

PVDF (Kynar®) Chemical Compatibility Chart

Chemical	Rating
Acetaldehyde	D
Acetamide	C
Acetate Solvents	A
Acetic Acid	C
Acetic Acid, 10% aqueous	A
Acetic Acid, 20% aqueous	A
Acetic Acid, 50% aqueous	A
Acetic Acid, 80% aqueous	C
Acetic Acid, glacial, anhydrous	A
Acetic Anhydride, dilute	B
Acetic Anhydride	D
Acetoacetic Ester	D
Acetone, dilute	D
Acetone	D
Acetonitrile, dilute	A
Acetophenone, dilute	A
Acetophenone	C
Acetyl Salicylic Acid	A
Acetyl Chloride, dry	A
Acetyl Chloride	D
Acetylene	A
Acid Fumes	A
Acrylonitrile	B
Adipic Acid	A
Alcohols, Allyl	A
Alcohols: Amyl	A
Alcohols: Benzyl	A
Alcohols: Butyl	A
Alcohols: Diacetone	A
Alcohols: Ethyl	A
Alcohols: Furfuryl, aqueous	A
Alcohols: Isobutyl	A
Alcohols: Isopropyl	A
Alcohols: Methyl	B
Alcohols: Propyl (1-Propanol)	A
Aliphatic Esters	A

Chemical	Rating
Alum, aqueous	A
Allyl Alcohol	A
Allyl Chloride	A
Alum, aqueous	A
Aluminum Acetate	A
Aluminum Chloride, 20% aqueous	A
Aluminum Chloride, aqueous	A
Aluminum Fluoride, aqueous	A
Aluminum Hydroxide	A
Aluminum Nitrate, aqueous	A
Aluminum Potassium Sulfate, 10%	B
Aluminum Sulfate, 10% aqueous	A
Aluminum Sulfate, aqueous	A
Aminoacetic Acid (glycine)	A
Ammonia, 10%	A
Ammonia Nitrate	A
Ammonia, anhydrous	A
Ammonia, aqueous	A
Ammonia, gas	A
Ammonia, liquid dilute	A
Ammonia, liquid	D
Ammonium Acetate	A
Ammonium Bifluoride	A
Ammonium Carbonate	A
Ammonium Chloride, 10% aqueous	A
Ammonium Chloride, aqueous	A
Ammonium Fluoride, aqueous	A
Ammonium Hydroxide, aqueous	A
Ammonium Nitrate, 10%	A
Ammonium Nitrate	A
Ammonium Persulfate, aqueous	A
Ammonium Phosphate, dibasic	A
Ammonium Sulfate	A
Ammonium Sulfide	A
Amyl Acetate	A
Amyl Alcohol	A

Key to General Chemical Resistance – All data is based on ambient or room temperature conditions, about 64°F (18°C) to 73°F (23°C)
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Chemical	Rating
Amyl Chloride	A
Aniline, dilute	A
Aniline, pure	A
Aniline Hydrochloride, aqueous	A
Aniline Oil	A
Animal Oils	A
Anone (cyclohexanone)	D
Antimony Chloride, aqueous	A
Antimony Trichloride	A
Aqua Regia (80% HCl, 20% HNO ₃)	A
Argon Gas, pure	A
Aromatic Solvents	A
Arsenic Acid, aqueous	A
Ascorbic Acid	A
Asphalt	A
Baking Soda, aqueous	A
Barium Carbonate	A
Barium Chloride, aqueous	A
Barium Hydroxide	A
Barium Sulfate	A
Barium Sulfide	A
Battery Acid (sulfuric acid, 20%)	A
Bay Oil	A
Beer	A
Beet Sugar Liquids	A
Benzaldehyde, aqueous	A
Benzalkonium Chloride, dilute	B
Benzene	A
Benzene, pure	C
Benzene Sulfonic Acid, aqueous	A
Benzoic Acid	A
Benzol	A
Benzyl Alcohol	A
Benzyl Chloride	A
Benzyl Ether	A
Benzylamine, aqueous dilute	A

