#### Chemical

#### Acetaldehyde (ethanal) В Acetamide (ethanamide) Α Α Acetate Solvents Acetic Acid C Acetic Acid, 10% С С Acetic Acid, 20% С Acetic Acid, 30% Acetic Acid, 50% C Acetic Acid, 80% Acetic Acid, aerated С C Acetic Acid, air free С Acetic Acid, crude С Acetic Acid, glacial Acetic Acid Vapors В Acetic Anhydride Α Α Acetone Acetone Cyanohydrin В Α Acetonitrile (methyl cyanide) Acetophenone (acetyl benzene) В Acetyl Acetone D Acetyl Chloride, dry D Acetyl Salicylic Acid (aspirin) D Acetylene Α Acetylene Tetrabromide D В Acrolein (acrylaldehyde) В Acrylonitrile (vinyl cyanide) Adipic Acid Α Alcohols: Allyl В Alcohols: Amyl (1-pentanol) В Alcohols: Benzyl (phenol carbinol) В В Alcohols: Butyl (butanol) Α Alcohols: Capryl (octanol) Alcohols: Diacetone (tyranton) Alcohols: Ethyl (ethanol)

#### Chemical

Alcohols: Fatty	В
Alcohols: Hexyl (1-hexanol)	Α
Alcohols: Isobutyl (2-methyl-1-propanol)	В
Alcohols: Isopropyl (2-propanol)	В
Alcohols: Methyl (methanol)	Α
Alcohols: Octyl (caprylic alcohol)	Α
Alcohols: Propyl (propanol)	Α
Allyl Alcohol	В
Allyl Bromide	D
Allyl Chloride	D
Alum (aluminum potassium sulfate)	С
Aluminum Acetate	Α
Aluminum Chloride	D
Aluminum Chloride, 20%	D
Aluminum Chlorohydroxide	D
Aluminum Fluoride	В
Aluminum Hydroxide	В
Aluminum Nitrate	D
Aluminum Oxalate	В
Aluminum Potassium Sulfate, 10%	С
Aluminum Potassium Sulfate, 100%	С
Aluminum Sulfate	В
Alums	Α
Amines	В
Ammonia, 10% (ammonium hydroxide)	Α
Ammonia Nitrate	С
Ammonia, anhydrous	В
Ammonia, liquid	Α
Ammonium Acetate	Α
Ammonium Bicarbonate	В
Ammonium Bifluoride	В
Ammonium Bromide, 5%	D
Ammonium Carbonate	В
Ammonium Chloride (sal ammoniac)	В

Key to General Chemical Resistance [all data based on 72 ° (22 °C) ]

A = Excellent

C = Fair - Moderate Effect, not recommended

B= Good - Minor Effect, slight corrosion or discoloration

D = Severe Effect, not recommended for ANY use



Chemical

ver 07-Jan-2018

Cnemicai	
Ammonium Dichromate	Α
Ammonium Fluoride	D
Ammonium Hydroxide (aqueous ammonia)	В
Ammonium Metaphosphate	В
Ammonium Monosulfide	D
Ammonium Nitrate	В
Ammonium Oxalate, 5%	Α
Ammonium Persulfate	D
Ammonium Phosphate, dibasic	В
Ammonium Phosphate, monobasic	В
Ammonium Phosphate, tribasic	В
Ammonium Sulfate	D
Ammonium Sulfide	В
Ammonium Sulfite	D
Ammonium Thiocyanate	С
Ammonium Thiosulfate	Α
Amyl Acetate (banana oil)	В
Amyl Alcohol	В
Amyl Chloride (chloropentane)	Α
Amyl Phenol	Α
Anhydrous Ammonia	В
Aniline	С
Aniline Dyes	С
Aniline Hydrochloride	D
Aniline Oil	В
Animal Fats and Oils	Α
Anisole (methylphenyl ether)	В
Anthraquinone	В
Antifreeze, alcohol base	Α
Antifreeze, glycol base	Α
Antimony Chloride	В
Antimony Pentachloride	Α
Antimony Trichloride	D
Apple Juice	В
Aqua Regia (80% HCl, 20% HNO3)	D
Key to General Chemical Resistance (all data based on 72	° (22 °C

