	B/4	B/2/4	Resorcin	B/4	B/4	C/1	A	
Acetophenone			B/4	B/2/4	Chlorine water	C/2/4	B/2/4			Ethanolamine			B/4	B/4	Methylpentanone	B/4	B/4	A	A	Salicylaldehyde			A	A	
Acetyl Chloride			B/4	B/2/4	Chloro naphthalene			B/4	B/4	Ether	A	B/4	B/4	B/4	Mineral oil (engine oil)			A	A	Scintillation fluid			A	A	
Acetylacetone			A	A	Chloroacetaldehyde 45%			B/1	A	Ethyl acetate	A	A	B/4	B/4	Monochloroacetic acid			B/1	A	Silver acetate			C/1	C/1	
Acrylic acid			A	A	Chloroacetic acid			B/1	A	Ethylbenzene			B/4	B/4	N-Butylamine	B/4	B/4	B/4	B/4	Silver nitrate	A	B/1	C/1	A	
Acrylonitrile			B/4	B/4	Chloroacetone			B/4	B/4	Ethylene chloride			B/4	B/4	Nitric acid 100%	B/2/3	B/3	C/3/4	C/2/3/4	Sodium acetate	A	A	C/1	A	
Adipic acid			C/1	A	Chlorobenzene	A	A	B/4	B/4	Ethylene diamine	A	A	A	A	Nitric acid 30-70%			B/4	B/2/4	Sodium chloride (kitchen salt)	B/1	A	C/1	A	
Allyl alcohol			A	A	Chlorobutane	A	A	B/4	B/4	Ethylene glycol	A	A	A	A	Nitric acid dil. <30%	A	A	B/4	B/4	Sodium dichromate			C/1	A	
Aluminum chloride			C/1	A	Chloroethanol	A	A	B/4	B/4	Fluoroacetic acid			B/1/4	B/4	Nitrobenzene			B/4	B/4	Sodium fluoride			C/1	B/1	
Amino acids			C/1	A	Chloroform / Trichloroethane	B/4	B/4	B/4	B/4	Formaldehyde (Formalin)	A	A	A	A	Nitromethane	A	B/4	B/4	B/4	Sodium hydroxide 30%			C/1	A	
Ammonia 20%			B/4	B/4	Nitro-hydrochloric acid (Aqua regia)			B/4	B/2/4	Formamide			A	A	N-methyl-2-pyrrolidone (NMP)	A	A	A	A	Sodium hydroxide	B/1	B/1			
Ammonia 20-30%			B/4	B/4	Chloronitric acid 100%	B/2/3	B/3			Formic acid	A	A	A	A	Octane	A	A	A	A	Sodium hypochlorite	A	A	C/1	B/4	
Ammonium chloride			C/1	A	Chlorosulfuric acid			B/4	B/4	Gamma-butyrolactone	A	A	A	A	Octanol	A	A	A	A	Sodium thiosulfate	A	A	C/1	A	
Ammonium fluoride			C/1	A	Chlorosulfuric acid 100%	B/2/3	B/3	B/3/4	B/3/4	Gasoline	A	A	B/4	B/4	Oil (vegetable, animal)	A	A	B/4	B/4	Sulfochromic acid 100%	B/2/3	B/2/3			
Ammonium hydroxide	A	A			Chromic acid 100%	B/2/3	B/3	B/3/4	B/3/4	Glycerin <40%	A	A	A	A	Oil of turpentine			B/4	B/4	Sulfonitric acid 100%	B/2/3	B/2/3	B/3/4	B/2/3/4	
Ammonium molybdate	A	A	C/1	A	Chromosulfuric acid 100%	A	A	C/1/3/4	B/2/3/4	Glycolic acid 50%			B/1	A	Oleic acid			B/1	A	Sulfur dioxide	B/4	B/4	B/4	B/4	
Ammonium sulfate			C/1	A	Citric acid			B/1	A	Heating oil (Diesel oil)			A	A	Oxalic acid	A	A	C/1	A	Sulfuric acid 100%	B/2/3	B/2			
Amyl alcohol (Pentanol)			A	A	Copper fluoride	A	A	C/1	B/1	Heptane	A	A	A	A	Pentane	B/4	B/4	B/4	B/4	Sulfuric acid 98%			B/4	B/2/4	
Amyl chloride (Chloropentane)			B/4	B/2/4	Copper sulfate			C/1	A	Hexane	A	A	A	A	Peracetic acid			A	A	1,1,2-Trichlorotrifluoroethane	B/4	B/4	B/4	B/4	
Aniline	A	A	A	A	Cresol			B/1	A	Hexanoic acid			B/1	A	Perchloric acid 100%	B/2/3	B/3	B/4	B/4	Tartaric acid			C/1	A	
Antimony trichloride	B/2	A			Cumene (Isopropylbenzene)			B/4	B/4	Hexanol			A	A	Perchloric acid diluted	A	A	A	A	Terebentine oil	A	A			
Ascorbic acid	A	A	C/1	A	Cyanoacrylate	C/1	C/1	C/1	C/1	Hydriodic acid			B/4	B/4	Perchloroethylene			B/4	B/4	Tetrachlorethylene	B/4	B/4	B/4	B/4	
n-Amyl acetate			B/4	B/4	Cyclohexane	A	A	B/4	B/4	Hydrobromic acid			A	A	Petrol benzene	A	A			Tetrahydrofuran (THF)	B/2/4	B/2/4	B/4	B/2/4	
Barium chloride			C/1	A	Cyclohexanone	A	A	B/4	B/4	Hydrochloric acid 20% (HCl)			A	A	Petroleum			B/4	B/4	Tetramethylammonium hydroxide			C/1/4	B/4	
