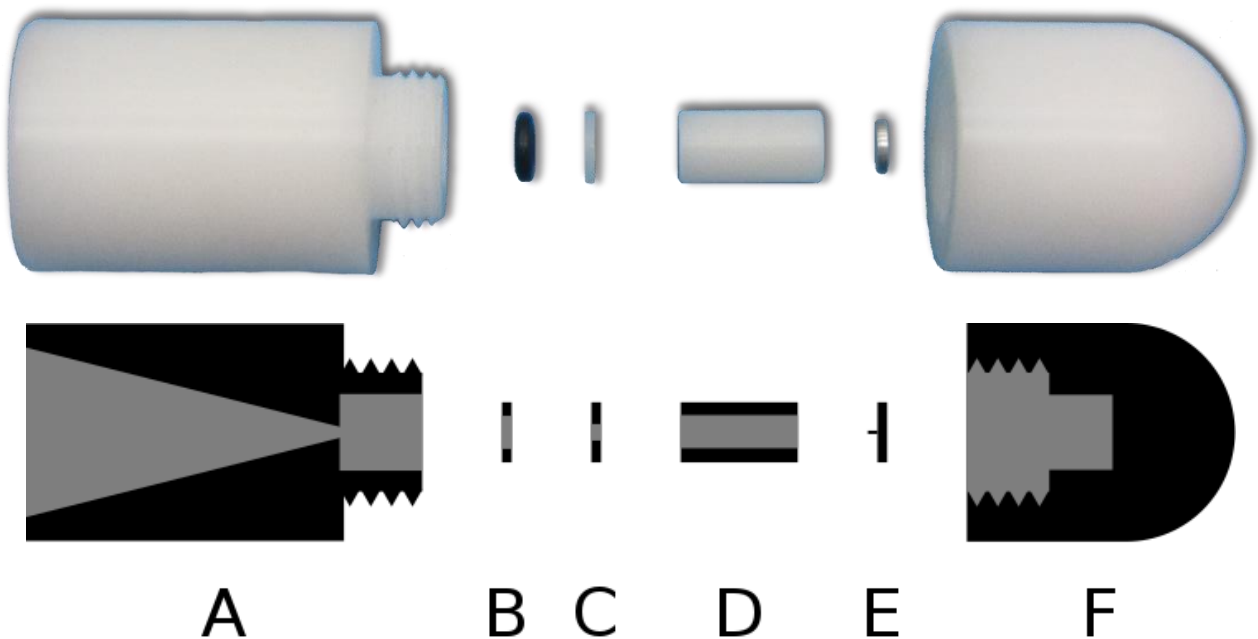


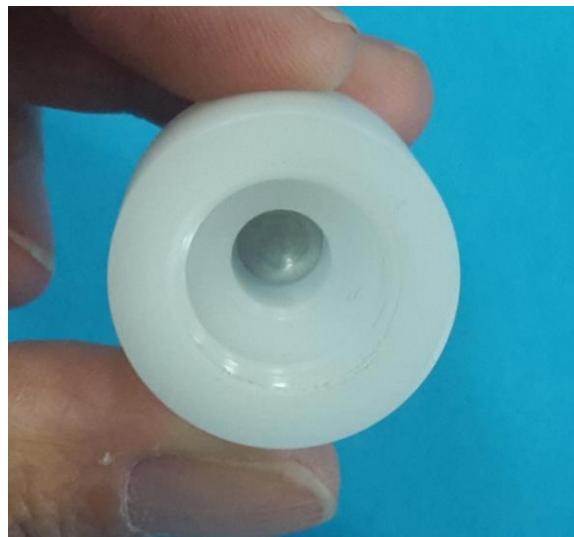
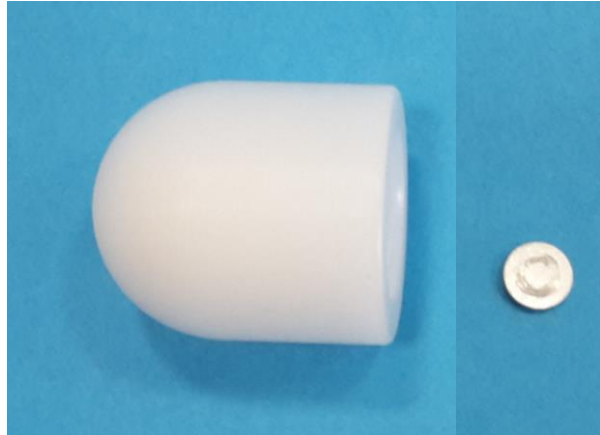
## spiNpack components:



