

DRUM PUMPS & PUMPS

CHEMICAL CHART

CHEMICAL	RYTON (PPS)	VITON	TEFLON	BUNA N	EDPM	HYPALON	PVC
Acetic Acid	Excellent	Good	Excellent	Fair	Excellent	Fair	Severe Effect
Acetic Acid 20%	Excellent	Good	Excellent	Good	Excellent	Excellent	Severe Effect
Acetic Acid 80%	Excellent	Good	Excellent	Fair	Excellent	Fair	Fair
Acetone	Excellent	Severe Effect	Excellent	Severe Effect	Excellent	Fair	Severe Effect
Alcohols: Isopropyl	N/A	Excellent	Excellent	Good	Excellent	Excellent	Excellent
Ammonia, liquid	Excellent	Severe Effect	Excellent	Fair	Excellent	Severe Effect	Excellent
Antifreeze	N/A	Excellent	N/A	Excellent	Excellent	N/A	Excellent
Benzene	Excellent	Excellent	Excellent	Severe Effect	Severe Effect	Severe Effect	Fair
Boric Acid	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Bromine	Severe Effect	Excellent	Excellent	Severe Effect	Severe Effect	Severe Effect	Fair
Butanol (Butyl Alcohol)	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Fair
Chloric Acid	N/A	N/A	Excellent	N/A	N/A	N/A	Excellent
Chlorine Water	Severe Effect	Excellent	Excellent	Severe Effect	Fair	Fair	Excellent
Chromic Acid 10%	Excellent	Good	Excellent	Severe Effect	Fair	Fair	Excellent
Chromic Acid 30%	Good	Excellent	Excellent	Severe Effect	Good	Fair	Excellent
Chromic Acid 5%	Excellent	Excellent	Excellent	Severe Effect	Excellent	Good	Excellent
Chromic Acid 50%	Excellent	Excellent	Excellent	Severe Effect	Good	Fair	Severe Effect
Clorox (Bleach)	Severe Effect	Excellent	Excellent	Severe Effect	Good	Good	Excellent
Diesel Fuel	Excellent	Excellent	Excellent	Excellent	Severe Effect	Good	Excellent
Ethanol	N/A	Excellent	Excellent	Fair	Excellent	Excellent	Fair
Ethylene Glycol	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Fuel Oils	Excellent	Excellent	Good	Excellent	Severe Effect	Fair	Excellent
Gasoline, unleaded	Excellent	Excellent	Excellent	Excellent	Severe Effect	Excellent	Fair
Glycerin	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Heptane	Excellent	Excellent	Excellent	Excellent	Severe Effect	Good	Fair
Hexane	Excellent	Excellent	Excellent	Excellent	Severe Effect	Good	Good
Hydrochloric Acid 100%	Severe Effect	Excellent	Excellent	Severe Effect	Severe Effect	Severe Effect	Severe Effect
Hydrochloric Acid 20%	Severe Effect	Excellent	Excellent	N/A	Excellent	Excellent	Excellent
Hydrochloric Acid 37%	Severe Effect	Excellent	Excellent	Good	Fair	Good	Good
Hydrofluoric Acid 100%	Severe Effect	Good	Excellent	Severe Effect	Severe Effect	Good	Fair
Hydrofluoric Acid 20%	Excellent	Excellent	Excellent	Severe Effect	Severe Effect	Good	Good
Hydrofluoric Acid 50%	Excellent	Good	Excellent	Severe Effect	Severe Effect	Good	Good
Hydrofluoric Acid 75%	Good	Good	Excellent	Severe Effect	Fair	Good	Fair
Hydrogen Peroxide 10%	Excellent	Excellent	Excellent	Severe Effect	Excellent	Severe Effect	Excellent
Hydrogen Peroxide 100%	Fair	Excellent	Excellent	Severe Effect	Severe Effect	Severe Effect	Excellent
Hydrogen Peroxide 30%	Excellent	Excellent	Excellent	Severe Effect	Good	Severe Effect	Excellent
Hydrogen Peroxide 50%	N/A	Excellent	Excellent	Severe Effect	Good	Severe Effect	Excellent
Ink	N/A	Excellent	Excellent	Excellent	N/A	N/A	Fair
Iodine	Severe Effect	Excellent	Excellent	Good	Good	Severe Effect	Excellent
Jet Fuel (JP3, JP4, JP5)	Excellent	Excellent	Excellent	Excellent	Severe Effect	Severe Effect	Fair
Kerosene	Excellent	Excellent	Excellent	Excellent	Severe Effect	Severe Effect	Excellent
Ketones	Excellent	Severe Effect	Excellent	Severe Effect	Excellent	N/A	Severe Effect
Lacquer Thinners	N/A	Severe Effect	Excellent	Severe Effect	Severe Effect	Severe Effect	Severe Effect
Lacquers	N/A	Severe Effect	Excellent	Severe Effect	Severe Effect	Severe Effect	Severe Effect
