

DryBit Chemical Resistance Chart

Chemical Substance	Concentration	Temperature	
		°F	°C
Acetic Acid	10% in water	200	95
Acetic Acid	50% in water	200	95
Acetic Acid	80% in water	125	50
Acetone	10% in water	100	40
Acetyl Bromide		125	50
Acetyl Chloride		125	50
Acetylene		150	65
Acrylonitrile		75	25
Adipic Acid		150	65
Air		275	135
Alcoholic Spirits	40% Ethyl Alcohol	200	95
Allyl Alcohol		125	50
Allyl Chloride		212	100
Aluminum Acetate	Aqueous solution or solid	230	110
Aluminum Bromide		230	110
Aluminum Chloride	Up to 40% in water	230	110
Aluminum Fluoride	Aqueous solution or solid	230	110
Aluminum Hydroxide		230	110
Aluminum Nitrate	Aqueous solution or solid	230	110
Aluminum Oxychloride		230	110
Aluminum Sulfate	Aqueous solution or solid	230	110
Ammonium Acetate	Aqueous solution or solid	150	65
Ammonium Alum	Aqueous solution or solid	230	110
Ammonium Bifluoride	Aqueous solution or solid	150	65
Ammonium Bromide	Aqueous solution or solid	230	110
Ammonium Carbonate	Aqueous solution or solid	230	110
Ammonium Chloride	Aqueous solution or solid	230	110
Ammonium Dichromate	Aqueous solution or solid	230	110
Ammonium Fluoride	Aqueous solution or solid	170	75
Ammonium Hydroxide	Up to "concentrated"	200	95
Ammonium Metaphosphate	Aqueous solution or solid	230	110
Ammonium Nitrate	Aqueous solution or solid	230	110
Ammonium Persulfate	Aqueous solution or solid	75	25
Ammonium Phosphate	Aqueous solution or solid	230	110
Ammonium Sulfate	Aqueous solution or solid	230	110
Ammonium Sulfide	Aqueous solution or solid	125	50
Ammonium Thiocyanate	Aqueous solution or solid	230	110
Amyl Acetate		100	40
Amyl Alcohol		230	110
sec-Amyl Alcohol		125	50
Amyl Chloride		230	110
Aniline		100	40
Aniline Hydrochloride	Aqueous solution or solid	75	25
Aqua Regia		75	25
Arsenic Acid	Aqueous solution	230	110
Asphalt		230	110
Barium Carbonate		230	110
Barium Chloride	Aqueous solution or solid	230	110
Barium Hydroxide		230	110
Barium Nitrate	Aqueous solution or solid	230	110
Barium Sulfate		230	110
Barium Sulfide		230	110

Chemical Substance	Concentration	Temperature	
		°F	°C
Beer		212	100
Beet Sugar Liquors		230	110
Benzene		170	75
Benzenesulfonic Acid	Aqueous solution or solid	125	50
Benzoic Acid		220	105
Benzoyl Chloride		170	75
Benzoyl Peroxide		170	75
Benzyl Alcohol		230	110
Benzyl Chloride		230	110
Benzyl Ether		75	25
Black Liquor		175	80
Bio Diesel		190	90
Bleaching Agents		230	110
Borax		230	110
Boric Acid		230	110
Boron Trifluoride		75	25
Brine		230	110
Brine, acid		230	110
Brine, basic		230	110
Brine, chlorinated acid		200	95
Bromic Acid	Aqueous solution	200	95
Bromine dry gas		125	50
Bromine, liquid		125	50
Bromine, water		200	95
Bromobenzene		150	65
Bromoform		150	65
m-Bromotoluene		150	65
Butadiene		230	110
Butane		230	110
Butanediol	Aqueous solution or liquid	230	110
Butyl Acrylate		100	40
Butyl Alcohol	Aqueous solution or liquid	220	105
sec-Butyl Alcohol	Aqueous solution or liquid	200	95
t-Butyl Alcohol	Aqueous solution or liquid	200	95
Butyl Bromide		230	110
Butyl Chloride		230	110
Butyl Mercaptan		230	110
Butyl Stearate		100	40
1-Butylene		230	110
Butylphenol		230	110
Butyraldehyde		125	50
Butyric Acid		230	110
Calcium Acetate	Aqueous solution or solid	230	110
Calcium Bisulfate	Aqueous solution or solid	230	110
Calcium Bisulfite	Aqueous solution or solid	200	95
Calcium Bromide	Aqueous solution or solid	230	110
Calcium Carbonate		230	110
Calcium Chlorate	Aqueous solution or solid	230	110
Calcium Chloride	Aqueous solution or solid	230	110
Calcium Hydroxide		230	110
Calcium Hypochlorite	Aqueous solution or solid	200	95
Calcium Nitrate	Aqueous solution or solid	230	110

