



205LTR LIFT ACTION DRUM PUMP WITH MEASURE KIT

MODEL NO: **TP6808**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instructions



Wear eye protection



Wear protective gloves



Wear protective clothing



Wear safety footwear

1. SAFETY

- ✗ **DO NOT** use with any flammable liquids.
- ✗ **DO NOT** overfill the Safety Measure
- ✓ Wear appropriate protective clothing when pumping solvents. We recommend eye/face and hand protection, available from your authorised Sealey Stockist.
- ✓ Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.
- ✓ Ensure any spillages are dealt with immediately. Failure to do so could lead to injury.
- ✓ Keep children away from areas where solvents are being used.

2. INTRODUCTION

Made from high quality polypropylene and LDPE plastic, pump has a broad chemical resistance: including mild solvents. Acid resistant, caustic resistant, and resistant to chlorine based chemicals. Pumps soaps, cleaning chemicals, sanitisers, antifreeze, AdBlue and battery acid and more. Supplied with adjustable 2" BSP adaptor and dip-tube suitable for 205ltr drums. Features lift action operation which pumps on the way back up as well as the down push, enabling a larger delivery per stroke. Supplied with a lock on measuring bottle for effective pumping with no leaks or spillages. Pump also features a locking strap to prevent accidental operation whilst not in use.

3. ASSEMBLY

- 3.1. The pump can be held in place by the threaded insert. Screw the top of the insert down, you will feel the insert gripping the lifting tube.
- 3.2. The bottle connects to the filler by twisting.

4. OPERATION

- ✗ **DO NOT** use pump when spout is pointed upwards.
- 4.1. **RELEASING THE PUMP HANDLE.**
 - 4.1.1. Squeeze the sides of the retaining clip to force the locating bit out of the hole and slide the clip back off of the handle.

5. MAINTENANCE

- ✓ Store in a safe place away from children.
- ✓ Make sure the pump is empty before long term storage.

6. APPLICATION

The information provided on this chart is from different sources.

USE AS A GUIDE ONLY

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 discolouration.

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.

Swelling of PP will occur with strong solvents.

Such swelling of the PP causes the drum pump to jam.

