Chemical Compatibility Reference Chart

Aluminum

Aluminum Chemical Compatibility Chart: Check the chemical compatibility of Aluminum with various chemicals, solvents, alcohols and other products.

Chemical	Compatibility
Acetaldehyde	B-Good
Acetamide	A-Excellent
Acetate Solvent	A-Excellent
Acetic Acid	B-Good
Acetic Acid 20%	B-Good
Acetic Acid 80%	B-Good
Acetic Acid, Glacial	B-Good
Acetic Anhydride	A[1]-Excellent
Acetone	A-Excellent
Acetyl Bromide	N/A
Acetyl Chloride (dry)	D-Severe Effect
Acetylene	A-Excellent
Acrylonitrile	B[1]-Good
Adipic Acid	A-Excellent
Alcohols: Amyl	B-Good
Alcohols: Benzyl	B-Good
Alcohols: Butyl	B-Good
Alcohols: Diacetone	A[1]-Excellent
Alcohols: Ethyl	B-Good
Alcohols: Hexyl	A-Excellent
Alcohols: Isobutyl	B-Good
Alcohols: Isopropyl	B-Good
Alcohols: Methyl	A[1]-Excellent
Alcohols: Octyl	A-Excellent
Alcohols: Propyl	A-Excellent
Aluminum Chloride	D-Severe Effect
Aluminum Chloride 20%	D-Severe Effect
Aluminum Fluoride	B[1]-Good
Aluminum Hydroxide	B[1]-Good
Aluminum Nitrate	D-Severe Effect
Aluminum Potassium Sulfate 10%	C-Fair

Aluminum Potassium Sulfate 100%	C-Fair
Aluminum Sulfate	B[1]-Good
Alums	A-Excellent
Amines	B-Good
Ammonia 10%	A[2]-Excellent
Ammonia Nitrate	C-Fair
Ammonia, anhydrous	A[1]-Excellent
Ammonia, liquid	A-Excellent
Ammonium Acetate	A-Excellent
Ammonium Bifluoride	B-Good
Ammonium Carbonate	B-Good
Ammonium Caseinate	N/A
Ammonium Chloride	B[1]-Good
Ammonium Hydroxide	B[2]-Good
Ammonium Nitrate	B[1]-Good
Ammonium Oxalate	N/A
Ammonium Persulfate	D-Severe Effect
Ammonium Phosphate, Dibasic	B[1]-Good
Ammonium Phosphate, Monobasic	B-Good
Ammonium Phosphate, Tribasic	B-Good
Ammonium Sulfate	A[1]-Excellent
Ammonium Sulfite	D-Severe Effect
Ammonium Thiosulfate	N/A
Amyl Acetate	A-Excellent
Amyl Alcohol	B-Good
Amyl Chloride	A[1]-Excellent
Aniline	C-Fair
Aniline Hydrochloride	D-Severe Effect
Antifreeze	A-Excellent
Antimony Trichloride	D-Severe Effect
Aqua Regia (80% HCl, 20% HNO3)	D-Severe Effect
Arochlor 1248	A-Excellent
Aromatic Hydrocarbons	A-Excellent
Arsenic Acid	D-Severe Effect
Arsenic Salts	N/A
Asphalt	A-Excellent
Barium Carbonate	D-Severe Effect
Barium Chloride	D-Severe Effect

Barium Cyanide	C[1]-Fair
Barium Hydroxide	D-Severe Effect
Barium Nitrate	B-Good
Barium Sulfate	B-Good
Barium Sulfide	D-Severe Effect
Beer	A-Excellent
Beet Sugar Liquids	A-Excellent
Benzaldehyde	B-Good
Benzene	B-Good
Benzene Sulfonic Acid	D-Severe Effect
Benzoic Acid	B-Good
Benzol	B[1]-Good
Benzonitrile	N/A
Benzyl Chloride	D-Severe Effect
Bleaching Liquors	N/A
Borax (Sodium Borate)	B[1]-Good
Boric Acid	D-Severe Effect
Brewery Slop	N/A
Bromine	D-Severe Effect
Butadiene	A-Excellent
Butane	A-Excellent
Butanol (Butyl Alcohol)	B-Good
Butter	A-Excellent
Buttermilk	A-Excellent
Butyl Amine	A[2]-Excellent
Butyl Ether	A[1]-Excellent
Butyl Phthalate	B[2]-Good
Butylacetate	A-Excellent
Butylene	A-Excellent
Butyric Acid	B-Good
Calcium Bisulfate	N/A
Calcium Bisulfide	C-Fair
Calcium Bisulfite	D-Severe Effect
Calcium Carbonate	D-Severe Effect
Calcium Chlorate	N/A
Calcium Chloride	D-Severe Effect
Calcium Hydroxide	C[1]-Fair
Calcium Hypochlorite	D-Severe Effect