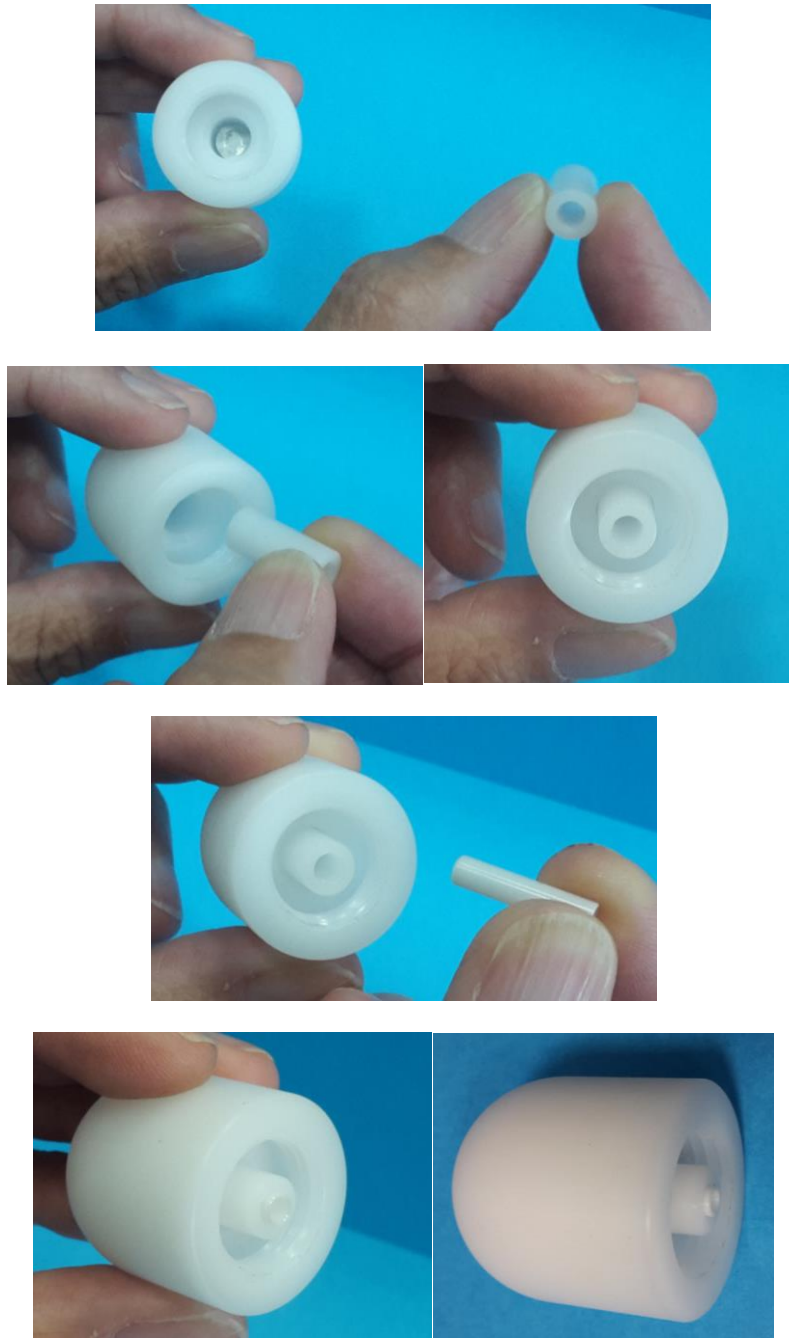
- Components:
- A spiNpack top funnel
  - B O-ring
  - C Gasket
  - D Rotor holder
  - E *for 3.2 and 4.0 mm spiNpack* – Aluminium round spacer  
*for 1.3 and 1.9 mm spiNpack* – Delrin® round spacer with pin
  - F spiNpack bottom

**TO ASSEMBLY THE DEVICE PLEASE FOLLOW THE SUBSEQUENT STEPS:**

## **Step 1: bottom part assembly**



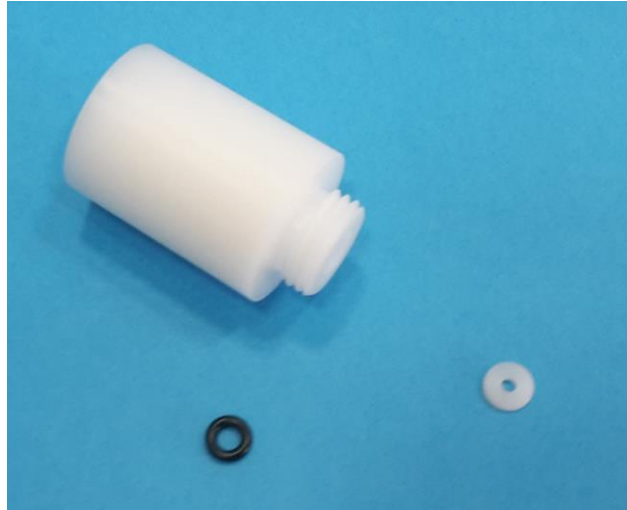
**BE CAREFUL:** In case of 1.3 and 1.9 mm spiNpack, be sure that the pin on component E is not damaged.