Benzaldehyde	A	A	A	A	Cyclopentane			B/4	B/4	Hydrochloric acid 37% (HCl)	B/2/3	A	B/3	B/3	Petroleum ether / spirit	A	A	B/4	B/4	Tetramin	A	A			
Benzene	A	B/4	B/4	B/4	1,2-Diethylbenzene			B/4	B/4	Hydrofluoric acid (HF)	C/5	C/5	C/5	C/5	Phenol	A	A	A	A	TKD Digest	B/1/3	B/1/2			
Benzine			A	A	1,4-Dioxane (Diethylene dioxide)			B/4	B/4	Hydrogen peroxide	A	A	A	B/2	Phenylethanol			B/4	B/4	Toluene	A	B/4	B/4	B/4	
Benzoyl chloride			B/4	B/4	1-Decanol			A	A	Iodine	A	A	C/1	B/1	Phenylhydrazine	A	A	B/1/4	B/4	Trichlorethylene	B/4	B/4	B/4	B/4	
Benzyl alcohol			A	A	Decane			A	A	Iodine bromide	C/2/4	C/2/4	C/4	C/2/4	Phosphine	A	A			Trichloroacetic acid	A	A	B/1/4	B/4	
Benzyl chloride			B/4	B/4	Di-(2-ethylhexyl) peroxydicarbonate	B/1	B/4	B/4	B/4	Isoamyl alcohol			A	A	Phosphoric acid 100%	A	A	A	A	Trichlorobenzene			B/4	B/4	
Bis(2-ethylhexyl) phthalate	A	B/4	B/4	B/4	Dibenzyl ether			B/4	B/4	Isobutanol			A	A	Phosphoric acid 85%			A	A	Trichloroethane	B/4	B/4	B/4	B/4	
Boric acid 10%			B/1	A	Dichloroacetic acid			A	A	Isocetane	A	A	A	A	Piperidine			B/4	B/4	Trichloromethane (Chloroform)	B/4	B/4	B/4	B/4	
Boric acid	A	A			Dichlorobenzene			A	A	Isopropanol	A	A	A	A	Potassium chloride	B/1	A	C/1	A	1,1,2 - Trichlorotrifluoroethane	B/4	B/4			
Bromine	B/2	B/2	C/4	C/2/4	Dichloroethane	B/4	B/4	A	A	Isopropyl ether			B/4	B/4	Potassium dichromate	A	A	C/1	B/1	Triethanolamine			A	A	
Bromobenzene			B/4	B/4	Dichloroethylene			B/4	B/4	Iso-propylamine	A	A	B/4	B/4	Potassium fluoride	C/4/5	C/4/5			Triethylene glycol			A	A	
Bromonaphthalene			A	A	Dichloromethane	B/4	B/2/4	B/4	B/2/4	Lactic acid	A	A	C/1	A	Potassium hydroxide	B/1	B/1	C/1	A	Trifluoroacetic anhydride (TFAA)	B/3	B/3	B/4	B/4	
Butanediol			B/1	A	Diesel oil (Heating oil)			A	A	Liquid ammonia	A	A			Potassium iodide	A	A	C/1	A	Trifluoroacetic acid (TFA)	B/3	B/3			
Butanol	A	A	A	A	Diethanolamine			A	A	2-Methoxyethanol	A	A	A	A	Potassium permanganate	A	A	C/1	B/1	Trifluoromethane (Fluoroform)			B/4	B/4	
Butanone (MEK)	A	B/4	B/4	B/4	Diethylamine			B/4	B/4	Methanol	A	A	A	A	Potassium persulfate (persulfate)			C/1	B/1	Urea			C/1	A	
Butyl acetate	A	A	B/4	B/4	Diethylene glycol	A	A	A	A	Methoxybenzene (Anisol)			B/4	B/4	Potassium sulfate			C/1	B/1	Xylene	A	B/4	B/4	B/2/4	
Butyl acrylate	A	A			Diethylether	A	A	B/4	B/4	Methyl benzoate			B/1/4	B/4	Propionic acid (Propanoic acid)			A	A	Zinc chloride 10%			C/1	A	
Butyl methyl ether			B/4	B/4	Dimethyl sulfoxide (DMSO)	A	A	B/1/4	B/4	Methyl chloride (Chloromethane)	A	A	B/4	B/4	Propionic acid	A	A			Zinc sulfate 10%			C/1	A	
Butylamine			B/4	B/4	Dimethylaniline			A	A	Methyl ethyl ketone (MEK)	A	B/4													
Butyric acid			B/4	B/4																					
Calcium carbonate			C/1	B/1																					

Code explanations (501 / 520)

A = Good resistance
B = Acceptable with limitations
C = Not recommended

1 = Possible crystallisation - blockage (do not let dry plunger/barrel together).
2 = Swell of plunger protection layer, possible peeling.
3 = Acid vapours (better resistance with lower concentration). Do not leave instrument on bottle.

4 = Risk of softening or discoloration of external parts through vapours. Do not leave instrument on bottle.
5 = Chemical degradation of glass parts (plunger/barrel).



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