Chemical	Rating
Biodiesel (fatty acid methyl ester)	A
Bisulfite	A
Bleach	A
Bone Oil	A
Borax (sodium borate)	A
Boric Acid, 10%	A
Boric Acid	A
Boron Hydrofluoric Acid	A
Brine (cooling brine)	A
Brines, saturated	A
Bromine Gas	A
Bromine Liquid, tech	A
Bromine Water, saturated aqueous	A
Butadiene	A
Butane Gas	A
Butanediol, 10% aqueous	A
Butanol (butyl alcohol)	A
Butyl Acetate, dilute	A
Butyl Acetate, pure	A
Butyl Alcohol	A
Butyl Amine, aqueous dilute	A
Butyl Ether, dilute	A
Butyl Phthalate	B
Butylene	A
Butyric Acid	A
Butyric Acid, 20%	A
Calcium Bisulfide	A
Calcium Bisulfite, aqueous	A
Calcium Bromide, 38%	A
Calcium Carbonate (chalk) CaCO ₃	A
Calcium Chlorate, aqueous	A
Calcium Chloride, 10% aqueous	A
Calcium Chloride, aqueous	A
Calcium Hydroxide (lye), 10% aqueous	A
Calcium Hydroxide (lye)	B
Calcium Hypochlorite, aqueous	A

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Calcium Nitrate, aqueous	A
Calcium Oxide (unslaked lime) CaO	A
Calcium Sulfate, 10%	A
Calcium Sulfate	A
Calcium Sulfide	A
Cane Juice	A
Car Antifreeze	A
Carbolic Acid (phenol)	A
Carbon Dioxide, dry	A
Carbon Dioxide, wet	A
Carbon Disulfide	B
Carbon Monoxide Gas	B
Carbon Tetrachloride	A
Carbon Tetrachloride, dry	A
Carbon Tetrachloride, wet	A
Carbonated Water (carbonic acid)	A
Carbonic Acid (carbonated water)	A
Carbonyl Chloride Gas (phosgene)	A
Castor Oil	A
Caustic Potash, aqueous	B
Caustic Soda (sodium hydroxide)	A
Cellosolve (glycol ethyl ether)	A
Cellulose Acetate	D
Chloral Hydrate	D
Chlorates of Na, K, Ba	A
Chloric Acid, aqueous	A
Chlorides of Na, K, Ba	A
Chlorinated Lime, aqueous	A
Chlorine Gas, dry 10%	A
Chlorine Gas, dry	A
Chlorine Gas, wet	B
Chlorine Dioxide, 8% aqueous solution	A
Chlorine Water (5-10 ppm)	B
Chlorine, anhydrous liquid	A
Chlorine Bleaching Lye	B
Chloroacetic Acid, aqueous	A

<i>Chemical</i>	<i>Rating</i>
Chlorobenzene (mono)	A
Chloroethanol (ethylene chlorohydrin)	A
Chlorofluorocarbons	C
Chloroform (trichloromethane)	A
Chloromethane (methyl chloride)	D
Chlorosulfonic Acid	D
Chrome Alum, aqueous	A
Chromic Acid, 5% aqueous	A
Chromic Acid, 10% aqueous	A
Chromic Acid, 30% aqueous	A
Chromic Acid, 50% aqueous	A
Chromic Acid, 80%	B
Cider	A
Citric Acid, 10% aqueous	A
Citric Acid, aqueous	A
Citrus Oil or Terpene (d-Limonene)	A
Clorox® Bleach	A
Coal Gas	B
Coconut Oil	A
Colophonium (tall oil)	A
Cooling Brine	A
Copper Acetate, aqueous	A
Copper Chloride, aqueous	A
Copper Cyanide	A
Copper Nitrate, aqueous	A
Copper Salts (most)	A
Copper Sulfate, 5% aqueous	A
Copper Sulfate, >5% aqueous	A
Cottonseed Oil	A
Cresols, aqueous	B
Cresylic Acid	B
Cresylic Acids, 50%	B
Crotonaldehyde	A
Cyclohexane	A
Cyclohexanol	A
Cyclohexanone (anone)	D