Calcium Nitrate	B[1]-Good
Calcium Oxide	C-Fair
Calcium Sulfate	C-Fair
Calgon	N/A
Cane Juice	B-Good
Carbolic Acid (Phenol)	A-Excellent
Carbon Bisulfide	B-Good
Carbon Dioxide (dry)	B[1]-Good
Carbon Dioxide (wet)	A[1]-Excellent
Carbon Disulfide	A-Excellent
Carbon Monoxide	A-Excellent
Carbon Tetrachloride	D-Severe Effect
Carbon Tetrachloride (dry)	D-Severe Effect
Carbon Tetrachloride (wet)	D-Severe Effect
Carbonated Water	A-Excellent
Carbonic Acid	B[1]-Good
Catsup	D-Severe Effect
Chloric Acid	D-Severe Effect
Chlorinated Glue	N/A
Chlorine (dry)	C[1]-Fair
Chlorine Water	D-Severe Effect
Chlorine, Anhydrous Liquid	D-Severe Effect
Chloroacetic Acid	D-Severe Effect
Chlorobenzene (Mono)	A-Excellent
Chlorobromomethane	N/A
Chloroform	B[1]-Good
Chlorosulfonic Acid	C-Fair
Chocolate Syrup	A-Excellent
Chromic Acid 10%	D-Severe Effect
Chromic Acid 30%	D-Severe Effect
Chromic Acid 5%	C-Fair
Chromic Acid 50%	D-Severe Effect
Chromium Salts	N/A
Cider	B-Good
Citric Acid	C-Fair
Citric Oils	C-Fair
Cloroxr (Bleach)	A-Excellent
Coffee	A-Excellent

Copper Chloride	N/A
Copper Cyanide	D-Severe Effect
Copper Fluoborate	N/A
Copper Nitrate	D-Severe Effect
Copper Sulfate>5%	D-Severe Effect
Copper Sulfate 5%	D-Severe Effect
Cream	A-Excellent
Cresols	A-Excellent
Cresylic Acid	B[2]-Good
Cupric Acid	D-Severe Effect
Cyanic Acid	N/A
Cyclohexane	A-Excellent
Cyclohexanone	A-Excellent
Detergents	B-Good
Diacetone Alcohol	A[1]-Excellent
Dichlorobenzene	B[1]-Good
Dichloroethane	B[1]-Good
Diesel Fuel	A[1]-Excellent
Diethyl Ether	B-Good
Diethylamine	B-Good
Diethylene Glycol	B[1]-Good
Dimethyl Aniline	A[2]-Excellent
Dimethyl Formamide	A[1]-Excellent
Diphenyl	B[2]-Good
Diphenyl Oxide	B[1]-Good
Dyes	B-Good
Epsom Salts (Magnesium Sulfate)	B[1]-Good
Ethane	N/A
Ethanol	B-Good
Ethanolamine	B-Good
Ether	B[1]-Good
Ethyl Acetate	A[2]-Excellent
Ethyl Benzoate	N/A
Ethyl Chloride	B-Good
Ethyl Ether	B[1]-Good
Ethyl Sulfate	N/A
Ethylene Bromide	B-Good
Ethylene Chloride	B-Good