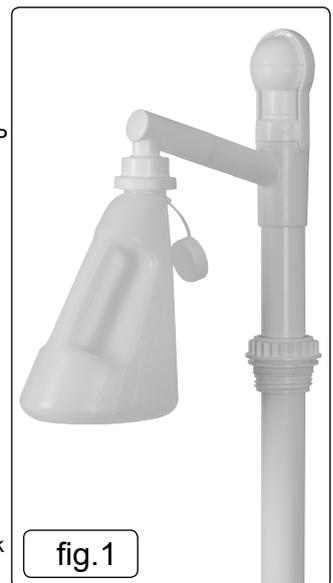


fig. 1

USE AS A GUIDE ONLY

CHEMICAL	POLYPROPYLENE	LDPE (SEALS)
Acetamide	A1-Excellent (Satisfactory to 72°F (22°C))	A-Excellent
Acetylene	A1-Excellent (Satisfactory to 72°F (22°C))	D-Severe Effect
Isooctane	A2-Excellent(Satisfactory to 120°F (48°C))	B-Good
Alcohols:Ethyl	A-Excellent	B-Good
Acetaldehyde	A1-Excellent (Satisfactory to 72°F (22°C))	C-Fair
Acetic Acid, Glacial	A1-Excellent (Satisfactory to 72°F (22°C))	B-Good
Acetic Acid 20%	A-Excellent	A-Excellent
Acrylonitrile	A1-Excellent (Satisfactory to 72°F (22°C))	A-Excellent
Aniline	A1-Excellent (Satisfactory to 72°F (22°C))	C-Fair
Alcohols:Butyl	A-Excellent	A-Excellent
Alcohols:Isobutyl	A1-Excellent (Satisfactory to 72°F (22°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Alcohols:Isopropyl	A2-Excellent(Satisfactory to 120°F (48°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Butane	A1-Excellent (Satisfactory to 72°F (22°C))	C1-Fair
Butanol (Butyl Alcohol)	A1-Excellent (Satisfactory to 72°F (22°C))	B2-Good
Alcohols:Methyl	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Alcohols:Propyl	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Cresylic Acid	A1-Excellent (Satisfactory to 72°F (22°C))	B1-Good
Aluminum Nitrate	A2-Excellent(Satisfactory to 120°F (48°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Diethyl Ether	A1-Excellent (Satisfactory to 72°F (22°C))	N/A
Diethylamine	A1-Excellent (Satisfactory to 72°F (22°C))	D-Severe Effect
Aluminum Potassium Sulfate 10%	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Formic Acid	A1-Excellent (Satisfactory to 72°F (22°C))	B-Good
Aluminum Potassium Sulfate 100%	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Alums	A-Excellent	A-Excellent
Jet Fuel (JP3, JP4, JP5)	A1-Excellent (Satisfactory to 72°F (22°C))	D-Severe Effect
Ammonium Acetate	A-Excellent	A-Excellent
Lubricants	A1-Excellent (Satisfactory to 72°F (22°C))	D-Severe Effect
Malic Acid	A1-Excellent (Satisfactory to 72°F (22°C))	B2-Good
Motor oil	A1-Excellent (Satisfactory to 72°F (22°C))	C1-Fair
Ammonium Bifluoride	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Oils:Cod Liver	A1-Excellent (Satisfactory to 72°F (22°C))	N/A
Ammonium Persulfate	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Paraffin	A1-Excellent (Satisfactory to 72°F (22°C))	B-Good
Ammonium Phosphate, Dibasic	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Salicylic Acid	A1-Excellent (Satisfactory to 72°F (22°C))	B2-Good
Ammonium Phosphate, Monobasic	A-Excellent	A-Excellent
Ammonium Sulfate	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Sulfur Dioxide	A1-Excellent (Satisfactory to 72°F (22°C))	B1-Good
Antifreeze	A-Excellent	A-Excellent
Barium Chloride	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Calcium Chloride	A2-Excellent(Satisfactory to 120°F (48°C))	B2-Good
Beer	A1-Excellent (Satisfactory to 72°F (22°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Beet Sugar Liquids	A1-Excellent (Satisfactory to 72°F (22°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Bleaching Liquors	A1-Excellent (Satisfactory to 72°F (22°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Ammonia 10%	A2-Excellent(Satisfactory to 120°F (48°C))	B-Good
Ammonia, liquid	A2-Excellent(Satisfactory to 120°F (48°C))	B-Good
Ammonium Sulfite	A2-Excellent(Satisfactory to 120°F (48°C))	B2-Good
Boric Acid	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Buttermilk	A1-Excellent (Satisfactory to 72°F (22°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Calcium Bisulfite	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Calcium Hydroxide	A2-Excellent(Satisfactory to 120°F (48°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Chocolate Syrup	A2-Excellent(Satisfactory to 120°F (48°C))	N/A
Cupric Acid	A2-Excellent(Satisfactory to 120°F (48°C))	B1-Good

Diethylene Glycol	A2-Excellent(Satisfactory to 120°F (48°C))	B2-Good
Calcium Hypochlorite	A1-Excellent (Satisfactory to 72°F (22°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Hydrobromic Acid 20%	A2-Excellent(Satisfactory to 120°F (48°C))	B2-Good
Calcium Nitrate	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Carbon Dioxide (dry)	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Latex	A2-Excellent(Satisfactory to 120°F (48°C))	N/A
Carbon Dioxide (wet)	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Carbon Monoxide	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Chlorobromomethane	A-Excellent	A-Excellent
Chromic Acid 10%	A-Excellent	A-Excellent
Chromic Acid 30%	A-Excellent	A-Excellent
Magnesium Bisulfate	A2-Excellent(Satisfactory to 120°F (48°C))	N/A
Chromic Acid 5%	A-Excellent	A-Excellent
Citric Acid	A-Excellent	A-Excellent
Copper Sulfate >5%	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Copper Sulfate 5%	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Detergents	A-Excellent	A-Excellent
Nitric Acid (20%)	A2-Excellent(Satisfactory to 120°F (48°C))	C-Fair
Diacetone Alcohol	A1-Excellent (Satisfactory to 72°F (22°C))	A-Excellent
Oils:Rosin	A2-Excellent(Satisfactory to 120°F (48°C))	B2-Good
Dimethyl Formamide	A-Excellent	A-Excellent
Phosphoric Acid (>40%)	A2-Excellent(Satisfactory to 120°F (48°C))	B1-Good
Epsom Salts (Magnesium Sulfate)	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Ethyl Acetate	A1-Excellent (Satisfactory to 72°F (22°C))	A-Excellent
Ethylene Glycol	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Potassium Iodide	A2-Excellent(Satisfactory to 120°F (48°C))	B1-Good
Propylene Glycol	A2-Excellent(Satisfactory to 120°F (48°C))	B2-Good
Pyridine	A2-Excellent(Satisfactory to 120°F (48°C))	B1-Good
Resorcinol	A2-Excellent(Satisfactory to 120°F (48°C))	B2-Good
Rosins	A2-Excellent(Satisfactory to 120°F (48°C))	B1-Good
Ferric Chloride	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Ferric Nitrate	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Sodium Sulfite	A2-Excellent(Satisfactory to 120°F (48°C))	B1-Good
Ferric Sulfate	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Starch	A2-Excellent(Satisfactory to 120°F (48°C))	B-Good
Stearic Acid	A2-Excellent(Satisfactory to 120°F (48°C))	B1-Good
Ferrous Chloride	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Sulfuric Acid (cold concentrated)	A2-Excellent(Satisfactory to 120°F (48°C))	C-Fair
Ferrous Sulfate	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Fluoboric Acid	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Calgon	A-Excellent	N/A
Plating Solutions, Antimony Plating 130°F	A-Excellent	N/A
Fluosilicic Acid	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Acetic Acid 80%	A-Excellent	B-Good
Acetone	A-Excellent	B-Good
Alcohols:Benzyl	A-Excellent	D-Severe Effect
Freon 12	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Aluminum Chloride	A-Excellent	B2-Good
Aluminum Chloride 20%	A-Excellent	B2-Good
Aluminum Fluoride	A-Excellent	B-Good
Aluminum Hydroxide	A-Excellent	B-Good
Gallic Acid	A-Excellent	A-Excellent
Gasoline (high-aromatic)	A-Excellent	A-Excellent
Aluminum Sulfate	A-Excellent	B-Good
Gelatin	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))

