

UHMW CHEMICAL RESISTANCE TABLE

Reagente	23°C	60°C	Reagente	23°C	60°C	Reagente	23°C	60°C	Reagente	23°C	60°C
Acetic acid 10%	A	A	Cetyl alcohol	A	A	Hydrobromic acid	A	A	Potassium ferrocyanide sat.	A	A
Acetic acid 100%	A	B	Chlorinated water 2%	A	A	Hydrobromic acid	B	X	Potassium fluoride	A	A
Acetic acid 60%	A	A	Chlorinated water sat.	A	B	Hydrobromic acid aq.50%	A	A	Potassium hydroxide	A	A
Acetic aldehyde 100%	B	X	Chlorine (dry gas)	B	X	Hydrochloric acid aq.10%	A	A	Potassium nitrate sat.	A	A
Acetic aldehyde 40%	B	X	Chlorine (liquid)	B	X	Hydrocyanic acid aq.sat.	A	A	Potassium perborate sat.	A	A
Acetic anhydride	A	B	Chlorine (wet gas)	B	X	Hydrofluoric acid aq.40-75%	A	A	Potassium perchlorate 10%	A	A
Acetone	A	A	ChlorineBenzene	B	X	Hydrogen	A	A	Potassium permanganate	A	A
Acetophenone	B	A	Chloroacetic acid	X	X	Hydrogen bromide 10%	A	A	Potassium sulfite	A	A
Acrylic emulsion	A	A	Chloroform	X	X	Hydrogen peroxide 30%	A	A	Potassium sulphate conc.	A	A
Acrylonitrile	A	A	Chlorosulfonic acid	X	X	Hydrogen peroxide 90%	A	B	Potassium sulphide conc.	A	A
Adipic acid	A	A	Chrome alum sat.	A	A	Hydrogen phosphite 100%	A	A	Propane (gas)	A	A
Alumens	A	A	Chromic acid 80%	A	A	Hydrogen sulfide	A	A	Propanol	A	A
Aluminum acetate	A	A	Citric acid	A	A	Hydroquinone	A	A	Propargyl alcohol	A	A
Aluminum chloride	A	A	Citronella oil	B	X	Iodine (in alcohol)	B	B	Propylene dichloride 100%	X	X
Aluminum fluoride	A	A	Clove oil	A	B	Isobutyl alcohol 100%	A	A	Propylene glycol	A	A
Aluminum hydroxide	A	A	Coclohexanona	B	X	Isopropyl alcohol 100%	A	A	Pyridine	A	B
Aluminum oxalate	A	A	Coconut oil	A	A	Kerosene	A	B	Resorcinol	A	A
Aluminum sulfate	A	A	Cod liver oil	A	A	Ketchup	A	A	Royal water	B	B
Ammonia (gas)	A	A	Coffee	A	A	Lactic acid 10-90%	A	A	Salicylic acid	A	A
Ammoniacal ferrous citrate	A	A	Copper chloride sat.	A	A	Lanolin 100%	A	A	Sea water	A	A
Ammonium bicarbonate	A	A	Copper cyanide	A	A	Lard	A	A	Selenic acid	A	A
Ammonium bromide	A	A	Copper fluoride sat.	A	A	Lauric acid	A	A	Silicic acid	A	A
Ammonium carbonate	A	A	Copper nitrate sat.	A	A	Lead acetate sat.	A	A	Silicone oil 100%	A	B
Ammonium chloride sat.	A	A	Copper sulphate sat.	A	A	Lead-tetraethyl 100%	A	A	Silver nitrate (sol.)	A	A
Ammonium fluoride 20%	A	A	Corn oil	A	A	Linseed oil 100%	A	A	Soap	A	A
Ammonium hydrosulfide	A	A	Cotton oil	A	A	Lubricant	A	B	Sodium acetate sat.	A	A
Ammonium hydroxide	A	A	Cresol	A	A	Magnesium carbonate sat.	A	A	Sodium benzoate 35%	A	A
Ammonium metaphosphate sat.	A	A	Cresol 100%	X	X	Magnesium chloride sat.	A	A	Sodium bicarbonate sat	A	A