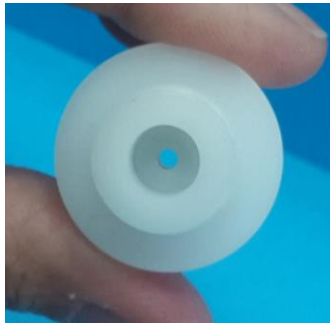
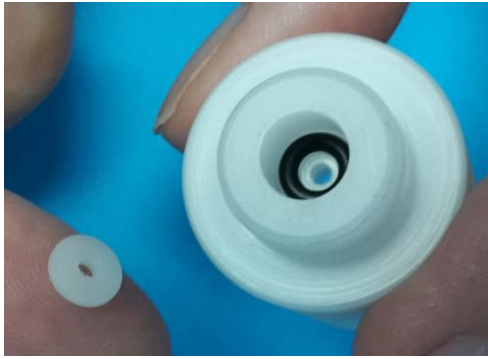
**BE CAREFUL:** the rotor should fit in the rotor holder and stick out from the cylinder less than 1mm. In case of 1.3 and 1.9 mm spiNpack the rotor should be inserted without the bottom cap (if you need you can use the internal sealing).

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## Step 2: top part assembly



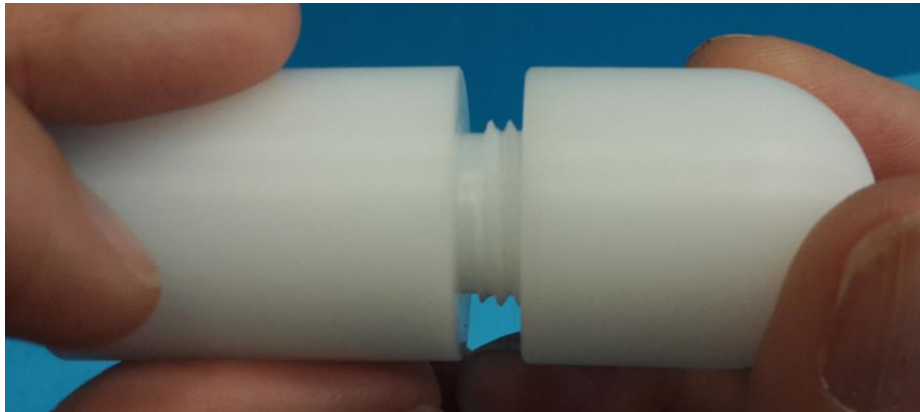
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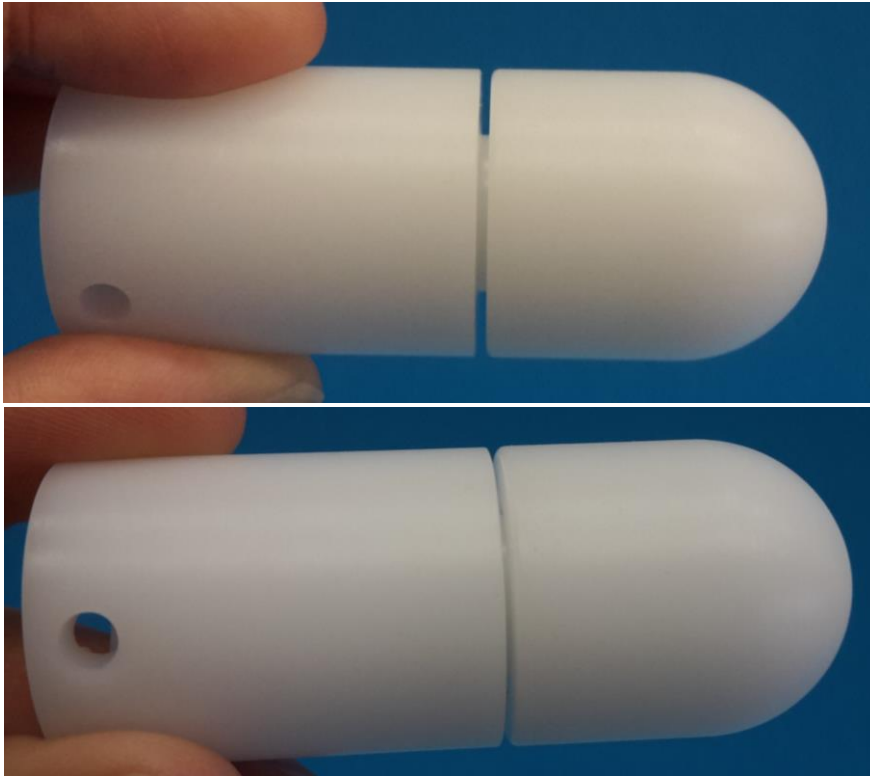


**BE CAREFUL:** during the use of the device, the rotor will impress the gasket sealing all the system.

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## Step 3: final assembly





**BE CAREFUL:** a space thinner than 1 mm between the top and the bottom component is normal. This space is necessary to let the system seal during the centrifugation.