Ammonia Nitrate	A-Excellent	B-Good
Ammonia, anhydrous	A-Excellent	B2-Good
Glucose	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Glycerin	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Ammonium Carbonate	A-Excellent	B2-Good
Ammonium Chloride	A-Excellent	B-Good
Ammonium Hydroxide	A-Excellent	B-Good
Ammonium Nitrate	A-Excellent	B-Good
Ammonium Oxalate	A-Excellent	B-Good
Glycolic Acid	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Hydrocyanic Acid	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Hydrofluoric Acid 20%	A2-Excellent(Satisfactory to 120°F (48°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Ammonium Phosphate, Tribasic	A-Excellent	C-Fair
Hydrofluoric Acid 50%	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Antimony Trichloride	A-Excellent	B2-Good
Arsenic Acid	A-Excellent	B2-Good
Barium Carbonate	A-Excellent	B2-Good
Hydrogen Gas	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Barium Nitrate	A-Excellent	B2-Good
Hydrogen Peroxide 10%	A-Excellent	A-Excellent
Calcium Bisulfide	A-Excellent	B1-Good
Hydrogen Sulfide (aqua)	A1-Excellent (Satisfactory to 72°F (22°C))	A-Excellent
Calcium Carbonate	A-Excellent	B1-Good
Calcium Oxide	A-Excellent	B1-Good
Calcium Sulfate	A-Excellent	B1-Good
Hydrogen Sulfide (dry)	A1-Excellent (Satisfactory to 72°F (22°C))	A-Excellent
Carbonic Acid	A-Excellent	B2-Good
Catsup	A-Excellent	N/A
Hydroquinone	A-Excellent	A-Excellent
Lead Acetate	A1-Excellent (Satisfactory to 72°F (22°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Lead Nitrate	A2-Excellent(Satisfactory to 120°F (48°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Lead Sulfamate	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Cider	A-Excellent	B-Good
Ligroin	A2-Excellent(Satisfactory to 120°F (48°C))	A-Excellent
Citric Oils	A-Excellent	N/A
Coffee	A-Excellent	N/A
Copper Chloride	A-Excellent	N/A
Copper Cyanide	A-Excellent	B2-Good
Copper Nitrate	A-Excellent	B2-Good
Lithium Chloride	A2-Excellent(Satisfactory to 120°F (48°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Lye: Ca(OH) ₂ Calcium Hydroxide	A2-Excellent(Satisfactory to 120°F (48°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Cream	A-Excellent	N/A
Lye: KOH Potassium Hydroxide	A-Excellent	A-Excellent
Lye: NaOH Sodium Hydroxide	A-Excellent	A-Excellent
Magnesium Chloride	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Ethanol	A-Excellent	B-Good
Magnesium Hydroxide	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Fatty Acids	A-Excellent	D-Severe Effect
Magnesium Nitrate	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Magnesium Sulfate (Epsom Salts)	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Mercurous Nitrate	A-Excellent	A-Excellent
Methanol (Methyl Alcohol)	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Methyl Alcohol 10%	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Methylamine	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Mustard	A-Excellent	A-Excellent