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Chemical	Rating
Detergents	A
Detergents, synthetic	A
Dextrin, aqueous	A
Dextrose (glucose)	A
Dextrose (glucose), aqueous	A
Diacetone Alcohol	D
Dibenzyl Ether	A
Dibutyl Phthalate	D
Dibutyl Sebacate	D
Dibutylamine, aqueous	A
Dichlorobenzene	A
Dichloroethane (ethylene chloride)	A
Dichloromethane (methylene chloride)	D
2,2-Dichloropropionic Acid	A
Diesel Fuel (20, 30, 40, 50)	A
Diesel Oil	A
Diethanolamine, aqueous dilute	A
Diethyl Ether (ether)	B
Diethyl Malonate	D
Diethylamine, aqueous	D
Diethylene Glycol	A
Diethylenetriamine, aqueous	A
Diglycolic Acid	A
Diisobutyl Ketone, dilute	A
Diisopropyl Ketone, dilute	A
Dimethyl Acetamide	D
Dimethyl Aniline	A
Dimethyl Formamide	D
Dimethyl Phthalate, dilute	A
Dimethyl Sulfate	A
Dimethyl Sulfoxide, dilute	A
Dimethyl Sulfoxide, pure	D
Dimethylamine, aqueous	A
Dimethylamine, pure	D
Dimethylaniline	A
Dimethylformamide (DMF), pure	D

Chemical	Rating
Dinitrogen Monoxide (nitrous oxide)	B
Diocetyl Phthalate	A
Diocetyl Phthalate, pure	C
Dioxane, pure	D
Diphenyl Oxide	B
Dipropylene Glycol Methyl Ether, dilute	A
Disodium Phosphate	A
Divinyl Benzene	A
Edible Oils	A
Emulsifiers, concentrated	A
Engine Oils	A
Epichlorohydrin, dilute	A
Epsom Salts, aqueous	A
Essential Oils	A
Esters	B
Ethane, dilute	A
Ethane, pure	D
Ethanedioic Acid (oxalic acid), aqueous	A
Ethanol (ethyl alcohol)	A
Ethanolamine, aqueous	C
Ethanolamine, pure	C
Ethenylbenzene (styrene)	A
Ether (diethyl ether)	B
Ethyl Acetate	D
Ethyl Acetoacetate	A
Ethyl Acrylate	B
Ethyl Alcohol (ethanol)	A
Ethyl Benzoate	D
Ethyl Chloride	A
Ethyl Chloroacetate	A
Ethyl Chloroformate	A
Ethyl Cyanoacetate	A
Ethyl Ether	A
Ethyl Formate	A
Ethylbenzene	A
Ethylene	A

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Ethylene Bromide	A
Ethylene Chloride (dichloroethane)	A
Ethylene Chlorohydrin, aqueous	A
Ethylene Diamine	B
Ethylene Dichloride	A
Ethylene Glycol, aqueous	A
Ethylene Glycol, pure	A
Ethylene Oxide Gas (EtO), dry 3%	A
Ethylene Oxide Gas	A
Exhaust Fumes (with hydrogen fluoride)	A
Exhaust Fumes (with carbon dioxide)	A
Exhaust Fumes (with carbon monoxide)	A
Exhaust Fumes (with nitrous gases)	A
Exhaust Fumes (with hydrochloric acid)	A
Exhaust Fumes (with sulfur dioxide, dry)	A
Exhaust Fumes (with sulfur trioxide, dry)	A
Exhaust Fumes (with sulfuric acid, wet)	A
Fatty Acid Methyl Ester (biodiesel)	A
Fatty Acid Sulfates, aqueous	A
Fatty Acids (greases)	A
Fatty Acids, >C6	A
Ferric Chloride, 10%	A
Ferric Chloride, aqueous	A
Ferric Nitrate, aqueous	A
Ferric Sulfate	A
Ferrous Chloride, chloride	A
Ferrous Sulfate	A
Fluoboric Acid	A
Fluorinated Refrigerants	A
Fluorine	A
Fluorine Gas, dry pure	D
Fluorine Gas, wet pure	C
Fluoroboric Acid	A
Fluosilicic Acid, 20%	A
Fluosilicic Acid, 100%	A
Food Fats and Oils	A