When you are using the device in centrifuge: be sure that the device is well closed, that the buckets are well balanced and that all the system is in the best conditions for a safe use (i.e. centrifuge rotor, buckets and MAS rotor have to be not damaged).

**In case of any doubt please contact us at  
[info@giottobiotech.com](mailto:info@giottobiotech.com)**

## spiNpack compatibility chart

Chemical	Compatibility		
Acetaldehyde	A-Excellent	Ammonia Nitrate	C-Fair
Acetamide	A-Excellent	Ammonia, anhydrous	D-Severe Effect
Acetic Acid	D-Severe Effect	Ammonia, liquid	D-Severe Effect
Acetic Acid 20%	C-Fair	Ammonium Bifluoride	D-Severe Effect
Acetic Acid 80%	D-Severe Effect	Ammonium Carbonate	D-Severe Effect
Acetic Acid, Glacial	D-Severe Effect	Ammonium Caseinate	D-Severe Effect
Acetic Anhydride	D-Severe Effect	Ammonium Chloride	B-Good
Acetone	A-Excellent	Ammonium Hydroxide	C-Fair
Acetyl Chloride (dry)	D-Severe Effect	Ammonium Nitrate	A <sup>2</sup> -Excellent
Acetylene	A-Excellent	Ammonium Oxalate	B-Good
Alcohols: Amyl	A-Excellent	Ammonium Persulfate	D-Severe Effect
Alcohols: Benzyl	A-Excellent	Ammonium Phosphate, Dibasic	B <sup>2</sup> -Good
Alcohols: Butyl	A-Excellent	Ammonium Phosphate, Monobasic	B-Good
Alcohols: Diacetone	A-Excellent	Ammonium Phosphate, Tribasic	B-Good
Alcohols: Ethyl	A <sup>1</sup> -Excellent	Ammonium Sulfate	B <sup>1</sup> -Good
Alcohols: Hexyl	A-Excellent	Ammonium Sulfite	D-Severe Effect
Alcohols: Isobutyl	A-Excellent	Ammonium Thiosulfate	B-Good
Alcohols: Isopropyl	A-Excellent	Amyl Acetate	B <sup>1</sup> -Good
Alcohols: Methyl	A-Excellent	Amyl Alcohol	A-Excellent
Alcohols: Octyl	A-Excellent	Amyl Chloride	A-Excellent
Alcohols: Propyl	A-Excellent	Aniline	A <sup>1</sup> -Excellent
Aluminum Chloride 20%	C-Fair	Antifreeze (glycol-based)	B-Good
Aluminum Fluoride	C-Fair	Aqua Regia (80% HCl, 20% HNO <sub>3</sub> )	D-Severe Effect
Aluminum Hydroxide	A-Excellent	Aromatic Hydrocarbons	A-Excellent
Aluminum Nitrate	B <sup>1</sup> -Good	Arsenic Acid	D-Severe Effect
Aluminum Potassium Sulfate 10%	C-Fair	Asphalt	B <sup>2</sup> -Good
Aluminum Potassium Sulfate 100%	C-Fair	Barium Carbonate	A-Excellent
Aluminum Sulfate	B <sup>1</sup> -Good	Barium Chloride	A-Excellent
Amines	D-Severe Effect	Barium Cyanide	B-Good
Ammonia 10%	D-Severe Effect	Barium Hydroxide	D-Severe Effect
		Barium Nitrate	B <sup>2</sup> -Good