Cnemical	
Aroclor 1248	А
Aromatic Hydrocarbons	А
Arsenic Acid	D
Arsenic Trichloride	D
Ascorbic Acid	А
Asphalt	А
Asphalt Emulsions	В
Asphalt Hydrocarbons	А
Asphalt Topping	А
Aspirin (acetyl salicylic acid)	D
ASTM Oil, No. 1	А
ASTM Oil, No. 2	А
ASTM Oil, No. 3	А
ASTM Oil, No. 4	А
ASTM Oil, B	А
ASTM Oil, C	А
ASTM Reference Fuel A	А
Automatic Transmission Fluid	А
Aviation Gasoline, military	А
Banana Oil (amyl acetate)	В
Barium Carbonate	D
Barium Chloride	D
Barium Cyanide	С
Barium Hydrate (barium hydroxide)	D
Barium Hydroxide (barium hydrate)	D
Barium Nitrate	В
Barium Sulfate	D
Barium Sulfide	D
Beer	А
Beet Sugar Liquids	А
Benzaldehyde	В
Benzene (benzol)	В
Benzene Sulfonic Acid	D
Benzoic Acid	В
Benzol (benzene)	В

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Chemical

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Chemical	
Benzoyl Chloride	D
Benzyl Acetate	Α
Benzyl Alcohol	Α
Benzyl Benzoate	Α
Benzyl Chloride (chlorotoluene)	D
Beryllium Sulfate	В
Biphenyl (diphenyl)	Α
Black Sulphate Liquor	С
Bleach Solutions	D
Blood, meat juices cold	Α
Borax (sodium borate)	С
Borax Liquors	С
Bordeaux Mixtures	D
Boric Acid	D
Brake Fluid, non-petroleum base	Α
Brines, saturated (calcium chloride)	С
Bromine	D
Bromine, anhydrous	D
Bromine Trifluoride	D
Bromine Water	D
Bromobenzene	D
Bromochloromethane	D
Bromoethane (ethyl bromide)	Α
Bromotoluene	D
Bunker Oils, fuel	В
Butadiene, monomer	Α
Butane (LPG, butyl hydride)	Α
Butanol (butyl alcohol)	В
Butter	Α
Buttermilk	Α
Butyl Acetate	Α
Butyl Acetyl Ricinoleate	Α
Butyl Alcohol (butanol)	Α
Butyl Amine (aminobutane)	Α
Butyl Benzoate	В
Key to General Chemical Resistance [all data based on 72]	° (22 °C

Cnemical	
Butyl Butyrate	Α
Butyl Chloride (chlorobutane)	D
Butyl Ether (dibutyl ether)	А
Butyl Phthalate	В
Butyl Stearate	В
Butylene (butene)	А
Butyraldehyde	А
Butyric Acid	В
Butyric Anhydride	А
Calcium Acetate (hydrate)	С
Calcium Bisulfide	С
Calcium Bisulfite	D
Calcium Carbonate (chalk, CaCO3)	D
Calcium Chlorate	В
Calcium Chloride (brine	D
Calcium Hydroxide (lye)	С
Calcium Hypochlorite	D
Calcium Nitrate	В
Calcium Oxide (unslaked lime, CaO)	С
Calcium Phosphate	D
Calcium Silicate	Α
Calcium Sulfate (gypsum)	С
Calcium Sulfide	А
Calcium sulfite	В
Camphor	С
Cane Juice	В
Cane Sugar Liquors	Α
Capryl Alcohol (octanol)	А
Caprylic Acid (octanoic acid)	А
Carbitol	В
Carbolic Acid (phenol)	А
Carbon Bisulfide	А
Carbon Dioxide, dry	В
Carbon Dioxide, wet	А
Carbon Disulfide	С
-	