Ammonium nitrate sat.	A	A	Cresylic acid	A	A	Magnesium hydroxide sat.	A	A	Sodium bisulfate sat.	A	A
Ammonium oxalate	A	A	Cuprous chloride sat.	A	A	Magnesium nitrate sat.	A	A	Sodium bisulfite sat.	A	A
Ammonium persulphate sat.	A	A	Cuprous oxide	A	A	Magnesium sulfate sat.	A	A	Sodium borate	A	A
Ammonium phosphate	A	A	Cyclohexane	A	B	Magnesium sulfide sat.	A	A	Sodium carbonate conc.	A	A
Ammonium sulfate sat.	A	A	Cyclohexanol	A	A	Maleic acid	A	A	Sodium chlorate sat.	A	A
Ammonium sulfide sat.	A	A	Decalina	X	X	Margarine	A	A	Sodium chloride sat.	A	A
Ammonium thiocyanate sat	A	A	Detergents	A	A	Meat extracts	A	A	Sodium cyanide	A	A
Amyl acetate 100%	B	X	Detergents	A	A	Mercury 100%	A	A	Sodium dichromate	A	A
Amyl alcohol 100%	A	A	Dextrin	A	A	Mercury chloride sat	A	A	Sodium ferricyanide sat.	A	A
Amyl chloride 100%	B	A	Dextrose	A	A	Mercury cyanide sat.	A	A	Sodium ferrocyanide sat.	A	A
Aniline 100%	A	A	Diazo salts	A	A	Mercury nitrate sat.	A	A	Sodium fluoride sat.	A	A
Aniline sulfate	A	B	Dibutyl phthalate	A	B	Methanol 100%	A	A	Sodium hydroxide conc.	A	A
Anisol 100%	B	B	Dichlorethylene	X	X	Methyl bromide 100%	B	X	Sodium hypochlorite 20%	A	A
Antimony pentachloride	A	A	Dichlorethylene 100%	B	X	Methyl chloride 100%	B	A	Sodium nitrate	A	A
Antimony trichloride	A	A	Dichlorobenzene	X	X	Methyl ethyl ketone	X	X	Sodium nitrite	A	A
Arsenic acid 100%	A	A	Dichlorobenzene (o/p)	B	X	Methylene chloride 100%	X	X	Sodium phosphate	A	A
Aspirin	A	A	Diethyl ether	X	X	Milk	A	A	Sodium phosphate	A	A
Babassu oil	A	A	Digliconic acid	A	A	Molasses	A	A	Sodium silicate	A	A
Barium carbonate	A	A	Dimethylamine	X	X	Naphthalene 100%	B	X	Sodium sulphate sat	A	A
Barium chloride	A	A	Diocetyl phthalate	A	B	Nickel Chloride sat.	A	A	Sodium sulphide sat.	A	A
Barium hydroxide	A	A	Distilled (drinks)	A	A	Nickel bromide conc.	A	A	Sodium sulphite sat.	A	A
Barium sulfate	A	A	Dry hydrogen chloride	A	A	Nickel sulfate sat.	A	A	Soy oil	A	A
Barium sulfide	A	A	Dry natural gas (methane)	A	A	Nicotinic acid	A	A	Stearic acid 100%	A	A
Beer	A	A	Emulsifiers	A	A	Nitric acid (steaming)	X	X	Succinic acid	A	A
Beeswax	A	B	Ethanolamine	A	A	Nitric acid 0-30%	A	A	Sugar (syrup)	A	A
Benzaldehyde	B	X	Ethyl acetate	B	A	Nitric acid 30-50%	B	B	Sulfamic acid	A	A
Benzene	B	X	Ethyl alcohol	A	A	Nitric acid 70%	B	X	Sulfur	A	A
Benzilic alcohol	A	A	Ethyl butyrate	B	B	Nitrobenzene 100%	X	X	Sulfur dioxide (dry)	A	A
Benzyl Acid	A	A	Ethyl chloride	A	A	Nitroglycerin	B	A	Sulfur dioxide (wet)	A	A
Bismuth carbonate	A	A	Ethyl ether	B	X	Oleic acid	A	B	Sulfur trioxide (dry)	A	A