Barium Sulfate	B <sup>2</sup> -Good	Calcium Oxide	A-Excellent
Barium Sulfide	A-Excellent	Calcium Sulfate	D-Severe Effect
Beer	A <sup>1</sup> -Excellent	Calgon	A-Excellent
Beet Sugar Liquids	B-Good	Cane Juice	A-Excellent
Benzaldehyde	A-Excellent	Carbolic Acid (Phenol)	D-Severe Effect
Benzene	A <sup>1</sup> -Excellent	Carbon Bisulfide	A-Excellent
Benzoic Acid	B-Good	Carbon Dioxide (dry)	A-Excellent
Benzol	A-Excellent	Carbon Dioxide (wet)	A-Excellent
Benzyl Chloride	A-Excellent	Carbon Disulfide	A <sup>1</sup> -Excellent
Bleach	D-Severe Effect	Carbon Monoxide	A-Excellent
Borax (Sodium Borate)	B-Good	Carbon Tetrachloride	B <sup>1</sup> -Good
Boric Acid	A-Excellent	Carbon Tetrachloride (wet)	A <sup>1</sup> -Excellent
Brewery Slop	B-Good	Carbonated Water	A-Excellent
Bromine	D-Severe Effect	Carbonic Acid	B <sup>1</sup> -Good
Butadiene	A-Excellent	Catsup	B-Good
Butane	A-Excellent	Chloric Acid	D-Severe Effect
Butanol (Butyl Alcohol)	A-Excellent	Chlorinated Glue	D-Severe Effect
Butter	A-Excellent	Chlorine (dry)	D-Severe Effect
Buttermilk	A-Excellent	Chlorine Water	D-Severe Effect
Butyl Amine	C <sup>1</sup> -Fair	Chlorine, Anhydrous Liquid	A <sup>1</sup> -Excellent
Butyl Ether	D-Severe Effect	Chloroacetic Acid	D-Severe Effect
Butylacetate	A-Excellent	Chlorobenzene (Mono)	D-Severe Effect
Butylene	A-Excellent	Chloroform	A-Excellent
Butyric Acid	A-Excellent	Chlorosulfonic Acid	D-Severe Effect
Calcium Bisulfide	D-Severe Effect	Chocolate Syrup	A-Excellent
Calcium Bisulfite	D-Severe Effect	Chromic Acid 10%	D-Severe Effect
Calcium Carbonate	A-Excellent	Chromic Acid 30%	D-Severe Effect
Calcium Chlorate	A-Excellent	Chromic Acid 5%	D-Severe Effect
Calcium Chloride (30% in water)	D-Severe Effect	Chromic Acid 50%	D-Severe Effect
Calcium Chloride (saturated)	D-Severe Effect	Cider	A-Excellent
Calcium Hydroxide	D-Severe Effect	Citric Acid	B <sup>1</sup> -Good
Calcium Hydroxide 10%	A-Excellent	Citric Oils	B-Good
Calcium Hypochlorite	D-Severe Effect	Coffee	A-Excellent
Calcium Nitrate	D-Severe Effect	Copper Chloride	A-Excellent

Copper Cyanide	A-Excellent	Ethylene Oxide	D-Severe Effect
Copper Fluoborate	B-Good	Fatty Acids	A-Excellent
Copper Nitrate	A-Excellent	Ferric Chloride	D-Severe Effect
Copper Sulfate >5%	D-Severe Effect	Ferric Nitrate	D-Severe Effect
Copper Sulfate 5%	D-Severe Effect	Ferric Sulfate	D-Severe Effect
Cream	A-Excellent	Ferrous Chloride	D-Severe Effect
Creosote	D-Severe Effect	Ferrous Sulfate	D-Severe Effect
Cresols	D-Severe Effect	Fluoboric Acid	A <sup>1</sup> -Excellent
Cresylic Acid	D-Severe Effect	Fluorine	D-Severe Effect
Cyanic Acid	D-Severe Effect	Fluosilicic Acid	A <sup>1</sup> -Excellent
Cyclohexane	A <sup>1</sup> -Excellent	Formaldehyde 100%	A-Excellent
Cyclohexanone	A-Excellent	Formaldehyde 40%	A <sup>2</sup> -Excellent
Detergents	A <sup>1</sup> -Excellent	Formic Acid	A <sup>2</sup> -Excellent
Dichloroethane	A <sup>1</sup> -Excellent	Freon® 11	D-Severe Effect
Diesel Fuel	A-Excellent	Freon® 113	A-Excellent
Diethylamine	B-Good	Freon® 12	B-Good
Diethylene Glycol	A <sup>1</sup> -Excellent	Freon® 22	A-Excellent
Dimethyl Aniline	D-Severe Effect	Freon® TF	A-Excellent
Dimethyl Formamide	D-Severe Effect	Fruit Juice	D-Severe Effect
Diphenyl Oxide	D-Severe Effect	Fuel Oils	A-Excellent
Dyes	C-Fair	Furan Resin	D-Severe Effect
Epsom Salts (Magnesium Sulfate)	B-Good	Furfural	A-Excellent
Ethane	A <sup>1</sup> -Excellent	Gasoline (high-aromatic)	B-Good
Ethanol	A <sup>1</sup> -Excellent	Gasoline, leaded, ref.	A-Excellent
Ethanolamine	D-Severe Effect	Gasoline, unleaded	A-Excellent
Ether	A <sup>1</sup> -Excellent	Gelatin	B-Good
Ethyl Acetate	A-Excellent	Glucose	A-Excellent
Ethyl Chloride	A <sup>1</sup> -Excellent	Glue, P.V.A.	A-Excellent
Ethyl Ether	A <sup>1</sup> -Excellent	Glycerin	A-Excellent
Ethylene Chloride	A <sup>1</sup> -Excellent	Glycolic Acid	A-Excellent
Ethylene Chlorohydrin	D-Severe Effect	Gold Monocyanide	A-Excellent
Ethylene Diamine	D-Severe Effect	Grape Juice	A-Excellent
Ethylene Dichloride	B <sup>1</sup> -Good	Grease	D-Severe Effect
Ethylene Glycol	B-Good	Heptane	A-Excellent