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Chemical

ver 07-Jan-2018

Carbon Monoxide       A         Carbon Tetrachloride       D         Carbon Tetrachloride, dry       D         Carbon Tetrachloride, wet       D         Carbonated Beverages       C         Carbonic Acid       B         Casein       C         Castor Oil       A         Catsup (ketchup)       D         Caustic Potash (HKO)       C         Caustic Soda (HNaO)       D         Cellosolve™ (butyl cellosolve acetate)       B         Cellulose Acetate       B         China Wood Oil (Tung oil)       A         Chloric Acid       D         Chlorinated Glue       D         Chlorinated Lime, 35% (bleach)       D         Chlorinated Water       D         Chlorine, anhydrous liquid       D         Chlorine Gas, dry       D         Chlorine Dioxide, 8% aqueous solution       D         Chlorine Trifluoride       D         Chlorine Water       D         Chloroacetic Acid       D         Chlorobenzene (mono), dry       C         Chlorobromomethane       D	Chemical	
Carbon Tetrachloride, dry       D         Carbon Tetrachloride, wet       D         Carbonated Beverages       C         Carbonic Acid       B         Casein       C         Castor Oil       A         Catsup (ketchup)       D         Caustic Potash (HKO)       C         Caustic Potash (HKO)       D         Cellusolve™ (butyl cellosolve acetate)       B         Cellulose Acetate       B         China Wood Oil (Tung oil)       A         Chloric Acid       D         Chlorinated Glue       D         Chlorinated Lime, 35% (bleach)       D         Chlorinated Water       D         Chlorine, anhydrous liquid       D         Chlorine Gas, dry       D         Chlorine Gas, wet       D         Chlorine Dioxide, 8% aqueous solution       D         Chlorine Water       D         Chloroacetic Acid       D         Chloroacetic Acid       D         Chlorobenzene (mono), dry       C	Carbon Monoxide	Α
Carbon Tetrachloride, wet       D         Carbonated Beverages       C         Carbonic Acid       B         Casein       C         Castor Oil       A         Catsup (ketchup)       D         Caustic Potash (HKO)       C         Caustic Soda (HNaO)       D         Cellosolve™ (butyl cellosolve acetate)       B         Cellulose Acetate       B         China Wood Oil (Tung oil)       A         Chloric Acid       D         Chlorinated Glue       D         Chlorinated Lime, 35% (bleach)       D         Chlorinated Water       D         Chlorine, anhydrous liquid       D         Chlorine Gas, dry       D         Chlorine Gas, wet       D         Chlorine Dioxide, 8% aqueous solution       D         Chlorine Water       D         Chloroacetic Acid       D         Chlorobenzene (mono), dry       C	Carbon Tetrachloride	D
Carbonated Beverages       C         Carbonic Acid       B         Casein       C         Castor Oil       A         Catsup (ketchup)       D         Caustic Potash (HKO)       C         Caustic Soda (HNaO)       D         Cellosolve™ (butyl cellosolve acetate)       B         Cellulose Acetate       B         China Wood Oil (Tung oil)       A         Chloric Acid       D         Chlorinated Glue       D         Chlorinated Lime, 35% (bleach)       D         Chlorinated Solvents       C         Chlorine das, dry       D         Chlorine Gas, dry       D         Chlorine Gas, wet       D         Chlorine Dioxide, 8% aqueous solution       D         Chlorine Water       D         Chloroacetic Acid       D         Chloroacetone       D         Chlorobenzene (mono), dry       C	Carbon Tetrachloride, dry	D
