

1 Excellent 2 Good 3 Fair 4 Not Recommended	NEXT PROTUBE
Chemicals	
Acetaldehyde	4
Acetamide, 67% in w	2
Acetate Solvents (general)	2
Acetic Acid, 10% in w	1
Acetic Acid, 50-60% in w	2
Acetic Acid, Glacial, 100%	2
Acetic Anhydride	1
Acetone	4
Acetonitrile	2
Acetyl Bromide	3
Acetyl Chloride	3
Acetylene Gas	1
Acrylonitrile	2
Adipic Acid, 100% in alc	2
Air	1
Alcohols General	1
Aliphatic Hydrocarbons	4
Allyl Alcohol	3
Alum, 5% in w	1
Aluminum Chloride, 53% in w	1
Aluminum Hydroxide, 2% in w	1
Aluminum Salts	1
Aluminum Sulfate, 50% in w	1
Amines	3
Ammonia Gas	1
Ammonia, Anhydrous Liquid	2
Ammonium Acetate, 45% in w	1
Ammonium Carbonate, 50% in w	1
Ammonium Hydroxide, 5-10% n w	1
Ammonium Hydroxide, 30% in w	1
Ammonium Persulfate, 30% in w	1
Ammonium Salts	1
Ammonium Sulfate, 30% in w	1
Amyl Acetate	2
Amyl Alcohol	4
Amyl Chloride	3
Aniline	3
Aniline Hydrochloride	3
Antimony Salts	1
Aqua Regia	4
Aromatic Hydrocarbons	4
Arsenic Acid, 20% in w	3

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Chemicals	
Arsenic Salts	1
ASTM Reference No. 1 Oil	3
ASTM Reference No. 2 Oil	4
ASTM Reference No. 3 Oil	4
Barium Carbonate, 1% in w	1
Barium Hydroxide, 5% in w	1
Beer	1
Benzaldehyde	4
Benzene	4
Benzenesulfonic Acid	4
Benzoic Acid	2
Benzyl Alcohol	1
Bleach Liquor, 22% in w	1
Borax, 6% in w	1
Boric Acid, 4% in w	1
Bromine, Anhydrous Liquid	4
Butadiene	1
Butane	1
Butyl Acetate	2
Butyl Alcohol	4
Butyric Acid	2
Calcium Carbonate, 25% in dilute acids	1
Calcium Chloride, 30% in w	1
Calcium Hydroxide, 10% in glycerol	1
Calcium Hypochlorite, 20% in w	1
Calcium Nitrate, 55% in w	1
Calcium Salts	1
Calcium Sulfate, 1% in w	1
Carbon Dioxide, Wet/Dry	1
Carbon Disulfide	4
Carbon Monoxide	1
Carbon Tetrachloride	4
Carbonic Acid	1
Castor Oil	3
Cellosolve	3
Cellosolve Acetate	3
Chlorine, Dry Gas	3
Chlorine, Wet Gas	4
Chloroacetic Acid, 20% in w	2
Chlorobenzene, Mono, Di, Tri	4
Chloroform	4

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Chemicals	
Chlorosulfonic Acid	4
Chromic Acid, 10-20% in w	1
Chromic Acid, 50% in w	3
Citric Acid, 10-20% in w	1
Coconut Oil	3
Corn Syrup	1
Cottonseed Oil	3
Cresol (m, o, or p)	4
Cresylic Acid	2
Cupric Chloride, 40% in w	1
Cupric Nitrate, 70% in w	1
Cupric Sulfate, 13% in w	1
Cyclohexane	4
Cyclohexanone	4
Detergent Solutions	2
Dibutyl Phthalate	1
Diesel Fuel	4
Diethylamine, 2.5% in w	1
Diethylene Glycol	1
Dimethylformamide	2
Dimethylsulfoxide (DMSO)	2
Dioctyl Phthalate	1
Dioxane	4
Ether	3
Ethyl Acetate	2
Ethyl Alcohol (Ethanol)	3
Ethyl Benzoate	4
Ethyl Chloride	3
Ethyl Ether	3
Ethylene Bromide	4
Ethylene Chlorohydrin	1
Ethylene Dichloride	3
Ethylene Glycol	1
Ethylene Oxide	1
Fatty Acids	3
Ferric Chloride, 43% in w	1
Ferric Nitrate, 60% in w	1
Ferric Sulfate, 5% in w	1
Ferrous Chloride, 40% in w	1
Ferrous Sulfate, 5% in w	1
Fluoboric Acid, 48% in w	4
Fluorine Gas	4

