

DETASULTRA CHEMICAL RESISTANCE CHART

Substances	PP + GF	PP+GF with silver copper surface treatment	TPE	PC	PA66
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LEGEND: A = No effect | B = Mild effect | C = Moderate effect | D = Adverse effect | X = No data found

Acetaldehyde	B	B	B	B	B
Acetic Acid	B	B	B	B	B
Acetone	B	B	C	D	C
Acetonitrile	A	A	B	D	D
Acetophenone	B	B	C	D	C
Acrylic Acid	B	B	D	C	B
Acrylic Acid Methyl Ester	B	A	C	C	B
Ammonium Acetate	A	A	B	X	B
Ammonium Persulphate	B	B	D	X	B
Benzene	A	A	D	D	D
Benzene Sulfonic Acid	B	B	D	D	D
Benzoic Acid	A	A	B	B	B
Butyl Acetate	A	A	C	D	C
Butylene Glycol	A	A	B	B	A
Calcium Acetate	A	A	A	A	A
Calcium Carbonate	A	A	A	C	C
Calcium Hydroxide	B	A	A	D	B
Calcium Lactate	A	A	X	X	A
Castor Oil	A	A	B	A	A
Citric Acid	B	B	A	A	B
Coconut Oil	A	A	B	B	A
Compressed Air Oil	A	A	A	X	B
Diesel Oil	A	A	B	B	A
Diethyl Ether (<20 OC)	A	C	D	D	B
Diethyl Ether (20 OC)	C	B	D	D	B
Dimethyl Formamide	D	C	C	D	D
Ethanol	A	A	B	B	A
Ethyl Acetate	B	A	D	D	D
Ethyl Alcohol	A	A	B	B	A
Ethyl Alcohol (<95%)	B	A	B	C	A
Ethylene Glycol	A	A	A	A	A
Formic Acid	D	D	C	B	C

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Fuel Oil	A	A	B	B	A
Glycerol	A	A	B	A	A
Hydrogen Chloride (HCL) (< 20%)	D	D	D	B	B
Hydrogen Peroxide (< 10%)	C	B	D	B	C
Iodine-Potassium Iodide Solution (Lugol's Solution)	C	B	B	A	A
Isopropyl Alcohol	A	A	B	B	A
Lactic Acid	B	A	B	B	B
Lemon Juice Concentrate	B	C	C	C	B
Magnesium Salts	A	A	A	A	A
Magnesium Stearate	A	A	A	A	A
Maltodextrin	A	A	A	A	A
Methanol	A	A	D	C	B
Methyl Methacrylate	B	A	C	B	B
Mineral Oil (<20 OC)	A	A	A	B	A
Nicotinamide (Vitamin B3)	A	A	A	A	A
Palm Nut Oil	A	A	A	B	A
Palm Oil	A	A	X	B	A
Paraffin Oil	X	X	A	B	A
Phosphoric Acid	B	B	C	B	C
Phthalic Acid	B	B	B	B	B
Polyethylene Glycol	A	A	B	A	A
Polyvinyl Chloride (PVC)	C	B	X	B	B
Potassium Hydroxide	C	C	C	D	D
Potassium Sorbate	A	A	A	A	A
Propylene Glycol	A	A	B	A	A
Silicone Oil	A	A	A	A	A
Sodium Benzoate (< 35%)	A	B	A	A	A
Sodium Bicarbonate	A	B	A	A	A
Sodium Chloride	A	B	C	A	A
Sodium Citrate	A	A	A	A	A
Sodium Hydroxide	C	C	A	D	C
Soybean Oil	A	A	A	B	A

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Sulfuric Acid	B	D	B	C	D
Sunflower Oil	A	A	A	B	A
Tartaric Acid (Conc.)	C	B	B	B	B
Titanium Dioxide	A	A	A	A	A
Toluene	B	A	D	D	D
Turpentine Oil	B	B	D	D	D
Xanthan Gum	A	A	A	A	A
Zinc Stearate	A	A	A	A	A
Hydrochloric Acid	A	C	A	C	C

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