

# Calibrex™ universal / organo / solutae

your choice for flexibility and performance

## Chemical resistance chart



Chemicals A - H	Calibrex™		
	520	525	530
Acetaldehyde (Ethanal)	A	A	A
Acetic acid 96%	A	A	B/2
Acetic acid 100% (Glacial)	A	B/4	B/2/4
Acetone (Propanone)	B/4	B/4	B/4
Acetonitrile (MECN)	A	B/4	B/4
Amino acids	A	C/1	A
Ammonium hydroxide (amonia)	A	B/4	B/4
Amyl alcohol (Pentanol)	A	A	A
Aniline	A	A	A
Ascorbic acid	A	C/1	A
Benzaldehyde	A	A	A
Benzene	B/4	B/4	B/4
Boric acid 10%	A	B/1	A
Bromine	B/2	C/4	C/2/4
Butanol	A	A	A
Butanone (MEK)	B/4	B/4	B/4
Butyl acetate	A	B/4	B/4
N-Butylamine	B/4	B/4	B/4
Calcium chloride	A	C/1	A
Calcium hydroxide	B/1	C/1	B/1
Carbon disulfide	A	B/4	B/4
Carbon tetrachloride	A	B/4	B/4
Chlorine dioxide	B/2/4	B/4	B/2/4
Chlorobenzene	A	B/4	B/4
Chlorobutane	A	B/4	B/4
Chloroethanol	A	B/4	B/4
Chloroform	B/4	B/4	B/4
Chlorosulfuric acid 100%	B/3	B/3/4	B/3/4
Chromic acid 100%	B/3	B/3/4	B/3/4
Citric acid	A	B/1	A
Cyanoacrylate	C/1	C/1	C/1
Cyclohexane	A	B/4	B/4
Cyclohexanone	A	B/4	B/4
1,4-Dioxane (Diethylene dioxide)	A	B/4	B/4
Dichlorobenzene	A	A	A
Dichloroethane (DCE)	B/4	A	A
Diesel oil (Heating oil)	A	A	A
Diethylene glycol	A	A	A
Diethylether	A	B/4	B/4
Dimethyl sulfoxide (DMSO)	A	B/1/4	B/4
Dimethylformamide (DMF)	B/4	B/4	B/4
Ethanol	A	A	A
Ether	B/4	B/4	B/4
Ethyl acetate	A	B/4	B/4
Ethylenediamine	A	A	A
Ethylene glycol	A	A	A
Formaldehyde (Formalin)	A	A	A
Formamide	A	A	A
Formic acid	A	A	A
Gamma-butyrolactone	A	A	A
Gasoline	A	B/4	B/4
Glycerin <40%	A	A	A
Heptane	A	A	A
Hexane	A	A	A
Hydrochloric acid 20%	A	A	A
Hydrochloric acid 37% (HCl)	A	B/3	B/3
Hydrofluoric acid (HF)	C/5	C/5	C/5
Hydrogen peroxide	A	A	B/2

Chemicals I - Z	Calibrex™		
	520	525	530
Iodine	A	C/1	B/1
Iodine bromide / chloride	C/2/4	C/4	C/2/4
Isooctane	A	A	A
Isopropanol	A	A	A
Isopropylamine	A	B/4	B/4
Lactic acid	A	C/1	A
2-Methoxyethanol	A	A	A
Methanol	A	A	A
Methyl chloride (Chloromethane)	A	B/4	B/4
Methyl methacrylate (MMA)	A	B/4	B/4
Methyl propyl ketone (2-Pentanone)	B/4	A	A
Methylene chloride (Dichloromethane) (DCM)	B/2/4	B/4	B/2/4
Nitric acid 100%	B/3	C/3/4	C/2/3/4
Nitric acid dil. <30%	A	B/4	B/4
Nitro-hydrochloric acid (Aqua regia)	B/3	B/4	B/2/4
N-methyl-2-pyrrolidone (NMP)	A	A	A
Octane	A	A	A
Octanol	A	A	A
Oil, mineral (engine oil)	A	A	A
Oil, vegetable, animal	A	B/4	B/4
Oil of turpentine	A	B/4	B/4
Oxalic acid	A	C/1	A
Pentane	B/4	B/4	B/4
Perchloric acid 100%	B/3	B/4	B/4
Perchloric acid diluted	A	A	A
Petroleum	A	B/4	B/4
Petroleum ether / spirit	A	B/4	B/4
Phenol	A	A	A
Phenylhydrazine	A	B/1/4	B/4
Phosphoric acid 85%	A	A	A
Potassium chloride	A	C/1	A
Potassium dichromate	A	C/1	B/1
Potassium hydroxide	B/1	C/1	A
Potassium iodide	A	C/1	A
Potassium permanganate	A	C/1	B/1
Propionic acid (Propanoic acid)	A	A	A
Propylene glycol (Propane-1,2-diol)	A	A	A
Picric acid (Trinitrophenol)	A	B/4	B/4
Pyridine	B/4	B/4	B/4
Scintillation fluid	A	A	A
Silver nitrate	B/1	C/1	A
Sodium acetate	A	C/1	A
Sodium chloride (Kitchen salt)	A	C/1	A
Sodium hydroxide 30%	B/1	C/1	A
Sodium hypochlorite (Javel water)	A	C/1	B/4
Sodium thiosulfate	A	C/1	A
Sulfonic acid 100%	B/2/3	B/3/4	B/2/3/4
Sulfuric acid 98%	B/2	B/4	B/2/4
Tetrachloroethylene	B/4	B/4	B/4
Tetrahydrofuran (THF)	B/2/4	B/4	B/2/4
Toluene	B/4	B/4	B/4
Trichlorethylene	B/4	B/4	B/4
Trichloroacetic acid	A	B/1/4	B/4
Trichloroethane	B/4	B/4	B/4
Trichloromethane (Chloroform)	B/4	B/4	B/4
Triethylene glycol	A	A	A
Trifluoroacetic acid (TFA)	B/3	B/4	B/4
Xylene	B/4	B/4	B/2/4

### Compatibility statement

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

### Technical risks

- 1 = Possible crystallization, valve or plunger blockage. Scratches on plunger coating if plunger/barrel dried and stick together.
- 2 = Swell of plunger coating, possible peeling.
- 3 = Release of acid vapours (risk increases with concentration). Do not leave dispenser on bottle.
- 4 = Damage, softening or discoloration of external parts through vapours. Do not leave dispenser on bottle.
- 5 = Chemical degradation of glass parts (plunger/barrel).