Formaldehyde 40%	A-Excellent	B1-Good
Freonr 11	A-Excellent	C-Fair
Fuel Oils	A-Excellent	B-Good
Natural Gas	A-Excellent	A-Excellent
Nickel Chloride	A-Excellent	A-Excellent
Nickel Nitrate	A2-Excellent(Satisfactory to 120°F (48°C))	A-Excellent
Nickel Sulfate	A-Excellent	A-Excellent
Oils:Citric	A-Excellent	A-Excellent
Oils:Coconut	A1-Excellent (Satisfactory to 72°F (22°C))	A-Excellent
Honey	A-Excellent	B-Good
Oils:Corn	A2-Excellent(Satisfactory to 120°F (48°C))	A-Excellent
Hydrocyanic Acid (Gas 10%)	A-Excellent	N/A
Hydrofluosilicic Acid 100%	A-Excellent	B1-Good
Hydrofluosilicic Acid 20%	A-Excellent	B2-Good
Oils:Cottonseed	A-Excellent	A-Excellent
Oils:Linseed	A-Excellent	A-Excellent
Oils:Olive	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Iodine	A-Excellent	B-Good
Oils:Soybean	A1-Excellent (Satisfactory to 72°F (22°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Oxalic Acid (cold)	A2-Excellent(Satisfactory to 120°F (48°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Magnesium Carbonate	A-Excellent	B-Good
Phosphoric Acid (S40%)	A2-Excellent(Satisfactory to 120°F (48°C))	A-Excellent
Photographic Developer	A-Excellent	A-Excellent
Photographic Solutions	A2-Excellent(Satisfactory to 120°F (48°C))	A-Excellent
Maleic Acid	A-Excellent	B2-Good
Melamine	A-Excellent	N/A
Potash (Potassium Carbonate)	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Methane	A-Excellent	N/A
Potassium Bicarbonate	A-Excellent	A-Excellent
Potassium Bromide	A-Excellent	A-Excellent
Potassium Chlorate	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Potassium Chloride	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Nitric Acid (5-10%)	A-Excellent	B-Good
Nitrous Acid	A-Excellent	N/A
Oils:Aniline	A-Excellent	N/A
Oils:Bone	A-Excellent	N/A
Oils:Castor	A-Excellent	N/A
Potassium Chromate	A-Excellent	A-Excellent
Potassium Cyanide Solutions	A-Excellent	A-Excellent
Potassium Dichromate	A-Excellent	A-Excellent
Oils:Mineral	A-Excellent	B1-Good
Potassium Ferricyanide	A2-Excellent(Satisfactory to 120°F (48°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Oils:Orange	A-Excellent	C1-Fair
Oils:Sesame Seed	A-Excellent	N/A
Phosphoric Acid Anhydride	A-Excellent	N/A
Phosphorus	A-Excellent	B-Good
Potassium Ferrocyanide	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Phthalic Acid	A-Excellent	B2-Good
Plating Solutions, Arsenic Plating 110°F	A-Excellent	N/A
Plating Solutions, Brass Plating: High-Speed Brass Bath 110°F	A-Excellent	B-Good
Plating Solutions, Brass Plating: Regular Brass Bath 100°F	A-Excellent	B-Good
Plating Solutions, Bronze Plating: Cu-Cd Bronze Bath R.T.	A-Excellent	N/A

Plating Solutions, Bronze Plating: Cu-Sn Bronze Bath 160°F	A-Excellent	N/A
Plating Solutions, Bronze Plating: Cu-Zn Bronze Bath 100°F	A-Excellent	N/A
Plating Solutions, Cadmium Plating: Cyanide Bath 90°F	A-Excellent	N/A
Plating Solutions, Cadmium Plating: Fluoborate Bath 100°F	A-Excellent	N/A
Plating Solutions, Chromium Plating: Barrel Chrome Bath 95°F	A-Excellent	N/A
Plating Solutions, Chromium Plating: Black Chrome Bath 115°F	A-Excellent	N/A
Plating Solutions, Chromium Plating: Chromic-Sulfuric Bath 130°F	A-Excellent	N/A
Plating Solutions, Chromium Plating: Fluoride Bath 130°F	A-Excellent	N/A
Plating Solutions, Copper Plating (Acid): Copper Fluoborate Bath 120°F	A-Excellent	N/A
Plating Solutions, Copper Plating (Acid): Copper Sulfate Bath R.T.	A-Excellent	N/A
Plating Solutions, Copper Plating (Cyanide): Copper Strike Bath 120°F	A-Excellent	N/A
Plating Solutions, Copper Plating (Cyanide): High-Speed Bath 180°F	A-Excellent	N/A
Plating Solutions, Copper Plating (Cyanide): Rochelle Salt Bath 150°F	A-Excellent	N/A
Plating Solutions, Copper Plating (Misc): Copper (Electroless)	A-Excellent	N/A
Plating Solutions, Copper Plating (Misc): Copper Pyrophosphate	A-Excellent	N/A
Plating Solutions, Gold Plating: Acid 75°F	A-Excellent	N/A
Plating Solutions, Gold Plating: Cyanide 150°F	A-Excellent	N/A
Plating Solutions, Gold Plating: Neutral 75°F	A-Excellent	N/A
Plating Solutions, Indium Sulfamate Plating R.T.	A-Excellent	N/A
Plating Solutions, Iron Plating: Ferrous Am Sulfate Bath 150°F	A-Excellent	N/A
Plating Solutions, Iron Plating: Ferrous Sulfate Bath 150°F	A-Excellent	N/A
Plating Solutions, Iron Plating: Fluoborate Bath 145°F	A-Excellent	N/A
Plating Solutions, Iron Plating: Sulfamate 140°F	A-Excellent	N/A
Plating Solutions, Iron Plating: Sulfate-Chloride Bath 160°F	A-Excellent	N/A
Plating Solutions, Lead Fluoborate Plating	A-Excellent	N/A
Plating Solutions, Nickel Plating: Fluoborate 100-170°F	A-Excellent	N/A
Plating Solutions, Nickel Plating: High-Chloride 130-160°F	A-Excellent	N/A
Plating Solutions, Nickel Plating: Sulfamate 100-140°F	A-Excellent	N/A
Plating Solutions, Nickel Plating: Watts Type 115-160°F	A-Excellent	N/A
Plating Solutions, Rhodium Plating 120°F	A-Excellent	N/A
Plating Solutions, Silver Plating 80-120°F	A-Excellent	N/A
Plating Solutions, Tin-Fluoborate Plating 100°F	A-Excellent	N/A
Plating Solutions, Tin-Lead Plating 100°F	A-Excellent	N/A
Plating Solutions, Zinc Plating: Acid Chloride 140°F	A-Excellent	N/A