Chemical Substance	Concentration	Temperature	
		°F	°C
Calcium Oxide		230	110
Calcium Phosphate		230	110
Calcium Sulfate		230	110
Cane Sugar Liquors		230	110
Caprylic Acid		175	80
Carbon Dioxide		230	110
Carbon Disulfide		75	25
Carbon Monoxide		230	110
Carbon Tetrachloride		230	110
Carbonic Acid		230	110
Casein		230	110
Castor Oil		230	110
Chloral Hydrate		75	25
Chlorinated Phenol		150	65
Chlorine	5% in CCl ₄	170	75
Chlorine, gas		170	75
Chlorine, liquid		175	80
Chlorine Dioxide		150	65
Chlorine Water		230	110
Chloroacetyl Chloride		125	50
Chlorobenzene		160	70
Chlorobenzene-sulfonic Acid	Aqueous solution or pure	200	95
Chlorobenzyl Chloride		125	50
Chloroform		125	50
6-Chlorohexanol		170	75
Chlorohydrin		125	50
Chloropicrin		150	65
Chlorosulfonic Acid		75	25
Chlorotrimethylsilane		125	50
Chrome Alum	Aqueous solution or solid	200	95
Chromic Acid	Up to 40% in water	175	80
Chromic Acid	50% in water	150	65
Chromyl Chloride		125	50
Cider		212	100
Citric Acid	Aqueous solution or solid	230	110
Coal Gas		230	110
Coconut Oil		230	110
Copper Acetate	Aqueous solution or solid	230	110
Copper Carbonate, basic		230	110
Copper Chloride	Aqueous solution or solid	230	110
Copper Cyanide		230	110
Copper Fluoride		230	110
Copper Nitrate	Aqueous solution or solid	230	110
Copper Sulfate	Aqueous solution or solid	230	110
Corn Oil		230	110
Corn Syrup		230	110
Cottonseed Oil		230	110
Cresol		150	65
Cresylic Acid		150	65
Crotonaldehyde		100	40
Crude Oil		230	110
Cryolite		230	110
Cuprous Chloride		230	110

Chemical Substance	Concentration	Temperature	
		°F	°C
Cyclohexane		230	110
Cyclohexanol		150	65
Cyclohexanone		75	25
Cyclohexyl Acetate		200	95
Decane		230	110
Dextrin	Aqueous solution or solid	230	110
p-Dibromobenzene		200	95
1,2-Dibromopropane		200	95
Dichloroacetic Acid	Aqueous solution or liquid	125	50
o-Dichlorobenzene		150	65
Dichlorodimethylsilane		125	50
Dichloroethylene		220	105
2,2-Dichloropropionic Acid		125	50
αα-Dichlorotoluene		150	65
Diesel Fuels		230	110
Diethylenetriamine	Aqueous solution or liquid	100	40
Diglycolic Acid		75	25
Diisobutyl Ketone		75	25
Diisobutylene		230	110
Dimethyl Sulfate		75	25
Dimethylaniline		75	25
2,6-Dimethyl-4-heptanol		200	95
2,5-Dimethyl-1,5-hexadiene		230	110
Dioctyl Phthalate		75	25
Disodium Phosphate	Aqueous solution or solid	200	95
Divinyl Benzene		125	50
Epsom Salts	Aqueous solution or solid	200	95
Ethanethiol		75	25
2-Ethoxyethyl Acetate	Aqueous solution or liquid	200	95
Ethyl Acetoacetate		75	25
Ethyl Acrylate		75	25
Ethyl Alcohol	Aqueous solution or liquid	212	100
Ethyl Chloride		230	110
Ethyl Chloroacetate		75	25
Ethyl Chloroformate		125	50
Ethyl Cyanoacetate		75	25
Ethyl Ether		100	40
Ethyl Formate		75	25
Ethylbenzene		125	50
Ethylene Chlorohydrin	Aqueous solution or liquid	75	25
Ethylene Dichloride		230	110
Ethylene Glycol	Aqueous solution or liquid	230	110
Ethylene Oxide		200	95
Ethylenediamine	Aqueous solution or liquid	125	50
2-Ethyl-1-hexanol		230	110
Fatty Acids		230	110
Fatty Acids, Sulfonates		175	80
Ferric Chloride	Aqueous solution or solid	230	110
Ferric Hydroxide		230	110
Ferric Nitrate	Aqueous solution or solid	230	110
Ferric Sulfate		230	110
Ferric Sulfide		230	110
Ferrous Chloride	Aqueous solution or solid	230	110