Chemical	Rating
Formaldehyde, 40%	A
Formaldehyde, 100%	A
Formaldehyde Solution, aqueous	A
Formalin	A
Formic Acid, 10% aqueous	A
Formic Acid, aqueous	B
Formic Acid, pure	C
Freon 11	A
Freon 12	A
Freon 22	A
Freon 113	B
Freon TF	B
Fruit Juices	A
Fuel Oils (1, 2, 3, 5A, 5B, 6)	B
Fuming Sulfuric Acid, pure	D
Furan, dilute	A
Furan Resin	D
Furfural (ant oil) C5H4O2	B
Furfuryl Alcohol, aqueous	A
Gallic Acid, 5%	A
Gallic Acid	A
Gasoline, high-aromatic	A
Gasoline, leaded	A
Gasoline, unleaded	A
Gelatin, aqueous	A
Ginger Oil	A
Glucose (dextrose)	A
Glue, PVA (polyvinyl acetate)	A
Glycerin, aqueous	A
Glycine (aminoacetic acid), aqueous	A
Glycolic Acid	B
Glycol Ethyl Ether (cellosolve)	A
Glycols	A
Gold Monocyanide	A
Grape Juice	A
Grape Vinegar, 5%	A

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Chemical	Rating
Grease	A
Greases (fatty oils)	A
Grid Gas	B
Helium, pure	A
Heptane	A
Hexachloro-1,3-butadiene	A
Hexamethylenediamine, dilute	A
Hexamethylphosphotriamide, dilute	A
Hexamine	C
Hexane	A
Honey	A
Hydraulic Oil, petroleum	A
Hydraulic Oil, synthetic	A
Hydrazine (diamine), aqueous	A
Hydrazine Dihydrochloride, aqueous	A
Hydrazine Hydrate, aqueous	C
Hydrobromic Acid, 20%	A
Hydrobromic Acid, 50%	A
Hydrobromic Acid, 100%	A
Hydrochloric Acid, 10%	A
Hydrochloric Acid, 20%	A
Hydrochloric Acid, 37%	A
Hydrochloric Acid, 100%	A
Hydrochloric Acid, concentrated	A
Hydrochloric Acid, dry gas	A
Hydrocyanic Acid, aqueous	A
Hydrofluoric Acid, 20%	A
Hydrofluoric Acid, 40%	A
Hydrofluoric Acid, 50%	A
Hydrofluoric Acid, 75%	A
Hydrofluoric Acid, 100%	A
Hydrofluosilicic Acid, 20%	A
Hydrofluosilicic Acid, 100%	A
Hydrogen Chloride Gas, pure	B
Hydrogen Gas, pure	A
Hydrogen Peroxide, 10%	A