Plating Solutions, Zinc Plating: Acid Fluoborate Bath R.T.	A-Excellent	N/A
Plating Solutions, Zinc Plating: Acid Sulfate Bath 150°F	A-Excellent	N/A
Plating Solutions, Zinc Plating: Alkaline Cyanide Bath R.T.	A-Excellent	N/A
Potassium Hydroxide (Caustic Potash)	A-Excellent	A-Excellent
Potassium Nitrate	A-Excellent	A-Excellent
Potassium Permanganate	A1-Excellent (Satisfactory to 72°F (22°C))	A-Excellent
Potassium Sulfate	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Potassium Sulfide	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Salt Brine (NaCl saturated)	A-Excellent	A-Excellent
Sea Water	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Shellac (Bleached)	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Shellac (Orange)	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Silver Nitrate	A1-Excellent (Satisfactory to 72°F (22°C))	A-Excellent
Sodium Acetate	A-Excellent	A-Excellent
Sodium Benzoate	A2-Excellent(Satisfactory to 120°F (48°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Sodium Bicarbonate	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Propane (liquefied)	A-Excellent	C1-Fair
Pyrogallic Acid	A-Excellent	N/A
Rum	A-Excellent	N/A
Rust Inhibitors	A-Excellent	N/A
Salad Dressings	A-Excellent	N/A
Sodium Bisulfate	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Sodium Bisulfite	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Sodium Borate (Borax)	A2-Excellent(Satisfactory to 120°F (48°C))	A2-Excellent(Satisfactory to 120°F (48°C))
Sodium Chloride	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Silicone	A-Excellent	N/A
Soap Solutions	A-Excellent	D-Severe Effect
Soda Ash (see Sodium Carbonate)	A-Excellent	B-Good
Sodium Cyanide	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Sodium Ferrocyanide	A-Excellent	A-Excellent
Sodium Fluoride	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Sodium Hydroxide (20%)	A-Excellent	A-Excellent
Sodium Carbonate	A-Excellent	B2-Good
Sodium Chlorate	A-Excellent	B2-Good
Sodium Hydroxide (50%)	A-Excellent	A-Excellent
Sodium Hypochlorite (<20%)	A-Excellent	A-Excellent
Sodium Metaphosphate	A1-Excellent (Satisfactory to 72°F (22°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Sodium Nitrate	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Sodium Perborate	A-Excellent	A1-Excellent (Satisfactory to 72°F (22°C))
Sodium Polyphosphate	A-Excellent	A-Excellent
Sodium Hydroxide (80%)	A-Excellent	B-Good
Sodium Silicate	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Sodium Metasilicate	A-Excellent	N/A
Sodium Sulfate	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Sodium Sulfide	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Sodium Thiosulfate (hypo)	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Stannic Chloride	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Sulfate (Liquors)	A-Excellent	A2-Excellent(Satisfactory to 120°F (48°C))
Sulfur Dioxide (dry)	A1-Excellent (Satisfactory to 72°F (22°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Sulfuric Acid (<10%)	A2-Excellent(Satisfactory to 120°F (48°C))	A1-Excellent (Satisfactory to 72°F (22°C))
Stannous Chloride	A-Excellent	B2-Good
Sugar (Liquids)	A-Excellent	N/A
Sulfuric Acid (10-75%)	A1-Excellent (Satisfactory to 72°F (22°C))	A1-Excellent (Satisfactory to 72°F (22°C))