Carbonated Water A Carbonic Acid B Casein C Castor Oil A Catsup (ketchup) D Caustic Potash (HKO) C Caustic Soda (HNaO) D Cellosolve™ (butyl cellosolve acetate) B Cellulose Acetate B China Wood Oil (Tung oil) A Chloric Acid D Chlorinated Glue D Chlorinated Solvents C Chlorinated Water D Chlorine Gas, dry D Chlorine Gas, wet D Chlorine Dioxide, 8% aqueous solution D Chlorine Water D Chlorine Water D Chlorine Water D Chlorine Trifluoride D Chloroacetic Acid D Chloroacetone D Chlorobenzene (mono), dry C	Carbon Tetrachloride, wet	D
Carbonic Acid       B         Casein       C         Castor Oil       A         Catsup (ketchup)       D         Caustic Potash (HKO)       C         Caustic Soda (HNaO)       D         Cellosolve™ (butyl cellosolve acetate)       B         Cellulose Acetate       B         Chloria Wood Oil (Tung oil)       A         Chloric Acid       D         Chlorinated Glue       D         Chlorinated Lime, 35% (bleach)       D         Chlorinated Solvents       C         Chlorineted Water       D         Chlorine, anhydrous liquid       D         Chlorine Gas, dry       D         Chlorine Gas, wet       D         Chlorine Dioxide, 8% aqueous solution       D         Chlorine Trifluoride       D         Chlorine Water       D         Chloroacetic Acid       D         Chlorobenzene (mono), dry       C	Carbonated Beverages	С
Casein       C         Castor Oil       A         Catsup (ketchup)       D         Caustic Potash (HKO)       C         Caustic Soda (HNaO)       D         Cellosolve™ (butyl cellosolve acetate)       B         Cellulose Acetate       B         China Wood Oil (Tung oil)       A         Chloric Acid       D         Chlorinated Glue       D         Chlorinated Lime, 35% (bleach)       D         Chlorinated Solvents       C         Chlorinated Water       D         Chlorine, anhydrous liquid       D         Chlorine Gas, dry       D         Chlorine Gas, wet       D         Chlorine Dioxide, 8% aqueous solution       D         Chlorine Trifluoride       D         Chlorine Water       D         Chloroacetic Acid       D         Chloroacetone       D         Chlorobenzene (mono), dry       C	Carbonated Water	Α
Castor Oil       A         Catsup (ketchup)       D         Caustic Potash (HKO)       C         Caustic Soda (HNaO)       D         Cellosolve™ (butyl cellosolve acetate)       B         Cellulose Acetate       B         China Wood Oil (Tung oil)       A         Chloric Acid       D         Chlorinated Glue       D         Chlorinated Lime, 35% (bleach)       D         Chlorinated Solvents       C         Chlorinated Water       D         Chlorine, anhydrous liquid       D         Chlorine Gas, dry       D         Chlorine Gas, wet       D         Chlorine Dioxide, 8% aqueous solution       D         Chlorine Trifluoride       D         Chlorine Water       D         Chloroacetic Acid       D         Chlorobenzene (mono), dry       C	Carbonic Acid	В