Methanol (Methyl Alcohol)	Excellent	Fair	Excellent	Excellent	Excellent	Excellent	Excellent
Methyl Ethyl Ketone	Excellent	Severe Effect	Excellent	Severe Effect	Excellent	Severe Effect	Severe Effect
Mineral Spirits	Excellent	Excellent	Excellent	Excellent	Severe Effect	Fair	Excellent
Motor oil	Excellent	N/A	Excellent	Excellent	Severe Effect	N/A	Good
Naphtha	Excellent	Excellent	Good	Excellent	Severe Effect	Severe Effect	Excellent
Nitric Acid (20%)	Fair	Excellent	Excellent	Severe Effect	Excellent	Severe Effect	Excellent
Nitric Acid (50%)	Fair	Excellent	Excellent	Severe Effect	Severe Effect	Severe Effect	Good
Nitric Acid (5-10%)	Good	Excellent	Excellent	Severe Effect	Excellent	Good	Excellent
Nitric Acid (Concentrated)	Fair	Excellent	Excellent	Severe Effect	Severe Effect	Severe Effect	Good
Oils: Diesel Fuel (20, 30, 40, 50)	Excellent	Excellent	Excellent	Excellent	Severe Effect	Good	Good
Oils: Fuel (1, 2, 3, 5A, 5B, 6)	Excellent	Good	Excellent	Good	Severe Effect	Severe Effect	Excellent
Oils: Hydraulic Oil (Petro)	Severe Effect	Excellent	Excellent	Excellent	Severe Effect	Excellent	Excellent
Oils: Hydraulic Oil (Synthetic)	N/A	Excellent	Excellent	Severe Effect	Excellent	Excellent	Excellent
Oils: Linseed	Good	Excellent	Excellent	Excellent	Severe Effect	Fair	Excellent
Oils: Mineral	Excellent	Excellent	Excellent	Excellent	Severe Effect	Good	Good
Phosphoric Acid (>40%)	Excellent	Excellent	Excellent	Severe Effect	Good	Good	Good
Phosphoric Acid (crude)	Excellent	Excellent	Excellent	Severe Effect	Good	Good	Good
Phosphoric Acid (molten)	N/A	N/A	N/A	N/A	N/A	N/A	Severe Effect
Phosphoric Acid (540%)	Excellent	Excellent	Excellent	Severe Effect	Good	Good	Good
Potassium Hydroxide (Caustic Potash)	Excellent	Good	Excellent	Good	Excellent	Excellent	Excellent
Rust Inhibitors	N/A	Excellent	N/A	Excellent	N/A	N/A	N/A
Sea Water	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Soap Solutions	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sodium Hydroxide (20%)	Excellent	Fair	Excellent	Excellent	Good	Excellent	Excellent
Sodium Hydroxide (50%)	Excellent	Severe Effect	Excellent	Excellent	Good	Excellent	Excellent
Sodium Hydroxide (80%)	Excellent	Severe Effect	Excellent	Severe Effect	Good	Excellent	Excellent
Sodium Hypochlorite (<20%)	Excellent	Excellent	Excellent	Good	Good	Excellent	Excellent
Sodium Hypochlorite (100%)	Excellent	Excellent	Excellent	Severe Effect	Good	Good	Good
Stoddard Solvent	Excellent	Excellent	Excellent	Excellent	Severe Effect	N/A	Fair
Sulfuric Acid (<10%)	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sulfuric Acid (10-75%)	Excellent	Excellent	Excellent	Good	Good	Good	Excellent
Sulfuric Acid (75-100%)	Excellent	Excellent	Excellent	Fair	Good	Fair	Severe Effect
Sulfuric Acid (cold concentrated)	Excellent	Good	Excellent	Severe Effect	Fair	Fair	Severe Effect
Sulfuric Acid (hot concentrated)	Severe Effect	Excellent	Excellent	Severe Effect	Severe Effect	Severe Effect	Severe Effect
Toluene (Toluol)	Excellent	Fair	Excellent	Severe Effect	Severe Effect	Severe Effect	Severe Effect
Trichloroethane	N/A	Excellent	Excellent	Severe Effect	Severe Effect	Severe Effect	Fair
Trisodium Phosphate	Excellent	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
Turpentine	Excellent	Excellent	Excellent	N/A	Severe Effect	Severe Effect	Severe Effect
Vinegar	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Good
Water, Deionized	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Water, Distilled	Excellent	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
Water, Fresh	Excellent	Excellent	Excellent	Excellent	Excellent	N/A	Good
Water, Salt	Excellent	Excellent	Excellent	Excellent	Excellent	N/A	Good
Xylene	Excellent	Good	Excellent	Severe Effect	Severe Effect	Severe Effect	Severe Effect