Chemical Substance	Concentration	Temperature	
		°F	°C
Ferrous Hydroxide		230	110
Ferrous Nitrate	Aqueous solution or solid	230	110
Ferrous Sulfate		230	110
Fluorine		75	25
Fluoroboric Acid	Aqueous solution	230	110
Fluorosilic Acid		230	110
Formaldehyde	37% in water	125	50
Formic Acid	Aqueous solution or liquid	230	110
Fructose	Aqueous solution or solid	230	110
Fruit Juices, Pulp		230	110
Fuel Blend Diesel/Biodiesel		160	70
Fuel C		140	60
Fuel CE 10		140	60
Fuel CM15		140	60
Fuel E85		140	60
Fuel Oil		230	110
Fuel Rapeseed Oil Biodiesel 100%		140	60
Fumaric Acid		150	65
Furfural		75	25
Furfuryl Alcohol	Aqueous solution or liquid	100	40
Gallic Acid		75	25
Gas, manufactured		230	110
Gas, natural		230	110
Gasoline, leaded		230	110
Gasoline, sour		230	110
Gasoline, unleaded		230	110
Gelatin		230	110
Gin		212	100
Glucose	Aqueous solution or solid	230	100
Glue		230	110
Glutamic Acid		200	95
Glycerin	Aqueous solution or liquid	230	110
Glycine	Aqueous solution or solid	75	25
Glycolic Acid		75	25
Heptane		230	110
Hexachloro-1,3-butadiene		125	50
Hexane		230	110
Hexyl Alcohol		175	80
Hydrazine	Aqueous solution or liquid	200	95
Hydrazine Dihydrochloride	Aqueous solution or solid	75	25
Hydrazine Hydrate	Aqueous solution or liquid	125	50
Hydriodic Acid	Aqueous solution	230	110
Hydrobromic Acid	Up to 50% in water	230	110
Hydrochloric Acid	Up to "concentrated"	230	110
Hydrocyanic Acid	Aqueous solution	230	110
Hydrofluoric Acid	Up to 40% in water	230	110
Hydrofluoric Acid	41-100% in water	200	95
Hydrogen		230	110
Hydrogen Chloride		230	110
Hydrogen Cyanide		230	110
Hydrogen Fluoride		200	95
Hydrogen Peroxide	Up to 30% in water	200	95

Chemical Substance	Concentration	Temperature	
		°F	°C
Hydrogen Peroxide	90% in water	70	20
Hydrogen Sulfide		230	110
Hydrogen Sulfide	Aqueous solution	230	110
Hydroquinone		230	110
Hypochlorous Acid	Aqueous solution	70	20
Iodine	10% in Non-Aqueous solvent	150	65
Iodine, gas		150	65
Iodoform		200	95
Isoamyl Ether		125	50
Isobutyl Alcohol		230	110
Isooctane		230	110
Isophorone		125	50
Isopropyl Alcohol	Aqueous solution or liquid	140	60
Isopropyl Chloride		100	40
Isopropyl Ether		125	50
Isopropylbenzene		100	40
Jet Fuel (JP4, JP5)		200	95
Kerosene		230	110
Lactic Acid	Aqueous solution or pure	150	65
Lanolin		230	110
Lard Oil		230	110
Lauric Acid		230	110
Lauroyl Chloride		230	110
Lauryl Mercaptan		200	95
Lauryl Sulfate		230	110
Lead Acetate	Aqueous solution or solid	230	110
Lead Chloride		230	110
Lead Nitrate	Aqueous solution or solid	230	110
Lead Sulfate		230	110
Lemon Oil		230	110
Linoleic Acid		230	110
Linseed Oil		230	110
Lithium Bromide	Aqueous solution or solid	220	105
Lithium Chloride	Aqueous solution or solid	230	110
Lubricating Oil		230	110
Magnesium Carbonate		230	110
Magnesium Chloride	Aqueous solution or solid	230	110
Magnesium Citrate		230	110
Magnesium Hydroxide		230	110
Magnesium Nitrate	Aqueous solution or solid	230	110
Magnesium Sulfate	Aqueous solution or solid	230	110
Maleic Acid	Aqueous solution or solid	230	110
Malic Acid	Aqueous solution or solid	230	110
Manganese Sulfate	Aqueous solution or solid	230	110
Mercuric Chloride		230	110
Mercuric Cyanide		230	110
Mercuric Nitrate	Aqueous solution or solid	230	110
Mercury		230	110
Methacrylic Acid		125	50
Methane		230	110
Methanesulfonic Acid	Aqueous solution or liquid	200	95
Methyl Acetate		100	40
Methyl Acrylate		75	25