Ethylene Chlorohydrin	B-Good
Ethylene Diamine	B[1]-Good
Ethylene Dichloride	A[1]-Excellent
Ethylene Glycol	A-Excellent
Ethylene Oxide	D-Severe Effect
Fatty Acids	A-Excellent
Ferric Chloride	D-Severe Effect
Ferric Nitrate	D-Severe Effect
Ferric Sulfate	D-Severe Effect
Ferrous Chloride	D-Severe Effect
Ferrous Sulfate	B[1]-Good
Fluoboric Acid	D-Severe Effect
Fluorine	A-Excellent
Fluosilicic Acid	D-Severe Effect
Formaldehyde 100%	A-Excellent
Formaldehyde 40%	B-Good
Formic Acid	A-Excellent
Freon 113	N/A
Freon 12	B[1]-Good
Freon 22	D-Severe Effect
Freon TF	D-Severe Effect
Freonr 11	D-Severe Effect
Fruit Juice	A-Excellent
Fuel Oils	C[1]-Fair
Furan Resin	A-Excellent
Furfural	A[1]-Excellent
Gallic Acid	D-Severe Effect
Gasoline (high-aromatic)	D-Severe Effect
Gasoline, leaded, ref.	A-Excellent
Gasoline, unleaded	A[2]-Excellent
Gelatin	A-Excellent
Glucose	A-Excellent
Glue, P.V.A.	A-Excellent
Glycerin	A-Excellent
Glycolic Acid	N/A
Gold Monocyanide	N/A
Grape Juice	N/A
Grease	N/A

Heptane	A-Excellent
Hexane	A-Excellent
Honey	A-Excellent
Hydraulic Oil (Petro)	A-Excellent
Hydraulic Oil (Synthetic)	A-Excellent
Hydrazine	N/A
Hydrobromic Acid 100%	D-Severe Effect
Hydrobromic Acid 20%	D-Severe Effect
Hydrochloric Acid 100%	D-Severe Effect
Hydrochloric Acid 20%	D-Severe Effect
Hydrochloric Acid 37%	D-Severe Effect
Hydrochloric Acid, Dry Gas	D-Severe Effect
Hydrocyanic Acid	A-Excellent
Hydrocyanic Acid (Gas 10%)	N/A
Hydrofluoric Acid 100%	D-Severe Effect
Hydrofluoric Acid 20%	D-Severe Effect
Hydrofluoric Acid 50%	D-Severe Effect
Hydrofluoric Acid 75%	D-Severe Effect
Hydrofluosilicic Acid 100%	D-Severe Effect
Hydrofluosilicic Acid 20%	D-Severe Effect
Hydrogen Gas	A-Excellent
Hydrogen Peroxide 10%	A-Excellent
Hydrogen Peroxide 100%	A-Excellent
Hydrogen Peroxide 30%	A-Excellent
Hydrogen Peroxide 50%	A-Excellent
Hydrogen Sulfide (aqua)	B-Good
Hydrogen Sulfide (dry)	B-Good
Hydroquinone	B-Good
Hydroxyacetic Acid 70%	N/A
Ink	N/A
Iodine	A-Excellent
Iodine (in alcohol)	B-Good
Iodoform	N/A
Isooctane	A[1]-Excellent
Isopropyl Acetate	D-Severe Effect
Isopropyl Ether	A-Excellent
Isotane	D-Severe Effect
Jet Fuel (JP3, JP4, JP5)	A-Excellent

Kerosene	A-Excellent
Ketones	B-Good
Lacquer Thinners	A-Excellent
Lacquers	A-Excellent
Lactic Acid	B-Good
Lard	A-Excellent
Latex	A-Excellent
Lead Acetate	D-Severe Effect
Lead Nitrate	D-Severe Effect
Lead Sulfamate	C-Fair
Ligroin	D-Severe Effect
Lime	A-Excellent
Linoleic Acid	A[2]-Excellent
Lithium Chloride	D-Severe Effect
Lithium Hydroxide	D-Severe Effect
Lubricants	A[2]-Excellent
Lye: Ca(OH)2 Calcium Hydroxide	C[1]-Fair
Lye: KOH Potassium Hydroxide	D-Severe Effect
Lye: NaOH Sodium Hydroxide	D-Severe Effect
Magnesium Bisulfate	D-Severe Effect
Magnesium Carbonate	A-Excellent
Magnesium Chloride	D-Severe Effect
Magnesium Hydroxide	C[1]-Fair
Magnesium Nitrate	B-Good
Magnesium Oxide	B-Good
Magnesium Sulfate (Epsom Salts)	B[1]-Good
Maleic Acid	B[1]-Good
Maleic Anhydride	A-Excellent
Malic Acid	B[1]-Good
Manganese Sulfate	B[1]-Good
Mash	A-Excellent
Mayonnaise	A-Excellent
Melamine	N/A
Mercuric Chloride (dilute)	D-Severe Effect
Mercuric Cyanide	D-Severe Effect
Mercurous Nitrate	D-Severe Effect
Mercury	D-Severe Effect
Methane	A-Excellent