Acetate Solvent	B1-Good	A-Excellent
Acetic Anhydride	B1-Good	B-Good
Alcohols:Amyl	B1-Good	B2-Good
Amyl Acetate	B1-Good	C1-Fair
Amyl Alcohol	B1-Good	B2-Good
Aqua Regia (80% HCl, 20% HNO3)	B1-Good	B1-Good
Asphalt	B1-Good	A1-Excellent (Satisfactory to 72°F (22°C))
Barium Sulfate	B1-Good	B2-Good
Benzoic Acid	B1-Good	A1-Excellent (Satisfactory to 72°F (22°C))
Butyl Amine	B1-Good	C1-Fair
Butylacetate	B1-Good	C1-Fair
Butyric Acid	B1-Good	D-Severe Effect
Diesel Fuel	B1-Good	C1-Fair
Ethyl Benzoate	B1-Good	C2-Fair
Hydrochloric Acid 100%	B1-Good	N/A
Hydrogen Peroxide 100%	B1-Good	C2-Fair
Hydrogen Peroxide 30%	B1-Good	C2-Fair
Hydrogen Peroxide 50%	B1-Good	C2-Fair
Isopropyl Acetate	B1-Good	B1-Good
Lard	B1-Good	A-Excellent
Linoleic Acid	B1-Good	A-Excellent
Methylene Chloride	B1-Good	D-Severe Effect
Oils:Turbine	B1-Good	C-Fair
Oleic Acid	B1-Good	C2-Fair
Palmitic Acid	B1-Good	N/A
Phenol (10%)	B1-Good	B-Good
Picric Acid	B1-Good	A-Excellent
Adipic Acid	B2-Good	A-Excellent
Alcohols:Diacetone	B2-Good	B1-Good
Amines	B2-Good	C1-Fair
Butyl Phthalate	B2-Good	C1-Fair
Hydrochloric Acid 20%	B2-Good	A2-Excellent(Satisfactory to 120°F (48°C))
Morpholine	B2-Good	N/A
Nitromethane	B2-Good	A-Excellent
Phosphoric Acid (crude)	B2-Good	B1-Good
Acetic Acid	B-Good	A2-Excellent(Satisfactory to 120°F (48°C))
Barium Hydroxide	B-Good	B2-Good
Barium Sulfide	B-Good	B2-Good
Benzol	B-Good	C1-Fair
Borax (Sodium Borate)	B-Good	A2-Excellent(Satisfactory to 120°F (48°C))
Carbolic Acid (Phenol)	B-Good	D-Severe Effect
Carbonated Water	B-Good	A-Excellent
Chromic Acid 50%	B-Good	A-Excellent
Freon 22 B-Good N/A	B-Good	N/A
Fruit Juice	B-Good	A-Excellent
Gasoline, leaded, ref.	B-Good	N/A
Hydrochloric Acid, Dry Gas	B-Good	A2-Excellent(Satisfactory to 120°F (48°C))
Isopropyl Ether	B-Good	B-Good
Lactic Acid	B-Good	A1-Excellent (Satisfactory to 72°F (22°C))
Mercuric Chloride (dilute)	B-Good	A-Excellent
Mercuric Cyanide	B-Good	A-Excellent
Mercury	B-Good	A-Excellent
Methyl Cellosolve	B-Good	N/A
Milk	B-Good	A-Excellent
Molasses	B-Good	A-Excellent