Chemical	Rating
Hydrogen Peroxide, 30%	A
Hydrogen Peroxide, 50%	A
Hydrogen Peroxide, 90%	A
Hydrogen Peroxide, 100%	A
Hydrogen Sulfide, aqueous	A
Hydrogen Sulfide Gas, dry	A
Hydroquinone, aqueous	A
Hydroxyacetic Acid, 70%	A
Hydroxybenzene (phenol)	A
Hypochlorites	A
Hypochlorites (Na 12-14%)	A
Hypochlorous Acid, aqueous	A
Illuminating Gas	B
Inert Gases, pure	A
Ink	A
Iodine	A
Iodine, in alcohol	A
Iodine Tincture	A
Iodoform	C
Iron Sulfate, aqueous	A
Isobutanol	A
Isobutyl Acetate	C
Isooctane	A
Isopropanol	A
Isopropyl Acetate	D
Isopropyl Chloride	A
Isopropyl Ether	D
Isopropylbenzene	A
Isotane	A
Jet Fuel (JP3, JP4, JP5)	B
Kerosene	A
Ketones	D
Lacquers	D
Lactic Acid, aqueous	B
Lard (animal fats)	A
Latex	A

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Laughing Gas (nitrous oxide)	B
Laundry Detergent	A
Lead Acetate, aqueous	A
Lead Nitrate, aqueous	A
Lead Sulfamate	A
Lemon Oil	A
Light Petroleum (petroleum spirits)	A
Ligroin	A
Lime (CaO)	A
Lime Water, aqueous	B
Linoleic Acid	A
Linseed Oil	A
Lithium Chloride, aqueous	A
Lubricants	A
Lubricating Oils, with aromatic additives	A
Lye (Ca(OH) ₂ , calcium hydroxide)	A
Lye (KOH, potassium hydroxide)	A
Lye (NaOH, sodium hydroxide)	D
Lysol	B
Machine Oils	A
Magnesium Carbonate	A
Magnesium Chloride, 10%	A
Magnesium Chloride, aqueous	A
Magnesium Hydroxide, 10% aqueous	A
Magnesium Hydroxide, aqueous	A
Magnesium Nitrate, aqueous	A
Magnesium Sulfate, aqueous	A
Maleic Acid, aqueous	A
Maleic Anhydride	A
Malic Acid (apple acid), aqueous	A
Manganese Sulfate, aqueous	A
Marsh Gas (methane)	B
Mash, fermented	A
Mayonnaise	A
Meat Juices	A
Mercaptane	C

Chemical	Rating
Mercuric Chloride, dilute aqueous	A
Mercuric Cyanide	A
Mercurous Nitrate, aqueous	A
Mercury	A
Mercury Salts, aqueous	A
Methacrylic Acid	A
Methane Gas	B
Methanoic Acid, 10% aqueous	A
Methanoic Acid, aqueous	A
Methanol (methyl alcohol)	B
Methyl Acetate	B
Methyl Acetone (mixture)	D
Methyl Acrylate	B
Methyl Alcohol, 10%	A
Methyl Bromide	A
Methyl Butyl Ketone	D
Methyl Cellosolve	A
Methyl Chloride (chloromethane)	D
Methyl Chloroacetate	A
Methyl Chloromethyl Ether	A
Methyl Dichloride	D
Methyl Ethyl Ketone (MEK, butanone)	D
Methyl Isobutyl Ketone	D
Methyl Isopropyl Ketone	A
Methyl Methacrylate	B
Methylamine, dilute	C
Methylene Chloride	D
Milk	A
Milk Products	A
Mine Gas (methane)	B
Mineral Oil	A
Mineral Water	A
Moist Air	A
Molasses	B
Molasses Based Flavoring	A
Monochloroacetic Acid	B

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Monoethanol Amine	C
Morpholine, aqueous	B
Motor Oil	B
Mustard	A
Naphtha	A
Naphthalene	A
Natural Gas (methane)	B
Nickel Chloride, aqueous	A
Nickel Nitrate, aqueous	A
Nickel Salts	A
Nickel Sulfate, aqueous	A
Nicotine	A
Nitrates of Na, K and NH3	A
Nitric Acid, 5-10%	A
Nitric Acid, 20%	A
Nitric Acid, 50%	A
Nitric Acid, concentrated	A
Nitric Acid, fuming dilute	A
Nitrite (Na)	A
Nitrobenzene	A
Nitrobenzene, pure	C
Nitroethane	A
Nitrogen Gas, pure	A
Nitrogen Oxides (nitrous fumes)	C
Nitromethane	A
Nitrotoluenes, pure	B
Nitrous Acid	B
Nitrous Fumes (nitrogen oxides)	C
Nitrous Oxide (dinitrogen monoxide)	B
Oils: Aniline	A
Oils: Animal	A
Oils: Bay	A
Oils: Bone	A
Oils: Castor	A
Oils: Citric	A
Oils: Coconut	A