Catsup (ketchup)       D         Caustic Potash (HKO)       C         Caustic Soda (HNaO)       D         Cellosolve™ (butyl cellosolve acetate)       B         Cellulose Acetate       B         China Wood Oil (Tung oil)       A         Chloric Acid       D         Chlorinated Glue       D         Chlorinated Lime, 35% (bleach)       D         Chlorinated Solvents       C         Chlorinated Water       D         Chlorine, anhydrous liquid       D         Chlorine Gas, dry       D         Chlorine Gas, wet       D         Chlorine Dioxide, 8% aqueous solution       D         Chlorine Trifluoride       D         Chlorine Water       D         Chloroacetic Acid       D         Chloroacetone       D         Chlorobenzene (mono), dry       C	Casein	С
Caustic Potash (HKO)       C         Caustic Soda (HNaO)       D         Cellosolve™ (butyl cellosolve acetate)       B         Cellulose Acetate       B         China Wood Oil (Tung oil)       A         Chloric Acid       D         Chlorinated Glue       D         Chlorinated Lime, 35% (bleach)       D         Chlorinated Solvents       C         Chlorinated Water       D         Chlorine, anhydrous liquid       D         Chlorine Gas, dry       D         Chlorine Gas, wet       D         Chlorine Dioxide, 8% aqueous solution       D         Chlorine Trifluoride       D         Chlorine Water       D         Chloroacetic Acid       D         Chloroacetone       D         Chlorobenzene (mono), dry       C	Castor Oil	Α
Caustic Soda (HNaO)       D         Cellosolve™ (butyl cellosolve acetate)       B         Cellulose Acetate       B         China Wood Oil (Tung oil)       A         Chloric Acid       D         Chlorinated Glue       D         Chlorinated Lime, 35% (bleach)       D         Chlorinated Solvents       C         Chlorinated Water       D         Chlorine, anhydrous liquid       D         Chlorine Gas, dry       D         Chlorine Gas, wet       D         Chlorine Dioxide, 8% aqueous solution       D         Chlorine Trifluoride       D         Chlorine Water       D         Chloroacetic Acid       D         Chloroacetone       D         Chlorobenzene (mono), dry       C	Catsup (ketchup)	D
Cellosolve™ (butyl cellosolve acetate)       B         Cellulose Acetate       B         China Wood Oil (Tung oil)       A         Chloric Acid       D         Chlorinated Glue       D         Chlorinated Lime, 35% (bleach)       D         Chlorinated Solvents       C         Chlorinated Water       D         Chlorine, anhydrous liquid       D         Chlorine Gas, dry       D         Chlorine Gas, wet       D         Chlorine Dioxide, 8% aqueous solution       D         Chlorine Trifluoride       D         Chlorine Water       D         Chloroacetic Acid       D         Chloroacetone       D         Chlorobenzene (mono), dry       C	Caustic Potash (HKO)	С
Cellulose Acetate B China Wood Oil (Tung oil) A Chloric Acid D Chlorinated Glue D Chlorinated Lime, 35% (bleach) D Chlorinated Solvents C Chlorinated Water D Chlorine, anhydrous liquid D Chlorine Gas, dry D Chlorine Gas, wet D Chlorine Dioxide, 8% aqueous solution D Chlorine Trifluoride D Chloroacetic Acid D Chloroacetone D Chlorobenzene (mono), dry C	Caustic Soda (HNaO)	D