Methanol (Methyl Alcohol)	A[1]-Excellent
Methyl Acetate	A-Excellent
Methyl Acetone	A-Excellent
Methyl Acrylate	N/A
Methyl Alcohol 10%	A[1]-Excellent
Methyl Bromide	D-Severe Effect
Methyl Butyl Ketone	N/A
Methyl Cellosolve	B-Good
Methyl Chloride	D-Severe Effect
Methyl Dichloride	N/A
Methyl Ethyl Ketone	B-Good
Methyl Ethyl Ketone Peroxide	N/A
Methyl Isobutyl Ketone	B-Good
Methyl Isopropyl Ketone	A-Excellent
Methyl Methacrylate	N/A
Methylamine	A-Excellent
Methylene Chloride	C-Fair
Milk	A-Excellent
Mineral Spirits	A-Excellent
Molasses	A-Excellent
Monochloroacetic acid	D-Severe Effect
Monoethanolamine	B-Good
Morpholine	A[1]-Excellent
Motor oil	A[1]-Excellent
Mustard	B-Good
Naphtha	A-Excellent
Naphthalene	B[1]-Good
Natural Gas	A-Excellent
Nickel Chloride	D-Severe Effect
Nickel Nitrate	D-Severe Effect
Nickel Sulfate	D-Severe Effect
Nitrating Acid (<15% HNO3)	D-Severe Effect
Nitrating Acid (>15% H2SO4)	D-Severe Effect
Nitrating Acid (S1% Acid)	D-Severe Effect
Nitrating Acid (S15% H2SO4)	D-Severe Effect
Nitric Acid (20%)	D-Severe Effect
Nitric Acid (50%)	D-Severe Effect
Nitric Acid (5-10%)	A-Excellent

Nitric Acid (Concentrated)	D-Severe Effect
Nitrobenzene	B-Good
Nitrogen Fertilizer	N/A
Nitromethane	A-Excellent
Nitrous Acid	D-Severe Effect
Nitrous Oxide	B-Good
Oils: Aniline	D-Severe Effect
Oils: Anise	N/A
Oils: Bay	N/A
Oils: Bone	N/A
Oils: Castor	A-Excellent
Oils: Cinnamon	N/A
Oils: Citric	A-Excellent
Oils: Clove	B-Good
Oils: Coconut	A-Excellent
Oils: Cod Liver	A-Excellent
Oils: Corn	A-Excellent
Oils: Cottonseed	A-Excellent
Oils: Creosote	B-Good
Oils: Diesel Fuel (20, 30, 40, 50)	A-Excellent
Oils: Fuel (1, 2, 3, 5A, 5B, 6)	C[1]-Fair
Oils: Ginger	N/A
Oils: Hydraulic Oil (Petro)	A-Excellent
Oils: Hydraulic Oil (Synthetic)	A-Excellent
Oils: Lemon	A-Excellent
Oils: Linseed	B-Good
Oils: Mineral	A-Excellent
Oils: Olive	A-Excellent
Oils: Orange	A-Excellent
Oils: Palm	N/A
Oils: Peanut	A-Excellent
Oils: Peppermint	D-Severe Effect
Oils: Pine	A-Excellent
Oils: Rapeseed	N/A
Oils: Rosin	B[1]-Good
Oils: Sesame Seed	N/A
Oils: Silicone	A-Excellent
Oils: Soybean	A-Excellent