Chemical Substance	Concentration	Temperature	
		°F	°C
Methyl Alcohol	Aqueous solution or liquid	230	110
Methyl Bromide		230	110
Methyl Chloride		230	110
Methyl Methacrylate		100	40
Methyl Salicylate		150	65
Methylchloroform		125	50
Methylene Bromide		175	80
Methylene Chloride		75	25
Methylene Iodine		200	95
Methylsulfuric Acid	Aqueous solution or liquid	150	65
Methyltrichlorosilane		150	65
Milk		230	110
Mineral Oil		230	110
Molasses		212	100
Morpholine	Aqueous solution or liquid	75	25
Motor Oil		230	110
Naphtha		230	110
Naphthalene		200	95
Nickel Acetate	Aqueous solution or solid	230	110
Nickel Chloride	Aqueous solution or solid	230	110
Nickel Nitrate	Aqueous solution or solid	230	110
Nickel Sulfate	Aqueous solution or solid	230	110
Nicotine		70	20
Nicotinic Acid		230	110
Nitric Acid	Up to 10% in water	175	80
Nitric Acid	11-70% in water	150	65
Nitrobenzene		75	25
Nitroethane		70	20
Nitrogen		230	110
Nitrogen Dioxide		170	75
Nitroglycerin		125	50
Nitromethane		125	50
Nitrotoluene		175	80
Octane		230	110
Octene		230	110
Oleic Acid		230	110
Olive Oil		230	110
Oxalic Acid		125	50
Oxygen		230	110
Ozone		230	110
Palm Oil		200	95
Palmitic Acid		230	110
Paraffin		230	110
Paraffin Oil		230	110
Peanut Oil		230	110
Perchloric Acid	10% in water	200	95
Perchloric Acid	70% in water	125	50
Perchloroethylene		230	110
Perchloromethyl Mercaptan		125	50
Petrolatum		230	110
Petroleum		230	110
Phenol	5% in water	175	80

Chemical Substance	Concentration	Temperature	
		°F	°C
Phenol		125	50
1-Phenol-2-sulfonic Acid		125	50
Phenyl Ether		125	50
Phenylhydrazine		125	50
Phenylhydrazine Hydrochloride	Aqueous solution or solid	125	50
o-Phenylphenol		175	80
Phosgene		175	80
Phosphoric Acid	Less than 85% in water	230	110
Phosphoric Acid	85% in water	230	110
Phosphorus, red		75	25
Phosphorus, Pentachloride		200	95
Phosphorus, Pentoxide		200	95
Phosphorus, Trichloride		200	95
Phthalic Acid		200	95
Picric Acid		75	25
Plating Solutions: Brass		220	105
Cadmium		220	105
Chrome		220	105
Copper		220	105
Iron		220	105
Lead		220	105
Nickel		220	105
Rodium		220	105
Silver		220	105
Speculum		220	105
Tin		220	105
Zinc		220	105
Polyethylene Glycol		200	95
Polyvinyl Acetate		230	110
Polyvinyl Alcohol		230	110
Potassium Acetate	Aqueous solution or solid	230	110
Potassium Alum	Aqueous solution or liquid	230	110
Potassium Aluminum Chloride		230	110
Potassium Bicarbonate	Aqueous solution or solid	200	95
Potassium Bisulfate	Aqueous solution or solid	230	110
Potassium Borate	Aqueous solution or solid	230	110
Potassium Bromate	Aqueous solution or solid	230	110
Potassium Bromide	Aqueous solution or solid	230	110
Potassium Carbonate	Aqueous solution or solid	230	110
Potassium Chlorate		200	95
Potassium Chloride	Aqueous solution or solid	230	110
Potassium Chromate	Aqueous solution or solid	230	110
Potassium Cyanide	Aqueous solution or solid	230	110
Potassium Dichromate		230	110
Potassium Ferricyanide	Aqueous solution or solid	230	110
Potassium Ferrocyanide	Aqueous solution or solid	230	110
Potassium Fluoride	Aqueous solution or solid	230	110
Potassium Hypochlorite	Aqueous solution	200	95
Potassium Iodide	Aqueous solution or solid	230	110
Potassium Nitrate	Aqueous solution or solid	230	110
Potassium Perborate		230	110
Potassium Perchlorate		200	95