China Wood Oil (Tung oil)  Chloric Acid  D  Chlorinated Glue  Chlorinated Lime, 35% (bleach)  Chlorinated Solvents  Chlorinated Water  D  Chlorine, anhydrous liquid  Chlorine Gas, dry  D  Chlorine Gas, wet  D  Chlorine Dioxide, 8% aqueous solution  Chlorine Trifluoride  D  Chloroacetic Acid  D  Chloroacetone  D  Chlorobenzene (mono), dry  Chloric Acid  D  Chlorobenzene (mono), dry  Chloroacetone  Chlorobenzene (mono), dry	Cellosolve™ (butyl cellosolve acetate)	В
Chloric Acid D Chlorinated Glue D Chlorinated Lime, 35% (bleach) D Chlorinated Solvents C Chlorinated Water D Chlorine, anhydrous liquid D Chlorine Gas, dry D Chlorine Gas, wet D Chlorine Dioxide, 8% aqueous solution D Chlorine Trifluoride D Chlorine Water D Chloroacetic Acid D Chloroacetone D Chlorobenzene (mono), dry C	Cellulose Acetate	В
Chlorinated Glue  Chlorinated Lime, 35% (bleach)  Chlorinated Solvents  Chlorinated Water  Chlorine, anhydrous liquid  Chlorine Gas, dry  Chlorine Gas, wet  D  Chlorine Dioxide, 8% aqueous solution  Chlorine Trifluoride  Chlorine Water  Chloroacetic Acid  D  Chloroacetone  Chlorobenzene (mono), dry  Chloroacetone  Chlorobenzene (mono), dry	China Wood Oil (Tung oil)	Α
Chlorinated Lime, 35% (bleach)  Chlorinated Solvents  Chlorinated Water  D  Chlorine, anhydrous liquid  Chlorine Gas, dry  Chlorine Gas, wet  Chlorine Dioxide, 8% aqueous solution  Chlorine Trifluoride  Chlorine Water  D  Chloroacetic Acid  D  Chloroacetone  Chlorobenzene (mono), dry  C	Chloric Acid	D
Chlorinated Solvents Chlorinated Water D Chlorine, anhydrous liquid D Chlorine Gas, dry D Chlorine Gas, wet D Chlorine Dioxide, 8% aqueous solution Chlorine Trifluoride D Chlorine Water D Chloroacetic Acid D Chloroacetone D Chlorobenzene (mono), dry C	Chlorinated Glue	D
Chlorinated Water D Chlorine, anhydrous liquid D Chlorine Gas, dry D Chlorine Gas, wet D Chlorine Dioxide, 8% aqueous solution D Chlorine Trifluoride D Chlorine Water D Chloroacetic Acid D Chloroacetone D Chlorobenzene (mono), dry C	Chlorinated Lime, 35% (bleach)	D
Chlorine, anhydrous liquid  Chlorine Gas, dry  Chlorine Gas, wet  D  Chlorine Dioxide, 8% aqueous solution  Chlorine Trifluoride  D  Chlorine Water  Chloroacetic Acid  D  Chloroacetone  D  Chlorobenzene (mono), dry  C	Chlorinated Solvents	С
Chlorine Gas, dry  Chlorine Gas, wet  D  Chlorine Dioxide, 8% aqueous solution  Chlorine Trifluoride  Chlorine Water  Chloroacetic Acid  D  Chloroacetone  D  Chlorobenzene (mono), dry  C	Chlorinated Water	D
Chlorine Gas, wet D Chlorine Dioxide, 8% aqueous solution D Chlorine Trifluoride D Chlorine Water D Chloroacetic Acid D Chloroacetone D Chlorobenzene (mono), dry C	Chlorine, anhydrous liquid	D
Chlorine Dioxide, 8% aqueous solution  Chlorine Trifluoride  Chlorine Water  Chloroacetic Acid  Chloroacetone  D  Chlorobenzene (mono), dry  C	Chlorine Gas, dry	D
Chlorine TrifluorideDChlorine WaterDChloroacetic AcidDChloroacetoneDChlorobenzene (mono), dryC	Chlorine Gas, wet	D
Chlorine WaterDChloroacetic AcidDChloroacetoneDChlorobenzene (mono), dryC	Chlorine Dioxide, 8% aqueous solution	D
Chloroacetic AcidDChloroacetoneDChlorobenzene (mono), dryC	Chlorine Trifluoride	D
ChloroacetoneDChlorobenzene (mono), dryC	Chlorine Water	D
Chlorobenzene (mono), dry	Chloroacetic Acid	D
, , , , , ,	Chloroacetone	D
Chlorobromomethane D	Chlorobenzene (mono), dry	С
	Chlorobromomethane	D
Chlorobutadiene D	Chlorobutadiene	D
Chlorododecane D	Chlorododecane	D
Chloroethanol B	Chloroethanol	В
Chloroform, dry B	Chloroform, dry	В
Chlorophyll, dry B	Chlorophyll, dry	В

