

## Economy Bunds - Chemical Resistance Charts

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Chemical	Concentration%	Max Temp. °c
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### A

Acetic acid	10	25
Acetic acid	5	30
Acriflavine	2	45
Adipic acid	all	25
Alum	all	45
Aluminium chloride	Sat'd	45
Aluminium citrate	Sat'd	45
Aluminium nitrate	Sat'd	45
Aluminium sulphate	all	30
Aluminium sulphate	Sat'd	45
Ammonium bromate	all	30
Ammonium bromide	all	30
Ammonium chloride	all	30
Ammonium nitrate	all	30
Ammonium phosphate, dibasic	1	30
Ammonium phosphate, monobasic	all	30
Ammonium salts	10	45
Ammonium sulphate	all	30
Amyl alcohol (sec-)	100	25
Amyl alcohol (sec-)	all	25
Amyl alcohol (tert-)	100	25
Amyl alcohol (tert-)	all	25

### B

Barium acetate	Sat'd	25
Barium bromide	all	30
Barium carbonate	Sat'd	25
Barium chloride	all	30
Barium nitrate	all	30
Barium sulphate	all	30
Borax borates	100	35
Boric acid	Sat'd	35
Brine, salt	all	30
Butylene glycol	100	30
Butylene glycol	all	30

### C

Calcium bromide	all	30
Calcium chlorate	Sat'd	45
Calcium chloride	all	30
Calcium chloride	Sat'd	45
Calcium nitrate	Sat'd	45
Calcium sulphate	all	30
Calcium sulphate	Sat'd	45
Carbon dioxide gas		45
Carbon monoxide gas		45
Castor oil	100	30
Chromic acid	5	25

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<b>C</b>		
Chromium sulphate	Sat'd	35
Citric acid	Sat'd	45
Cobalt chloride	all	30
Cobalt nitrate	all	30
Coconut fatty acid	100	30
Coconut oil	100	30
Cod liver oil	100	30
Copper(I) chloride	all	30
Copper(I) nitrate	all	30
Copper(I) sulphate	all	30
Copper(II) chloride	all	30
Copper(II) nitrate	all	30
Copper(II) sulphate	all	30
Corn oil	100	30
Cottonseed oil	100	30
Cupric and cuprous acetate	Sat'd	35
Cupric and cuprous chloride	Sat'd	35
Cupric and cuprous cyanide	Sat'd	35
Cupric and cuprous nitrate	Sat'd	35
Cupric and cuprous sulphate	Sat'd	35
<b>D</b>		
Deionised water	100	30
Demineralised water	100	30
Diallylphthalate	100	25
Dibutyl phthalate	100	25
Diesel fuel	100	25
Diesel fuel, no aromatics, no Methanol	100	30
Diethylene glycol	100	30
Dimethyl phthalate	100	35
Dipropylene glycol	100	25
<b>E</b>		
Epoxidised Vegetable oils	100	30
Ester based lubricating oils	100	45
Ethylene glycol	100	35
<b>F</b>		
Fatty acids (C12 or higher)	all	30
Ferric acetate	100	25
Ferric chloride	Sat'd	35
Ferric chloride : Ferric sulphate	all	30
Ferric nitrate	Sat'd	35
Ferric sulphate	Sat'd	35
Ferrous acetate	100	25
Ferrous chloride	Sat'd	35
Ferrous nitrate	Sat'd	35
Ferrous sulphate	all	30
Ferrous sulphate	Sat'd	35

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<b>F</b>		
Fertiliser, Ureaammonium Cont'd 35.4% UREA		25
<b>G</b>		
Glycerine	100	35
<b>H</b>		
Hydrochloric acid	5	25
Hydrogen sulphide, gas	100	25
<b>I</b>		
Isoamyl alcohol	all	30
Isobutanol	all	30
Isobutyl alcohol	all	30
Isobutyl carbinol	all	30
<b>L</b>		
Lactic acid	50	35
Lanolin	100	35
Lead acetate	Sat'd	35
Lead chloride	Sat'd	35
Lead nitrate	Sat'd	35
Linoleic acid	100	30
Linolenic acid	100	30
Linseed oil	100	30
Lithium bromide	all	30
Lithium chloride	all	30
Lubricating oil	100	55
<b>M</b>		
Magnesium chloride	all	30
Magnesium chloride	Sat'd	35
Magnesium nitrate	all	30
Magnesium nitrate	Sat'd	35
Magnesium sulphate	All	30
Magnesium sulphate	Sat'd	35
Maleic acid	40	35
Manganese (II) chloride	all	30
Manganese (II) nitrate	all	30
Manganous sulphate	all	30
Mercuric chloride	all	30
Mercuric nitrate	all	30
Mercurous chloride (mercuric(I)chloride)	all	30
Mercury	100	30
Mineral oils	100	30
Molasses & invert molasses (2<pH<9)	100	30
Motor oil	100	30
<b>N</b>		
Nickel chloride	all	30
Nickel chloride	Sat'd	35
Nickel nitrate	all	30
Nickel nitrate	Sat'd	35

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Chemical	Concentration%	Max Temp. °c
<b>N</b>		
Nickel sulphate	all	30
Nickel sulphate	Sat'd	35
Nitric acid	5	25
<b>O</b>		
Octanol (2-)	all	30
<b>P</b>		
Paraffin wax	100	30
Perchloroethylene	100	20
Potassium aluminium sulphate	all	30
Potassium bromate	all	30
Potassium bromide	all	30
Potassium chlorate	all	30
Potassium chloride	all	30
Potassium chromate	all	30
Potassium ferricyanide	all	30
Potassium ferrocyanide	all	30
Potassium fluoride	all	30
Potassium iodide	all	30
Potassium nitrate	all	30
Potassium nitrate	all	30
Potassium sulphate	all	30
<b>S</b>		
Salt brine (see sodium chloride)	all	30
Sea water		30
Silicone oils or greases	100	30
Sodium bromide	all	30
Sodium chloride	all	30
Sodium nitrite	all	30
Sodium sulphate	all	30
Sodium thiosulphate	all	30
Starch 4 < pH < 9	all	30
<b>T</b>		
Tetrachloroethene (perchloroethene)	100	20
<b>V</b>		
Vegetable oils	100	30
<b>W</b>		
Water, Condensate	100	30
Water, Deionized	100	30
Water, demineralized	100	30
Water, Distilled	100	30
Water, Sea	100	30
Water, Tap	100	30

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