Oils: Sperm (whale)	N/A
Oils: Tanning	N/A
Oils: Transformer	A-Excellent
Oils: Turbine	A-Excellent
Oleic Acid	A-Excellent
Oleum 100%	B-Good
Oleum 25%	B-Good
Oxalic Acid (cold)	A-Excellent
Ozone	B-Good
Palmitic Acid	B-Good
Paraffin	A-Excellent
Pentane	B-Good
Perchloric Acid	D-Severe Effect
Perchloroethylene	C-Fair
Petrolatum	N/A
Petroleum	D-Severe Effect
Phenol (10%)	A-Excellent
Phenol (Carbolic Acid)	A-Excellent
Phosphoric Acid (>40%)	C-Fair
Phosphoric Acid (crude)	C-Fair
Phosphoric Acid (molten)	C-Fair
Phosphoric Acid (S40%)	C-Fair
Phosphoric Acid Anhydride	C-Fair
Phosphorus	B-Good
Phosphorus Trichloride	D-Severe Effect
Photographic Developer	N/A
Photographic Solutions	N/A
Phthalic Acid	B^2-Good
Phthalic Anhydride	A-Excellent
Picric Acid	C-Fair
Plating Solutions, Antimony Plating 130°F	A-Excellent
Plating Solutions, Arsenic Plating 110°F	A-Excellent
Plating Solutions (Brass): High-Speed Brass Bath 110°F	A-Excellent
Plating Solutions (Brass): Regular Brass Bath 100°F	A-Excellent
Plating Solutions (Bronze): Cu-Cd Bronze Bath R.T.	A-Excellent
Plating Solutions (Bronze): Cu-Sn Bronze Bath 160°F	A-Excellent
Plating Solutions (Bronze): Cu-Zn Bronze Bath 100°F	A-Excellent
Plating Solutions (Cadmium): Cyanide Bath 90°F	A-Excellent

Plating Solutions (Cadmium): Fluoborate Bath 100°F	A-Excellent
Plating Solutions, Barrel Chrome Bath 95°F	A-Excellent
Plating Solutions, (Chromium): Black Chrome Bath 115°F	A-Excellent
Plating Solutions, (Chromium): Chromic-Sulfuric Bath 130°F	A-Excellent
Plating Solutions, (Chromium): Fluoride Bath 130°F	A-Excellent
Plating Solutions, (Chromium): Fluosilicate Bath 95°F	A-Excellent
Plating Solutions (Copper) (Acid): Copper Fluoborate Bath 120°F	A-Excellent
Plating Solutions (Copper) (Acid): Copper Sulfate Bath R.T.	A-Excellent
Plating Solutions (Copper) (Cyanide): Copper Strike Bath 120°F	N/A
Plating Solutions (Copper) (Cyanide): High-Speed Bath 180°F	A-Excellent
Plating Solutions (Copper) (Cyanide): Rochelle Salt Bath 150°F	A-Excellent
Plating Solutions (Copper) (Misc): Copper (Electroless)	A-Excellent
Plating Solutions (Copper) (Misc): Copper Pyrophosphate	A-Excellent
Potash (Potassium Carbonate)	D-Severe Effect
Potassium Bicarbonate	D-Severe Effect
Potassium Bromide	C[1]-Fair
Potassium Chlorate	B-Good
Potassium Chloride	D-Severe Effect
Potassium Chromate	B[1]-Good
Potassium Cyanide Solutions	D-Severe Effect
Potassium Dichromate	B-Good
Potassium Ferricyanide	B[2]-Good
Potassium Ferrocyanide	B[1]-Good
Potassium Hydroxide (Caustic Potash)	D-Severe Effect
Potassium Hypochlorite	D-Severe Effect
Potassium Iodide	B[1]-Good
Potassium Nitrate	B-Good
Potassium Oxalate	B[1]-Good
Potassium Permanganate	B[1]-Good
Potassium Sulfate	C-Fair
Potassium Sulfide	D-Severe Effect
Propane (liquefied)	A-Excellent
Propylene	A-Excellent
Propylene Glycol	B-Good
Pyridine	B-Good
Pyrogallic Acid	B-Good
Resorcinal	N/A
Rosins	B[1]-Good

Rum	N/A
Rust Inhibitors	N/A
Salad Dressings	B-Good
Salicylic Acid	B[2]-Good
Salt Brine (NaCl saturated)	B[1]-Good
Sea Water	B-Good
Shellac (Bleached)	A-Excellent
Shellac (Orange)	A-Excellent
Silicone	A-Excellent
Silver Bromide	D-Severe Effect
Silver Nitrate	D-Severe Effect
Soap Solutions	C-Fair
Soda Ash (see Sodium Carbonate)	D-Severe Effect
Sodium Acetate	B-Good
Sodium Aluminate	N/A
Sodium Benzoate	A[1]-Excellent
Sodium Bicarbonate	D-Severe Effect
Sodium Bisulfate	D-Severe Effect
Sodium Bisulfite	D-Severe Effect
Sodium Borate (Borax)	C-Fair
Sodium Bromide	D-Severe Effect
Sodium Carbonate	D-Severe Effect
Sodium Chlorate	C[1]-Fair
Sodium Chloride	C-Fair
Sodium Chromate	B-Good
Sodium Cyanide	D-Severe Effect
Sodium Ferrocyanide	A-Excellent
Sodium Fluoride	B-Good
Sodium Hydrosulfite	A-Excellent
Sodium Hydroxide (20%)	D-Severe Effect
Sodium Hydroxide (50%)	D-Severe Effect
Sodium Hydroxide (80%)	D-Severe Effect
Sodium Hypochlorite (<20%)	D-Severe Effect
Sodium Hypochlorite (100%)	D-Severe Effect
Sodium Hyposulfate	D-Severe Effect
Sodium Metaphosphate	C-Fair
Sodium Metasilicate	D-Severe Effect
Sodium Nitrate	B-Good