<i>Chemical</i>	<i>Rating</i>
Oils: Cod Liver	A
Oils: Corn	A
Oils: Cottonseed	A
Oils: Crude Oil	A
Oils: Diesel Fuel (20, 30, 40, 50)	A
Oils: Edible	A
Oils: Engine	A
Oils: Essential	A
Oils: Fuel (1, 2, 3, 5A, 5B, 6)	B
Oils: Ginger	A
Oils: Hydraulic Oil, petroleum	A
Oils: Hydraulic Oil, synthetic	A
Oils: Lemon	A
Oils: Linseed	A
Oils: Lubricating, with aromatic additives	A
Oils: Machine	A
Oils: Mineral	A
Oils: Olive	A
Oils: Orange	A
Oils: Palm	A
Oils: Paraffin	A
Oils: Peanut	A
Oils: Peppermint	A
Oils: Pine	A
Oils: Rapeseed	A
Oils: Rosin	A
Oils: Sesame Seed	A
Oils: Silicone	A
Oils: Soybean	A
Oils: Spindle	A
Oils: Tanning	A
Oils: Transformer	A
Oils: Turbine	A
Oils: Turpentine	A
Oils: Vegetable	A
Oleic Acid	A

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Oleum, 25%	C
Oleum, pure	D
Olive Oil	A
Orange Oil	A
Oxalic Acid, cold 10%	B
Oxalic Acid, cold	B
Oxygen Gas, pure	D
Ozone Gas	A
Ozone Gas, dry	A
Ozone Gas, wet	A
Palm Oil	A
Palmitic Acid	A
Paraffin	A
Paraffin Oil	A
Paraffin Wax	A
Peanut Oil	A
Pentane (amyl hydride) C ₅ H ₁₂	A
Peppermint Oil	A
Peracetic Acid (peroxyacetic acid)	A
Peracetic Acid, 6% aqueous	B
Perchloric Acid	A
Perchloroethylene, pure	B
Peroxyacetic Acid (peracetic acid)	A
Peroxyacetic Acid, 6% aqueous	B
Petrolatum	A
Petroleum	A
Petroleum Spirits	A
Phenol, 10% (carbolic acid)	A
Phenol (carbolic acid)	A
Phenyl Ether	A
Phenylethene (styrene)	A
Phenylhydrazine	A
Phenylhydrazine Hydrochloride, aqueous	A
Phosgene Gas (carbonyl chloride)	A
Phosphoric Acid, 20%	B
Phosphoric Acid, >40%	B

Chemical	Rating
Phosphoric Acid, crude	A
Phosphoric Acid, S40%	B
Phosphoric Acid Anhydride	D
Phosphorus, red	A
Phosphorous Chlorides	B
Phosphorous Oxychloride, dilute	A
Phosphorous Pentoxide	A
Phosphorus Trichloride	A
Photographic Developers	B
Photographic Emulsions	B
Photographic Fixing Baths	B
Photographic Solutions	B
Phthalic Acid	A
Phthalic Anhydride	A
Picric Acid (trinitrophenol)	A
Pine Oil	A
Pinene (turpentine oil), pure	A
Potash (potassium carbonate), aqueous	B
Potassium Aluminum Sulfate, aqueous	A
Potassium Bicarbonate, aqueous	B
Potassium Bromate, aqueous	A
Potassium Bromide, aqueous	A
Potassium Carbonate (potash), aqueous	B
Potassium Chlorate, aqueous	B
Potassium Chloride, up to 30% aqueous	A
Potassium Chromate, aqueous	B
Potassium Cyanide Solutions, aqueous	A
Potassium Dichromate, aqueous	A
Potassium Ferricyanide, aqueous	A
Potassium Ferrocyanide, aqueous	A
Potassium Hydroxide, aqueous	B
Potassium Hypochlorite, aqueous	A
Potassium Iodide, aqueous	A
Potassium Manganate	A
Potassium Nitrate, 10% aqueous	A
Potassium Nitrite, aqueous	A