Cnemical	
Chloronaphthalene	D
Chlorophenol	С
Chlorosulfonic Acid, dry	D
Chlorosulfonic Acid, wet	D
Chlorotoluene	D
Chlorotrifluoroethylene	В
Chocolate Syrup	Α
Chlorophenol (0-chlorphenol)	С
Chrome Alum (chromium potassium sulfate)	С
Chromic Acid, 5%	С
Chromic Acid, 10%	D
Chromic Acid, 30%	D
Chromic Acid, 50%	D
Chromium Sulfate	В
Cider (Apple Juice)	В
Citric Acid, 5%	С
Citrus Oils or Terpene (d-limonene)	С
Citrus Juices	С
Clorox® Bleach	D
Clove Oil	В
Coconut Oil (coconut butter)	В
Cod Liver Oil (fish oil)	Α
Coffee	Α
Coffee Extracts	Α
Coke Oven Gas	Α
Cobalt Chloride	D
Copper Acetate	D
Copper Carbonate	D
Copper Chloride	D
Copper Cyanide	D
Copper Fluoroborate	D
Copper Nitrate	D
Copper Nitrate Hexahydrate	D
Copper Nitrite	D
Copper Sulfate, 5%	D

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Chamical

ver 07-Jan-2018

Cnemical	
Copper Sulfate, >5%	D
Corn Oil	В
Corn Syrup (glucose)	Α
Cottonseed Oil	В
Cream	Α
Cresols	Α
Creosote (coal tar)	В
Creosote Oil	В
Cresylic Acid	В
Crotonaldehyde	Α
Crude Oil, sour	Α
Crude Oil, sweet	Α
Cumene (isopropylbenzene)	В
Cutting Oil, water soluble	Α
Cutting Oil, sulfur base	Α
Cupric Acid	D
Cupric Chloride	D
Cupric Nitrate	D
Cutting Oil, water soluble	Α
Cyclohexane	Α
Cyclohexanol	С
Cyclohexanone	Α
Cyclopentane	В
Deionized Water	Α
Denatured Alcohol	В
Detergents, synthetic	В
Detergent Solutions	В
Dextrin	В
Dextrose	Α
Diacetone Alcohol (diacetol)	Α
Dibenzyl Ether	В
Dibutyl Ether	В
Dibutyl Phthalate	Α
Dichloro Isopropyl Ether	D
Dichlorobenzene (p-dichlorobenzene)	D
Key to General Chemical Resistance [all data based on 72 °	(22 °C

Chemical	
Dichlorobutane	D
Dichloroethyl Ether	В
Dichlorodifluoromethane	Α
Dichloroethane (ethylidene chloride)	D
Dichloroethyl Ether	В
Dichloroisopropyl Ether	D
Diesel Oil, fuel ASTM #2	Α
Di-Ester Synthetic Lubricants	А
Diethanolamine	Α
Diethyl Ether	В
Diethyl Oxalate (ethyl oxalate)	А
Diethyl Phthalate (DEP)	Α
Diethyl Sebacate	А
Diethyl Sulfate	Α
Diethylamine	В
Diethylene Ether (dioxane)	Α
Diethylene Glycol	В
Diethylene Triamine	Α
Diisobutyl Ketone	А
Diisobutylene	В
Diisooctyl Adipate (D10A)	Α
Dimethyl Aniline	А
Dimethyl Ether	В
Dimethyl Formamide	Α
Dimethyl Phthalate	А
Dimethyl Sulfide	Α
Dioctyl Phthalate	Α
Dioctyl Sebacate	Α
Dioxane	В
Dipentene	А
Diphenyl	В
Diphenyl Ether	А
Diphenyl Oxides	В
Disodium Phosphate	В
Dispersing Oil #10	Α