Sodium Perborate	C-Fair
Sodium Peroxide	C-Fair
Sodium Polyphosphate	D-Severe Effect
Sodium Silicate	A-Excellent
Sodium Sulfate	A-Excellent
Sodium Sulfide	D-Severe Effect
Sodium Sulfite	C[1]-Fair
Sodium Tetraborate	C-Fair
Sodium Thiosulfate (hypo)	A-Excellent
Sorghum	N/A
Soy Sauce	A-Excellent
Stannic Chloride	D-Severe Effect
Stannic Fluoborate	N/A
Stannous Chloride	D-Severe Effect
Starch	A-Excellent
Stearic Acid	B-Good
Stoddard Solvent	A-Excellent
Styrene	A-Excellent
Sugar (Liquids)	A-Excellent
Sulfate (Liquors)	D-Severe Effect
Sulfur Chloride	D-Severe Effect
Sulfur Dioxide	B-Good
Sulfur Dioxide (dry)	B-Good
Sulfur Hexafluoride	N/A
Sulfur Trioxide	A-Excellent
Sulfur Trioxide (dry)	A-Excellent
Sulfuric Acid (<10%)	D-Severe Effect
Sulfuric Acid (10-75%)	D-Severe Effect
Sulfuric Acid (75-100%)	D-Severe Effect
Sulfuric Acid (cold concentrated)	B-Good
Sulfuric Acid (hot concentrated)	D-Severe Effect
Sulfurous Acid	B[1]-Good
Sulfuryl Chloride	N/A
Tallow	A-Excellent
Tannic Acid	C-Fair
Tanning Liquors	A-Excellent
Tartaric Acid	B[1]-Good
Tetrachloroethane	C-Fair

Tetrachloroethylene	N/A
Tetrahydrofuran	N/A
Tin Salts	D-Severe Effect
Toluene (Toluol)	A-Excellent
Tomato Juice	A-Excellent
Trichloroacetic Acid	D-Severe Effect
Trichloroethane	D-Severe Effect
Trichloroethylene	D-Severe Effect
Trichloropropane	D-Severe Effect
Tricresylphosphate	D-Severe Effect
Triethylamine	N/A
Trisodium Phosphate	D-Severe Effect
Turpentine	A-Excellent
Urea	B-Good
Uric Acid	D-Severe Effect
Urine	B-Good
Varnish	A-Excellent
Vegetable Juice	D-Severe Effect
Vinegar	D-Severe Effect
Vinyl Acetate	A[1]-Excellent
Vinyl Chloride	B[1]-Good
Water, Acid, Mine	D-Severe Effect
Water, Deionized	A[2]-Excellent
Water, Distilled	A-Excellent
Water, Fresh	B-Good
Water, Salt	B-Good
Weed Killers	D-Severe Effect
Whey	B-Good
Whiskey & Wines	C[1]-Fair
White Liquor (Pulp Mill)	B-Good
White Water (Paper Mill)	N/A
Xylene	A[1]-Excellent
Zinc Chloride	D-Severe Effect
Zinc Hydrosulfite	D-Severe Effect
Zinc Sulfate	D-Severe Effect

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, or swelling may occur.
D = Severe Effect, not recommended for ANY use.
N/A = Information not available.

Please note that these charts are for general reference only. We have aggregated this data from dozens of original sources and any single piece of data cannot be guaranteed. Additionally, many factors affect the chemical resistance of a given plastic product including the concentration/purity of the chemical, working temperature, wall thickness and condition of the container, etc. It is **your responsibility** to test a container and chemical together ensure compatibility under your unique circumstances.

Visit www.cplabsafety.com/chemical-compatibility-charts for up to date information.