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Hexane	A-Excellent	Lactic Acid	B-Good
Honey	A-Excellent	Lard	A-Excellent
Hydraulic Oil (Petro)	B-Good	Latex	B-Good
Hydrazine	B-Good	Lead Acetate	B-Good
Hydrobromic Acid 100%	D-Severe Effect	Lead Sulfamate	A-Excellent
Hydrobromic Acid 20%	C-Fair	Ligroin	B-Good
Hydrochloric Acid 100%	C-Fair	Lime	B-Good
Hydrochloric Acid 20%	C-Fair	Linoleic Acid	B-Good
Hydrochloric Acid 37%	C-Fair	Lithium Chloride	A-Excellent
Hydrocyanic Acid	B-Good	Lubricants	A-Excellent
Hydrocyanic Acid (Gas 10%)	C-Fair	Lye: Ca(OH) <sub>2</sub> Calcium Hydroxide	D-Severe Effect
Hydrofluoric Acid 100%	D-Severe Effect	Lye: KOH Potassium Hydroxide	A-Excellent
Hydrofluoric Acid 20%	D-Severe Effect	Lye: NaOH Sodium Hydroxide	C-Fair
Hydrofluoric Acid 50%	D-Severe Effect	Magnesium Carbonate	A-Excellent
Hydrofluoric Acid 75%	D-Severe Effect	Magnesium Chloride	B <sup>1</sup> -Good
Hydrofluosilicic Acid 100%	A-Excellent	Magnesium Hydroxide	A-Excellent
Hydrofluosilicic Acid 20%	B-Good	Magnesium Nitrate	A-Excellent
Hydrogen Peroxide 10%	D-Severe Effect	Magnesium Oxide	A-Excellent
Hydrogen Peroxide 100%	D-Severe Effect	Magnesium Sulfate (Epsom Salts)	B-Good
Hydrogen Peroxide 30%	D-Severe Effect	Maleic Acid	A-Excellent
Hydrogen Peroxide 50%	D-Severe Effect	Maleic Anhydride	D-Severe Effect
Hydrogen Sulfide (aqua)	C-Fair	Malic Acid	A-Excellent
Hydroquinone	A-Excellent	Manganese Sulfate	A <sup>1</sup> -Excellent
Hydroxyacetic Acid 70%	A-Excellent	Mash	A-Excellent
Ink	B-Good	Mayonnaise	A-Excellent
Iodine	D-Severe Effect	Melamine	A-Excellent
Iodine (in alcohol)	D-Severe Effect	Mercuric Chloride (dilute)	B-Good
Isopropyl Acetate	D-Severe Effect	Mercury	A-Excellent
Isopropyl Ether	D-Severe Effect	Methane	A-Excellent
Jet Fuel (JP3, JP4, JP5, JP8)	A <sup>1</sup> -Excellent	Methanol (Methyl Alcohol)	A-Excellent
Kerosene	A <sup>2</sup> -Excellent	Methyl Acetate	B-Good
Ketones	D-Severe Effect	Methyl Acetone	D-Severe Effect
Lacquer Thinners	D-Severe Effect	Methyl Acrylate	B-Good
Lacquers	D-Severe Effect	Methyl Alcohol 10%	A-Excellent

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Methyl Bromide	D-Severe Effect	Oils: Citric	A-Excellent
Methyl Butyl Ketone	D-Severe Effect	Oils: Coconut	A-Excellent
Methyl Cellosolve	D-Severe Effect	Oils: Cod Liver	B-Good
Methyl Chloride	B-Good	Oils: Corn	A-Excellent
Methyl Dichloride	D-Severe Effect	Oils: Cottonseed	A-Excellent
Methyl Ethyl Ketone	C-Fair	Oils: Creosote	D-Severe Effect
Methyl Methacrylate	D-Severe Effect	Oils: Crude Oil	A-Excellent
Methylamine	D-Severe Effect	Oils: Diesel Fuel (20, 30, 40, 50)	D-Severe Effect
Methylene Chloride	B-Good	Oils: Fuel (1, 2, 3, 5A, 5B, 6)	D-Severe Effect
Milk	A-Excellent	Oils: Ginger	A-Excellent
Mineral Spirits	A-Excellent	Oils: Hydraulic Oil (Petro)	B-Good
Molasses	A-Excellent	Oils: Lemon	D-Severe Effect
Monochloroacetic Acid	D-Severe Effect	Oils: Linseed	A-Excellent
Monoethanolamine	D-Severe Effect	Oils: Mineral	A-Excellent
Motor Oil	B-Good	Oils: Olive	A-Excellent
Mustard	C-Fair	Oils: Orange	D-Severe Effect
Naphtha	A <sup>1</sup> -Excellent	Oils: Palm	A-Excellent
Naphthalene	A <sup>1</sup> -Excellent	Oils: Peanut	A-Excellent
Natural Gas	B-Good	Oils: Peppermint	D-Severe Effect
Nickel Chloride	A-Excellent	Oils: Pine	A-Excellent
Nickel Sulfate	A-Excellent	Oils: Rapeseed	A-Excellent
Nitrating Acid (>15% H <sub>2</sub> SO <sub>4</sub> )	D-Severe Effect	Oils: Sesame Seed	D-Severe Effect
Nitric Acid (20%)	D-Severe Effect	Oils: Silicone	A-Excellent
Nitric Acid (5 to10%)	D-Severe Effect	Oils: Soybean	A-Excellent
Nitric Acid (50%)	D-Severe Effect	Oils: Sperm (whale)	D-Severe Effect
Nitric Acid (Concentrated)	D-Severe Effect	Oils: Tanning	D-Severe Effect
Nitrobenzene	C-Fair	Oils: Transformer	A-Excellent
Nitromethane	A-Excellent	Oils: Turbine	A-Excellent
Oils: Aniline	D-Severe Effect	Oleic Acid	A-Excellent
Oils: Anise	D-Severe Effect	Oleum 100%	D-Severe Effect
Oils: Bay	D-Severe Effect	Oleum 25%	D-Severe Effect
Oils: Bone	D-Severe Effect	Oxalic Acid (cold)	B-Good
Oils: Castor	A-Excellent	Ozone	C-Fair
Oils: Cinnamon	D-Severe Effect	Palmitic Acid	A-Excellent