Key to General Chemical Resistance – All data is based on ambient or room temperature conditions, about 64°F (18°C) to 73°F (23°C)
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PVDF (Kynar®) Chemical Compatibility Chart

ver 06-Feb-2018

Chemical	Rating
Potassium Permanganate, aqueous	A
Potassium Persulfate, aqueous	C
Potassium Phosphate, aqueous	B
Potassium Sulfate, aqueous	A
Potassium Sulfide, aqueous	A
Propane, gas	A
Propane, liquefied	A
Propanol, pure	A
Propyl Acetate	A
Propyl Alcohol, aqueous	A
Propylamine, dilute	A
Propylene (propene, methyl ethylene)	A
Propylene Glycol, aqueous	A
Propylene Glycol, pure	A
Propylene Oxide, dilute	A
Pyridine (C ₅ H ₅ N), dilute	D
Pyrogallic Acid	A
Pyrogallol, aqueous	A
Rapeseed Oil	A
Red Prussiate of Potash, aqueous	A
Rosin Oil	A
Salicylaldehyde	A
Salicylic Acid	A
Salt Brine (NaCl saturated)	A
Salt Cake (sodium sulfate), aqueous	A
Sea Water	A
Silicic Acid	A
Silicone	A
Silicone Fluids	A
Silicone Oil	A
Silver Nitrate, aqueous	A
Soap Solutions, aqueous	A
Soda (sodium carbonate), aqueous	B
Soda Ash (sodium carbonate)	A
Soda Lye (sodium hydroxide), aqueous	A
Sodium Acetate, aqueous	A

Chemical	Rating
Sodium Benzoate, aqueous	A
Sodium Bicarbonate, aqueous	A
Sodium Bisulfate, 10% aqueous	A
Sodium Bisulfate, aqueous	A
Sodium Bisulfite, aqueous	A
Sodium Borate (Borax)	A
Sodium Bromide, aqueous	A
Sodium Carbonate, aqueous	B
Sodium Chlorate, aqueous	A
Sodium Chloride, aqueous	A
Sodium Chlorite, aqueous	A
Sodium Chromate, aqueous	A
Sodium Cyanide, aqueous	A
Sodium Dithionite, aqueous	A
Sodium Ferrocyanide, aqueous	A
Sodium Fluoride, aqueous	A
Sodium Hydrogen Carbonate, aqueous	A
Sodium Hydrogen Sulfate, aqueous	A
Sodium Hydrogen Sulfide, aqueous	A
Sodium Hydroxide, 20% aqueous	A
Sodium Hydroxide, 50% aqueous	C
Sodium Hydroxide, 80% aqueous	C
Sodium Hypochlorite, <20%, aqueous	B
Sodium Iodide, aqueous	B
Sodium Metaphosphate	A
Sodium Nitrate, aqueous	A
Sodium Nitrite, aqueous	B
Sodium Perborate, aqueous	B
Sodium Persulfate, aqueous	B
Sodium Peroxydisulfate, aqueous	B
Sodium Peroxide	A
Sodium Phosphate, aqueous	B
Sodium Polyphosphate	A
Sodium Propionate, aqueous	B
Sodium Silicate (water glass), aqueous	A
Sodium Sulfate (thenardite), aqueous	A