Borax	A	A	Ethylene glycol	A	A	Oleum	B	X	Sulfuric acid (steaming)	X	X
Boric acid	A	A	Ethylene glycol	A	A	Olive oil	A	A	Sulfuric acid 0-50%	A	A
Boron trifluoride	A	A	Ethylene oxide	A	B	Oxalic acid	A	A	Sulfuric acid 80%	A	B
Bromine (gas)	X	X	Fatty acids	A	A	Oxygen 100%	A	A	Sulfuric acid 98%	B	X
Bromine (liquid)	B	X	Ferric chloride sat.	A	A	Ozone 100%	A	B	Sulfurous acid	A	A
Butadiene	B	X	Ferric nitrate sat.	A	A	Paraffin oil	A	B	Sulphonic acid (Benzene)	A	A
Butane	A	A	Ferric sulfate	A	A	Peppermint oil	B	X	Surfactants	A	A
Butanediol	A	A	Ferrous chloride sat.	A	A	Perchloric acid	A	A	Tallow	A	B
Butter	A	A	Ferrous sulfate	A	A	Petrolato	A	A	Tannic acid 10%	A	A
Butyl acetate	B	X	Fluoboric acid	A	A	Petroleum ether	B	X	Tartaric acid 10%	A	A
Butyl alcohol	A	A	Fluorine	A	X	Phenol 90%	B	X	Tea	A	A
Butyl aldehyde	B	X	Fluosilicic acid conc.	A	A	Phosphoric acid (all conc.)	A	A	Tetrahydrofuran 100%	B	B
Caffeine citrate	A	A	Formic acid 20-100%	A	A	Phosphorus pentoxide 100%	A	A	Tetralin 100%	X	X
Calcium bromide	A	A	Formic aldehyde 40%	A	A	Phosphorus trichloride 100%	A	A	Toluene 100%	X	X
Calcium carbonate	A	A	Fructose sat.	A	A	Photo Developers	A	A	Transformer oil	A	B
Calcium chlorate	A	A	Fruit juices	A	A	Photographic emulsions	A	A	Trichlorethylene 100%	X	X
Calcium chloride	A	A	Fuel oil	A	X	Photographic fixer	A	A	Trichloroacetic acid 10%	B	B
Calcium hydroxide	A	A	Furfural 100%	B	X	Photographic solutions	A	A	Triethanolamine 100%	A	B
Calcium hypochlorite	A	A	Galic acid sat.	A	A	Phthalic anhydride	A	A	Trisodium phosphate sat.	A	A
Calcium nitrate	A	A	Gasoline	A	B	Picric acid 1%	A	A	Turpentine	B	X
Calcium phosphate	A	A	Gear oil	A	B	Pine oil	B	X	Urea	A	A
Calcium sulfate	A	A	Gelatin	A	A	Potassium bicarbonate sat.	A	A	Vanilla (extract)	A	A
Calcium sulfide	A	A	Glucose	A	A	Potassium borate 1%	A	A	Vinegar	A	A
Camphor (oil)	X	X	Glue concentrates	A	A	Potassium bromate 10%	A	A	Wine	A	A
Carbon dioxide	A	A	Glycerin	A	A	Potassium bromide sat.	A	A	Xylene	X	X
Carbon disulfide	X	X	Glycine	A	A	Potassium carbonate sat.	A	A	Yeast	A	A
Carbon monoxide	A	A	Glycol	A	A	Potassium chlorate sat.	A	A	Yellow phosphorus	A	A
Carbon tetrachloride	X	X	Glycolic acid 30%	A	A	Potassium chloride sat.	A	A	Zinc chloride sat.	A	A
Carbonic acid	A	A	Heptane	A	B	Potassium chromate 40%	A	A	Zinc oxide	A	A
Carnauba wax	A	A	Hexachlorobenzene	A	A	Potassium cyanide sat.	A	A	Zinc sulfate sat.	A	A
Carrot juice	A	A	Hexane	B	X	Potassium dichromate 40%	A	A			
Castor oil	A	A	Hexanol tert.	A	A	Potassium ferricyanide sat.	A	A			

A - No Effect | B - Moderate effect | X - Accentuated Effect