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Chemicals	
Fluosilicic Acid, 25% in w	1
Formaldehyde, 37% in w	4
Formic Acid, 25% in w	1
Formic Acid, 40-50% in w	2
Formic Acid, 98% in w	2
Freon 11	1
Freon 12	1
Freon 22	1
Fruit Juice	1
Fuel Oil	4
Furfural	4
Gallic Acid, 17% in acetone	2
Gasoline, Automotive	4
Gelatin	1
Glucose, 50% in w	1
Glycerol, (Glycerin)	1
Glycolic Acid, 70% in w	2
Heptane	4
Hexane	4
Hydrazine	3
Hydrobromic Acid, 20-50% in w	4
Hydrobromic Acid, 100% in w	4
Hydrochloric Acid, 10% in w	1
Hydrochloric Acid, 37% in w	2
Hydrocyanic Acid	1
Hydrofluoric Acid, 10% in w	4
Hydrofluoric Acid, 25% in w	4
Hydrofluoric Acid, 40-48% in w	4
Hydrogen Gas	1
Hydrogen Peroxide, 3% in w	1
Hydrogen Peroxide, 10% in w	1
Hydrogen Peroxide, 30% in w	1
Hydrogen Peroxide, 90% in w	2
Hydrogen Sulfide	1
Hydroquinone, 7% in w	2
Hypochlorous Acid, 25% in w	1
Iodine, 50 ppm in w	1
Isobutyl Alcohol	3
Isooctane	4
Isopropyl Acetate	2
Isopropyl Alcohol	3
Isopropyl Ether	3

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Chemicals	
Jet Fuel, JP8	4
Kerosene	4
Ketones	4
Lacquer Solvents	2
Lactic Acid, 3-10% in w	1
Lactic Acid, 85% in w	2
Lard, Animal Fat	3
Lead Acetate, 35% in w	1
Lead Salts	1
Lemon Oil	4
Limonene-D	4
Linoleic Acid	3
Linseed Oil	3
Lubricating Oils, Petroleum	4
Magnesium Carbonate, 1% in w	1
Magnesium Chloride, 35% in w	1
Magnesium Hydroxide, 10% in dil. acid	1
Magnesium Nitrate, 50% in w	1
Magnesium Sulfate, 25% in w	1
Maleic Acid, 30% in w	3
Malic Acid, 36% in w	1
Manganese Salts	1
Mercuric Chloride, 6% in w	1
Mercuric Cyanide, 8% in w	1
Mercury	1
Mercury Salts	1
Methane Gas	1
Methyl Acetate	2
Methyl Alcohol (Methanol)	3
Methyl Bromide	3
Methyl Chloride	3
Methyl Ethyl Ketone (MEK)	4
Methyl Isobutyl Ketone	4
Methyl Methacrylate	4
Methylene Chloride	3
Milk	1
Mineral Oil	4
Mineral Spirits	4
Molasses	1
Monoethanolamine	3
Motor Oil	4
Naphtha	4