Paraffin	A-Excellent	Plating Solutions: Chromium: Black Chrome Bath 115°F	D-Severe Effect
Pentane	B-Good		
Perchloric Acid	C-Fair	Plating Solutions: Chromium: Chromic-Sulfuric Bath 130°F	D-Severe Effect
Perchloroethylene	B-Good		
Petrolatum	B-Good	Plating Solutions: Chromium: Fluoride Bath 130°F	D-Severe Effect
Petroleum	B-Good	Plating Solutions: Chromium: Fluosilicate Bath 95°F	D-Severe Effect
Phenol (10%)	B-Good		
Phenol (Carbolic Acid)	D-Severe Effect	Plating Solutions: Copper (Acid): Copper Fluoborate Bath 120°F	C-Fair
Phosphoric Acid (<40%)	D-Severe Effect		
Phosphoric Acid (>40%)	D-Severe Effect	Plating Solutions: Copper (Acid): Copper Sulfate Bath R.T.	A-Excellent
Phosphoric Acid (crude)	D-Severe Effect		
Phosphoric Acid (molten)	D-Severe Effect	Plating Solutions: Copper (Cyanide): Copper Strike Bath 120°F	A-Excellent
Phosphoric Acid Anhydride	D-Severe Effect		
Phosphorus	B-Good	Plating Solutions: Copper (Cyanide): High-Speed Bath 180°F	B-Good
Phosphorus Trichloride	D-Severe Effect		
Photographic Developer	D-Severe Effect	Plating Solutions: Copper (Cyanide): Rochelle Salt Bath 150°F	B-Good
Photographic Solutions	D-Severe Effect		
Phthalic Acid	C-Fair	Plating Solutions: Copper (Misc): Copper (Electroless)	D-Severe Effect
Phthalic Anhydride	C-Fair		
Picric Acid	A-Excellent	Plating Solutions: Copper (Misc): Copper Pyrophosphate	A-Excellent
Plating Solutions: Antimony Plating 130°F	A-Excellent		
Plating Solutions: Arsenic Plating 110°F	A-Excellent	Potash (Potassium Carbonate)	B-Good
Plating Solutions: Brass: High-Speed Brass Bath 110°F	A-Excellent	Potassium Bromide	A-Excellent
Plating Solutions: Brass: Regular Brass Bath 100°F	A-Excellent	Potassium Chlorate	B-Good
Plating Solutions: Bronze: Cu-Cd Bronze Bath R.T.	A-Excellent	Potassium Chloride	A-Excellent
Plating Solutions: Bronze: Cu-Sn Bronze Bath 160°F	B-Good	Potassium Chromate	C-Fair
Plating Solutions: Bronze: Cu-Zn Bronze Bath 100°F	A-Excellent	Potassium Cyanide Solutions	C-Fair
Plating Solutions: Cadmium: Cyanide Bath 90°F	A-Excellent	Potassium Dichromate	A-Excellent
Plating Solutions: Cadmium: Fluoborate Bath 100°F	C-Fair	Potassium Ferricyanide	B <sup>1</sup> -Good
Plating Solutions: Chromium: Barrel Chrome Bath 95°F	D-Severe Effect	Potassium Hydroxide (Caustic Potash)	A-Excellent
		Potassium Nitrate	A-Excellent
		Potassium Permanganate	A-Excellent
		Potassium Sulfate	B-Good
		Propane (liquefied)	A-Excellent
		Propylene Glycol	B-Good
		Pyridine	B-Good
		Pyrogallic Acid	D-Severe Effect
		Rosins	B-Good