Chemical Substance	Concentration	Temperature	
		°F	°C
Potassium Permanganate	Aqueous solution or solid	230	110
Potassium Persulfate		125	50
Potassium Sulfate	Aqueous solution or solid	230	110
Potassium Sulfide		230	110
Propane		230	110
Propyl Acetate		75	25
Propyl Alcohol	Aqueous solution or liquid	150	65
Propylene Dibromide		200	95
Propylene Dichloride		200	95
Propylene Glycol	Aqueous solution or liquid	150	65
Pyrogallol	Aqueous solution or solid	125	50
Refrigerant 11		212	100
Refrigerant 12		212	100
Refrigerant 13		212	100
Refrigerant 14		212	100
Refrigerant 21		212	100
Refrigerant 22		212	100
Refrigerant 113		212	100
Refrigerant 114		212	100
Salicylaldehyde		125	50
Salicylic Acid		200	95
Selenic Acid	Aqueous solution or pure	150	65
Silicon Tetrachloride		125	50
Silicone Oil		230	110
Silver Cyanide		230	110
Silver Nitrate	Aqueous solution or solid	230	110
Silver Sulfate		230	110
Sodium Acetate	Aqueous solution or solid	230	110
Sodium Benzoate	Aqueous solution or solid	230	110
Sodium Bicarbonate	Aqueous solution or solid	230	110
Sodium Bisulfate	Aqueous solution or solid	230	110
Sodium Bisulfite	Aqueous solution or solid	230	110
Sodium Bromate	Aqueous solution or solid	200	95
Sodium Bromide	Aqueous solution or solid	230	110
Sodium Carbonate	Aqueous solution or solid	230	110
Sodium Chlorate	Aqueous solution or solid	230	110
Sodium Chlorite	Aqueous solution or solid	230	110
Sodium Chromate	Aqueous solution or solid	200	95
Sodium Cyanide	Aqueous solution or solid	230	110
Sodium Dichromate	Aqueous solution or solid	200	95
Sodium Dithionite	Aqueous solution or solid	100	40
Sodium Ferricyanide	Aqueous solution or solid	230	110
Sodium Ferrocyanide	Aqueous solution or solid	230	110
Sodium Fluoride	Aqueous solution or solid	230	110
Sodium Fluosilicate		200	95
Sodium Hydrogen Phosphate	Aqueous solution or solid	230	110
Sodium Hydroxide	Up to 10% in water *	125	50
Sodium Hydroxide	Greater than 50% in water	75	25
Sodium Hypochlorite	Up to 5% in water	230	110
Sodium Hypochlorite	6-15% in water	200	95
Sodium Iodide	Aqueous solution or solid	230	110
Sodium Nitrate	Aqueous solution or solid	230	110

Chemical Substance	Concentration	Temperature	
		°F	°C
Sodium Nitrite	Aqueous solution or solid	230	110
Sodium Palmitate		230	110
Sodium Perchlorate	Aqueous solution or solid	230	110
Sodium Peroxide		200	95
Sodium Phosphate	Aqueous solution or solid	230	110
Sodium Thiocyanate	Aqueous solution or solid	230	110
Sodium Thiosulfate	Aqueous solution or solid	230	110
Sour Crude Oil		230	110
Soybean Oil		230	110
Stannic Chloride	Aqueous solution or solid	230	110
Stannous Chloride	Aqueous solution or solid	230	110
Starch		200	95
Stearic Acid		230	110
Stilbene		175	80
Styrene		180	85
Succinic Acid		150	65
Sugar Syrup		230	110
Sulfur		230	110
Sulfur Chloride		75	25
Sulfur Dichloride		75	25
Sulfur Dioxide		175	80
Sulfuric Acid	Up to 60% in water	230	110
Sulfuric Acid	60-93% in water	200	95
Sulfuric Acid	93-98% in water	150	65
Sulfuric Acid, fuming		125	50
Sulfuryl Fluoride		75	25
Tall Oil		230	110
Tallow		230	110
Tannic Acid		230	110
Tar		230	110
Tartaric Acid		230	110
1,1,2,2,-Tetrabromoethane		230	110
1,1,2,2,-Tetrachloroethane		230	110
2,3,4,6-Tetrachlorophenol		150	65
Tetraethyllead		230	110
Tetramethylammonium Hydroxide		175	80
Thioglycol		75	25
Thioglycolic Acid		175	80
Thread Cutting Oils		200	95
Titanium Tetrachloride		150	65
Toluene		150	65
Toluenesulfonyl Chloride		125	50
Tomato Juice		230	110
Tributyl Phosphate		75	25
Trichloroacetic Acid		200	95
Trichloroacetic Acid		125	50
1,2,4-Trichlorobenzene		200	95
1,1,2-Trichloroethane		150	65
Trichloroethylene		230	110
2,4,5-Trichlorophenol		150	65
Triethanolamine		125	50
Triethylamine		100	40