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Chemicals	
Naphthalene	4
Natural Gas	1
Nickel Chloride, 40% in w	1
Nickel Nitrate, 75% in w	1
Nickel Salts	1
Nickel Sulfate, 25% in w	1
Nitric Acid, 10% in w	1
Nitric Acid, 35% in w	1
Nitric Acid, 68-71% in w	4
Nitrobenzene	4
Nitromethane	4
Nitrous Acid, 10% in w	1
Nitrous Oxide	1
Oils, Animal	3
Oils, Essential	4
Oils, Hydraulic (Phosphate Ester)	4
Oils, Hydrocarbon	4
Oils, Vegetable	3
Oleic Acid	3
Oleum, 25% in w	1
Ortho Dichlorobenzene	4
Oxalic Acid, 12% in w	2
Oxygen	1
Ozone, 300pphm	1
Palmitic Acid, 100% in ether	3
Paraffins	4
Perchloric Acid, 67% in w	1
Perchloroethylene	3
Phenol, 5-10% in w	1
Phenol, 91% in w	1
Phosphoric Acid, <10% in w	1
Phosphoric Acid, 25% in w	1
Phosphoric Acid, 85% in w	1
Phosphorous Trichloride Acid	2
Photographic Solutions	2
Phthalic Acid, 9% in alc	1
Picric Acid, 1% in w	4
Plating Solutions	1
Potassium Carbonate, 55% in w	1
Potassium Cyanide, 33% in w	1
Potassium Dichromate, 5% in w	1
Potassium Hydroxide, <10% in w	1

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Chemicals	
Potassium Hypochlorite, 70% in w	1
Potassium Iodide, 56% in w	1
Potassium Permanganate, 6% in w	1
Potassium Salts	1
Propane Gas	1
Propyl Alcohol (Propanol)	3
Propylene Glycol	1
Propylene Oxide	1
Pyridine	3
Salicylic Acid, 1% in w	1
Silicone Oils	3
Silver Nitrate, 55% in w	1
Skydrol 500A	4
Soap Solutions	2
Sodium Acetate, 55% in w	1
Sodium Benzoate, 22% in w	1
Sodium Bicarbonate, 7% in w	1
Sodium Carbonate, 7% in w	1
Sodium Chlorate, 45% in w	1
Sodium Chloride, 20% in w	1
Sodium Cyanide, 30% in w	1
Sodium Fluoride, 3% in w	1
Sodium Hydroxide, 10-15% in w	1
Sodium Hydroxide, 2-5% in w	1
Sodium Hydroxide, 30-40% in w	1
Sodium Hypochlorite, 12.2% in w	1
Sodium Hypochlorite, 5.5% in w	1
Sodium Nitrate, 3.5% in w	1
Sodium Salts	1
Sodium Sulfate, 5% in w	1
Sodium Sulfide, 45% in w	1
Sodium Sulfite, 10% in w	1
Stannic Chloride, 50% in w	1
Stannous Chloride, 45% in w	1
Stearic Acid, 5% in alc	3
Styrene Monomer	4
Sulfur Chloride	4
Sulfur Dioxide, Gas Dry	1
Sulfur Dioxide, Gas Wet	1
Sulfur Trioxide, Wet	2
Sulfuric Acid, 10% in w	1
Sulfuric Acid, 30% in w	1
Sulfuric Acid, 95-98% in w	4

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Chemicals	
Sulfurous Acid	1
Tannic Acid, 75% in w	2
Tartaric Acid, 56% in w	1
Tetrahydrofuran	4
Thionyl Chloride	2
Tin Salts	1
Titanium Salts	1
Toluene	4
Trichloroacetic Acid, 90% in w	2
Trichloroethane	3
Trichloroethylene	4
Trichloropropane	3
Tricresyl Phosphate	1
Triethanolamine	3
TrisodiXm Phosphate	1
Turpentine	4
Urea, 20% in w	1
Uric Acid	1
Vinegar	1
Vinyl Acetate	2
Water, Deionized	1
Water, Distilled	1
Xylene	4
Zinc Chloride, 80% in w	1
Zinc Salts	1