Monoethanolamine	B-Good	C-Fair
Naphtha	B-Good	A1-Excellent (Satisfactory to 72°F (22°C))
Naphthalene	B-Good	C-Fair
Nitric Acid (50%)	B-Good	B1-Good
Oils:Diesel Fuel (20, 30, 40, 50)	B-Good	C-Fair
Oils:Fuel (1, 2, 3, 5A, 5B, 6)	B-Good	B-Good
Oils:Pine	B-Good	D-Severe Effect
Oils:Transformer	B-Good	C1-Fair
Ozone	B-Good	C1-Fair
Phenol (Carbolic Acid)	B-Good	D-Severe Effect
Sodium Hypochlorite (100%)	B-Good	B2-Good
Sodium Peroxide	B-Good	A-Excellent
Benzyl Chloride	C1-Fair	N/A
Cane Juice	C1-Fair	N/A
Chloroacetic Acid	C1-Fair	D-Severe Effect
Chlorobenzene (Mono)	C1-Fair	C1-Fair
Chloroform	C1-Fair	C1-Fair
Dichlorobenzene	C1-Fair	N/A
Ethylene Chloride	C1-Fair	D-Severe Effect
Gasoline, unleaded	C1-Fair	N/A
Hydrobromic Acid 100%	C1-Fair	B1-Good
Hydrofluoric Acid 100%	C1-Fair	N/A
Hydrofluoric Acid 75%	C1-Fair	C1-Fair
Sulfur Chloride	C1-Fair	C1-Fair
Sulfuric Acid (75-100%)	C1-Fair	B1-Good
Heptane	C2-Fair	B1-Good
Plating Solutions, Iron Plating: Ferrous Chloride Bath 190°F	C-Fair	N/A
Butadiene	C-Fair	D-Severe Effect
Formaldehyde 100%	C-Fair	B-Good
Hydrazine	C-Fair	N/A
Hydrochloric Acid 37%	C-Fair	B2-Good
Ketones	C-Fair	C1-Fair
Methyl Bromide	C-Fair	C1-Fair
Nitrating Acid (<15% HNO3)	C-Fair	N/A
Nitrating Acid (>15% H2SO4)	C-Fair	N/A
Nitrating Acid (S1% Acid)	C-Fair	N/A
Nitrating Acid (S15% H2SO4)	C-Fair	N/A
Nitric Acid (Concentrated)	C-Fair	C1-Fair
Oils:Creosote	C-Fair	C-Fair
Oils:Silicone	C-Fair	C-Fair
Perchloric Acid	C-Fair	B-Good
Stoddard Solvent	C-Fair	C2-Fair
Sulfur Trioxide	C-Fair	N/A
Acetyl Chloride (dry)	D-Severe Effect	D-Severe Effect
Plating Solutions, Chromium Plating: Fluosilicate Bath 95°F	D-Severe Effect	N/A
Plating Solutions, Nickel Plating: Electroless 200°F	D-Severe Effect	N/A
Amyl Chloride	D-Severe Effect	D-Severe Effect
Aniline Hydrochloride	D-Severe Effect	D-Severe Effect
Arochlor 1248	D-Severe Effect	C1-Fair
Aromatic Hydrocarbons	D-Severe Effect	C-Fair
Barium Cyanide	D-Severe Effect	B-Good
Benzaldehyde	D-Severe Effect	A1-Excellent (Satisfactory to 72°F (22°C))
Benzene	D-Severe Effect	C1-Fair

Benzene Sulfonic Acid	D-Severe Effect	A1-Excellent (Satisfactory to 72°F (22°C))
Bromine	D-Severe Effect	D-Severe Effect
Butyl Ether	D-Severe Effect	N/A
Carbon Bisulfide	D-Severe Effect	N/A
Carbon Disulfide	D-Severe Effect	C1-Fair
Carbon Tetrachloride	D-Severe Effect	D-Severe Effect
Carbon Tetrachloride (dry)	D-Severe Effect	D-Severe Effect
Carbon Tetrachloride (wet)	D-Severe Effect	N/A
Chlorosulfonic Acid	D-Severe Effect	D-Severe Effect
Cloroxr (Bleach)	D-Severe Effect	N/A
Cresols	D-Severe Effect	C1-Fair
Cyclohexane	D-Severe Effect	B1-Good
Cyclohexanone	D-Severe Effect	D-Severe Effect
Dichloroethane	D-Severe Effect	C1-Fair
Dimethyl Aniline	D-Severe Effect	N/A
Diphenyl	D-Severe Effect	N/A
Diphenyl Oxide	D-Severe Effect	N/A
Ethane	D-Severe Effect	N/A
Ethanolamine	D-Severe Effect	N/A
Ether	D-Severe Effect	D-Severe Effect
Ethyl Chloride	D-Severe Effect	C1-Fair
Ethyl Ether	D-Severe Effect	D-Severe Effect
Ethylene Bromide	D-Severe Effect	D-Severe Effect
Ethylene Chlorohydrin	D-Severe Effect	D-Severe Effect
Ethylene Dichloride	D-Severe Effect	D-Severe Effect
Ethylene Oxide	D-Severe Effect	A-Excellent
Fluorine	D-Severe Effect	D-Severe Effect
Freon 113	D-Severe Effect	N/A
Freon TF	D-Severe Effect	N/A
Furan Resin	D-Severe Effect	D-Severe Effect
Furfural	D-Severe Effect	D-Severe Effect
Hexane	D-Severe Effect	D-Severe Effect
Hydraulic Oil (Petro)	D-Severe Effect	C-Fair
Hydraulic Oil (Synthetic)	D-Severe Effect	A-Excellent
Isotane	D-Severe Effect	N/A
Kerosene	D-Severe Effect	D-Severe Effect
Lacquer Thinners	D-Severe Effect	D-Severe Effect
Lacquers	D-Severe Effect	D-Severe Effect
Maleic Anhydride	D-Severe Effect	D-Severe Effect
Methyl Acetate	D-Severe Effect	B1-Good
Methyl Acrylate	D-Severe Effect	N/A
Methyl Butyl Ketone	D-Severe Effect	N/A
Methyl Chloride	D-Severe Effect	C1-Fair
Methyl Dichloride	D-Severe Effect	N/A
Methyl Ethyl Ketone	D-Severe Effect	D-Severe Effect
Methyl Isobutyl Ketone	D-Severe Effect	D-Severe Effect
Methyl Methacrylate	D-Severe Effect	N/A
Mineral Spirits	D-Severe Effect	D-Severe Effect
Nitrous Oxide	D-Severe Effect	C-Fair
Oils:Cinnamon	D-Severe Effect	D-Severe Effect
Oils:Hydraulic Oil (Petro)	D-Severe Effect	C-Fair
Oils:Hydraulic Oil (Synthetic)	D-Severe Effect	A-Excellent
Oils:Peanut	D-Severe Effect	A-Excellent
Oils:Rapeseed	D-Severe Effect	D-Severe Effect
Oleum 100%	D-Severe Effect	D-Severe Effect