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Rum	A-Excellent	Sodium Polyphosphate	B-Good
Rust Inhibitors	A-Excellent	Sodium Silicate	C-Fair
Salad Dressings	A-Excellent	Sodium Sulfate	B-Good
Salicylic Acid	D-Severe Effect	Sodium Sulfide	B-Good
Sea Water	A-Excellent	Sodium Tetraborate	B-Good
Shellac (Bleached)	A-Excellent	Sodium Thiosulfate (hypo)	C <sup>1</sup> -Fair
Shellac (Orange)	A-Excellent	Sorghum	A-Excellent
Silicone	A-Excellent	Soy Sauce	A-Excellent
Silver Bromide	C-Fair	Stannic Chloride	C-Fair
Silver Nitrate	A-Excellent	Stannic Fluoborate	C-Fair
Soap Solutions	A-Excellent	Starch	A-Excellent
Soda Ash (see Sodium Carbonate)	A-Excellent	Stearic Acid	A-Excellent
Sodium Acetate	B-Good	Stoddard Solvent	A-Excellent
Sodium Aluminate	B-Good	Styrene	A-Excellent
Sodium Bicarbonate	A-Excellent	Sugar (Liquids)	A-Excellent
Sodium Bisulfate	B-Good	Sulfate (Liquors)	D-Severe Effect
Sodium Bisulfite	C-Fair	Sulfur Chloride	D-Severe Effect
Sodium Bromide	A-Excellent	Sulfur Dioxide	B-Good
Sodium Carbonate	A <sup>1</sup> -Excellent	Sulfur Dioxide (dry)	B-Good
Sodium Chlorate	A-Excellent	Sulfur Trioxide (dry)	D-Severe Effect
Sodium Chloride	A <sup>1</sup> -Excellent	Sulfuric Acid (<10%)	D-Severe Effect
Sodium Chromate	D-Severe Effect	Sulfuric Acid (10-75%)	D-Severe Effect
Sodium Cyanide	A-Excellent	Sulfurous Acid	C-Fair
Sodium Ferrocyanide	A-Excellent	Sulfuryl Chloride	A-Excellent
Sodium Hydroxide (20%)	A-Excellent	Tallow	A-Excellent
Sodium Hydroxide (50%)	A-Excellent	Tannic Acid	B-Good
Sodium Hydroxide (80%)	D-Severe Effect	Tanning Liquors	B-Good
Sodium Hypochlorite (<20%)	D-Severe Effect	Tartaric Acid	B-Good
Sodium Hypochlorite (100%)	D-Severe Effect	Tetrachloroethane	A-Excellent
Sodium Metaphosphate	B-Good	Tetrachloroethylene	A-Excellent
Sodium Metasilicate	D-Severe Effect	Tetrahydrofuran	A-Excellent
Sodium Nitrate	A-Excellent	Toluene (Toluol)	C <sup>1</sup> -Fair
Sodium Perborate	B-Good	Tomato Juice	B-Good
Sodium Peroxide	D-Severe Effect	Trichloroethane	A-Excellent

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Trichloroethylene	D-Severe Effect	Water, Distilled	B-Good
Trichloropropane	A-Excellent	Water, Fresh	A <sup>2</sup> -Excellent
Tricresylphosphate	C-Fair	Water, Salt	A-Excellent
Triethylamine	D-Severe Effect	Weed Killers	A-Excellent
Trisodium Phosphate	A-Excellent	Whey	A-Excellent
Turpentine	A <sup>2</sup> -Excellent	Whiskey and Wines	A-Excellent
Urea	A-Excellent	White Liquor (Pulp Mill)	D-Severe Effect
Urine	A-Excellent	White Water (Paper Mill)	B-Good
Varnish	A-Excellent	Xylene	A-Excellent
Vegetable Juice	A-Excellent	Zinc Chloride	C-Fair
Vinegar	B-Good	Zinc Hydrosulfite	C-Fair
Water, Acid, Mine	A <sup>1</sup> -Excellent	Zinc Sulfate	C-Fair

#### Explanation of Footnotes

1. Satisfactory to 72°F (22°C)
2. Satisfactory to 120°F (48°C)

#### Ratings -- Chemical Effect

**A = Excellent.**

**B = Good** -- Minor Effect, slight corrosion or discoloration.

**C = Fair** -- Moderate Effect, not recommended for continuous use. Softening, loss of strength, swelling may occur.

**D = Severe Effect**, not recommended for ANY use.

**N/A** = Information not available.

#### WARNING

The information in this chart has been supplied to Giotto Biotech by other reputable sources and is to be used ONLY as a guide in selecting chemicals.

Ratings of chemical behavior listed in this chart apply at a 48-hr exposure period. Giotto Biotech has no knowledge of possible effects beyond this period. Giotto Biotech does not warrant (neither express nor implied) that the information in this chart is accurate or complete.

#### DANGER

Variations in chemical behavior during handling due to factors such as temperature, pressure, and concentrations can cause equipment to fail, even though it passed an initial test.

#### SERIOUS INJURY MAY RESULT

Use suitable guards and/or personal protections when handling chemicals.

#### Giotto Biotech S.r.l.

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