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<i>Chemical</i>	<i>Rating</i>
Sodium Sulfide, aqueous	B
Sodium Sulfite, aqueous	A
Sodium Thiosulfate, aqueous	A
Soluble Glass (sodium silicate), aqueous	A
Soybean Oil	A
Spindle Oils	A
Stannic Chloride	A
Stannous Chloride	A
Starch	A
Starch Solution, aqueous	A
Stearic Acid, pure	A
Stoddard's Solvent	A
Styrene (vinylbenzene), pure	A
Succinic Acid, aqueous	B
Sugar, Syrups and Jams	A
Sugar Solutions	A
Sulfamic Acid	A
Sulfate Liquors	A
Sulfite Liquors	A
Sulfites	A
Sulfonic Acids	A
Sulfur	A
Sulfur Chloride, pure	A
Sulfur Dichloride	A
Sulfur Dioxide, liquid pure	A
Sulfur Dioxide Gas, dry	A
Sulfur Dioxide Gas, wet	A
Sulfur Dioxide, 96%	A
Sulfur Hexafluoride, pure	B
Sulfur Trioxide	D
Sulfur Trioxide, dry	C
Sulfuric Acid, <10%	A
Sulfuric Acid, 10-75%	A
Sulfuric Acid, 75-100%	A
Sulfuric Acid, cold concentrated	A
Sulfuric Acid, fuming	D

<i>Chemical</i>	<i>Rating</i>
Sulfurous Acid, 10%	A
Sulfur Chlorides	D
Sulfuryl Chloride, dilute	A
Table Salt (sodium chloride), aqueous	A
Tall Oil (colophonium)	A
Tallow	A
Tannic Acid, 10% aqueous	B
Tanning Oil	A
Tartaric Acid, aqueous	B
Tetrachloroethane	A
Tetrachloroethylene, pure	B
Tetraethyl Lead, pure	B
Thenardite (sodium sulfate), aqueous	A
Trichlorethylene	A
Tetrahydrofuran, aqueous	B
Thioglycol	A
Thionyl Chloride, dilute	A
Thiophosphoryl Chloride, dilute	A
Tin Chlorides, aqueous	A
Tin Salts, aqueous	A
Toluene (toluol)	A
Toluenesulfonyl Chloride	A
Tomato Juice	A
Town Gas	B
Transformer Oil	A
Tributyl Phosphate, dilute	A
Tributyl Phosphate, pure	D
Trichloroacetic Acid, aqueous	B
Trichloroethane	A
Trichloroethylene	B
Trichloromethane (chloroform)	A
Tricresyl Phosphate, dilute	D
Triethanolamine, aqueous	A
Triethylamine	A
Trifluoroacetic Acid	A
Trimethylamine, aqueous	A

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<i>Chemical</i>	<i>Rating</i>
Trinitrophenol (picric acid)	A
Trisodium Phosphate	A
Turpentine (COH16)	A
Turpentine Oil (pinene)	A
Turpentine Substitute (white spirit)	A
Urea, 30% aqueous	A
Urine	A
Varnish	A
Vegetable Oils	A
Vinegar	B
Vinegar, grape, 5%	A
Vinyl Acetate	B
Vinyl Chloride	B
Vinylbenzene (styrene), pure	A
Water, acid mine	A
Water, deionized	A
Water, distilled	A
Water, fresh	A

<i>Chemical</i>	<i>Rating</i>
Water, hard	A
Water, mineral	A
Water, salt	A
Water, soft	A
Water Glass (sodium silicate), aqueous	A
Water Vapor	A
Wetting Agents, <5%	A
Whiskeys (dependent on ingredients)	A
White Liquor, pulp mill	A
White Spirit	A
Wines	A
Xenon Gas, pure	A
Xylene (xylol, dimethylbenzene)	B
Yeast, aqueous	A
Yellow Prussiate of Potash	A
Zinc Chloride, 10%	A
Zinc Sulfate, 10%	A

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