Oleum 25%	D-Severe Effect	D-Severe Effect
Pentane	D-Severe Effect	D-Severe Effect
Perchloroethylene	D-Severe Effect	D-Severe Effect
Petrolatum	D-Severe Effect	B-Good
Petroleum	D-Severe Effect	D-Severe Effect
Phosphoric Acid (molten)	D-Severe Effect	N/A
Phthalic Anhydride	D-Severe Effect	N/A
Sulfur Trioxide (dry)	D-Severe Effect	C1-Fair
Acetyl Bromide	N/A	D-Severe Effect
Alcohols:Hexyl	N/A	A-Excellent
Alcohols:Octyl	N/A	A-Excellent
Ammonium Caseinate	N/A	N/A
Ammonium Thiosulfate	N/A	A-Excellent
Arsenic Salts	N/A	B-Good
Benzonitrile	N/A	N/A
Brewery Slop	N/A	N/A
Butter	N/A	N/A
Butylene	N/A	B1-Good
Calcium Bisulfate	N/A	N/A
Calcium Chlorate	N/A	N/A
Chloric Acid	N/A	N/A
Chlorinated Glue	N/A	N/A
Chromium Salts	N/A	B-Good
Copper Fluoborate	N/A	N/A
Cyanic Acid	N/A	N/A
Dyes	N/A	N/A
Ethyl Sulfate	N/A	N/A
Ethylene Diamine	N/A	A-Excellent
Glue, P.V.A.	N/A	A1-Excellent (Satisfactory to 72°F (22°C))
Gold Monocyanide	N/A	N/A
Grape Juice	N/A	B-Good
Grease	N/A	N/A
Hydroxyacetic Acid 70%	N/A	A-Excellent
Ink	N/A	N/A
Iodine (in alcohol)	N/A	B-Good
Iodoform	N/A	N/A
Lime	N/A	A-Excellent
Lithium Hydroxide	N/A	N/A
Magnesium Oxide	N/A	N/A
Manganese Sulfate	N/A	A1-Excellent (Satisfactory to 72°F (22°C))
Mash	N/A	A-Excellent
Mayonnaise	N/A	D-Severe Effect
Methyl Acetone	N/A	N/A
Methyl Ethyl Ketone Peroxide	N/A	N/A
Methyl Isopropyl Ketone	N/A	D-Severe Effect
Monochloroacetic acid	N/A	N/A
Nitrogen Fertilizer	N/A	N/A
Oils:Anise	N/A	N/A
Oils:Bay	N/A	N/A
Oils:Clove	N/A	N/A
Oils:Ginger	N/A	N/A
Oils:Lemon	N/A	N/A
Oils:Palm	N/A	A-Excellent
Oils:Peppermint	N/A	N/A
Oils:Sperm (whale)	N/A	N/A

Oils:Tanning	N/A	N/A
Phosphorus Trichloride	N/A	B-Good
Potassium Hypochlorite	N/A	C1-Fair
Potassium Oxalate	N/A	N/A
Propylene	N/A	N/A
Silver Bromide	N/A	A-Excellent
Sodium Aluminate	N/A	N/A
Sodium Bromide	N/A	A2-Excellent(Satisfactory to 120°F (48°C))
Sodium Chromate	N/A	N/A
Sodium Hydrosulfite	N/A	N/A
Sodium Hyposulfate	N/A	N/A
Sodium Tetraborate	N/A	A2-Excellent(Satisfactory to 120°F (48°C))
Sorghum	N/A	N/A
Soy Sauce	N/A	N/A
Stannic Fluoborate	N/A	N/A
Styrene	N/A	N/A
Sulfur Hexafluoride	N/A	B-Good



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

Important: No Liability is accepted for incorrect use of this product.

Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

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