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Chemical

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Cnemicai	
Dodecylbenzene (alkane)	Α
Dry Cleaning Fluid	Α
Dyes	В
Epichlorohydrin	D
Epsom Salts (magnesium sulfate)	В
Ethane	Α
Ethanol (ethyl alcohol)	В
Ethanamine (ethylamine, monoethylamine)	В
Ethanethiol (ethyl mercaptan)	В
Ethanolamine	В
Ethers	В
Ethyl Acetate	В
Ethyl Acetoacetate	Α
Ethyl Acrylate	Α
Ethyl Alcohol (ethanol)	В
Ethyl Amine (monoethylamine)	В
Ethyl Benzene	В
Ethyl Benzoate	Α
Ethyl Bromide (bromoethane)	Α
Ethyl Butyrate	В
Ethyl Cellulose	В
Ethyl Chloride, dry	В
Ethyl Chloride, wet	D
Ethyl Chlorocarbonate	D
Ethyl Chloroformate	D
Ethyl Ether	С
Ethyl Formate	С
Ethyl Hexyl Alcohol (ethylhexanol)	Α
Ethyl Mercaptan	В
Ethyl Oxalate (diethyl oxalate)	Α
Ethyl Pentachlorobenzene	D
Ethyl Propionate	Α
Ethyl Silicate	В
Ethyl Sulfate	Α
Ethylene (ethene)	Α
Key to General Chemical Resistance Iall data based on 72	° (22 °C

Chemical

Cnemical	
Ethylene Bromide	В
Ethylene Chloride	В
Ethylene Chlorohydrin	В
Ethylene Diamine	В
Ethylene Dibromide	D
Ethylene Dichloride	А
Ethylene Glycol	А
Ethylene Oxide	D
Ethylene Trichloride (trichloroethylene)	D
Ethylhexyl Alcohol (ethylhexanol)	А
Ethylidene Chloride (dichloroethane)	D
Fatty Acids	А
Fatty Alcohols	В
Ferric Chloride	D
Ferric Hydroxide	С
Ferric Nitrate	D
Ferric Sulfate (copperas)	D
Ferrous Ammonium Citrate	В
Ferrous Chloride	D
Ferrous Sulfate	С
Ferrous Sulfate, saturated	С
Fertilizer Solutions	D
Fish Oils	В
Flue Gases (carbon monoxide)	С
Fluoboric Acid	С
Fluorine, anhydrous	D
Fluorobenzene	D
Fluoroboric Acid (fluoboric acid)	D
Fluorocarbon Oil	D
Fluosilicic Acid	D
Formaldehyde, 40%	В
Formaldehyde, 100%	А
Formamide	А
Formic Acid	В
Freon 11, MF, 112, BF	D

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C = Fair - Moderate Effect, not recommended

D = Severe Effect, not recommended for ANY use



Chemical

ver 07-Jan-2018

Cnemical	
Freon 12, 32, 114, 115	В
Freon 21, 31	В
Freon 22	D
Freon 113, TF	D
Freon R-11	D
Freon, wet	D
Fruit Juices	Α
Fuel Oils	В
Furan (furfuran)	Α
Furan Resin	Α
Furfural (ant oil, C5H4O2)	Α
Gallic Acid	D
Gasoline, high-aromatic	D
Gasoline, aviation	Α
Gasoline, leaded	Α
Gasoline, motor	Α
Gasoline, refined	Α
Gasoline, sour	Α
Gasoline, unleaded	Α
Gelatin	Α
Gluconic Acid	В
Glucose	Α
Glue, PVA (polyvinyl acetate)	В
Glycerin	Α
Glycol Amine Solutions (alkylamines)	В
Glycol Amine Solutions (alkylamines)	С
Grape Juice	В
Graphite	В
Grease, ester base	Α
Grease, petroleum base	Α
Grease, silicone base	Α
Green Sulfate Liquor	В
Halowax Oil	D
Heavy Water	Α
Helium Gas	В
Key to General Chemical Resistance Iall data hased on 72 °	(22 °C

Chemical

Cnemicai	
Heptanal	А
Heptane	А
Hexaldehyde (n-hexaldehyde)	А
Hexane	А
Hexanol (hexyl alcohol)	А
Hexyl Alcohol (Hexanol)	А
Hexylene Glycol	А
Honey	А
Hydraulic Oil, petroleum based	А
Hydraulic Oil, synthetic based	А
Hydrazine (diamine)	С
Hydrobromic Acid, 20%	D
Hydrobromic Acid, 100%	D
Hydrochloric Acid, 20%	D
Hydrochloric Acid, 37%	D
Hydrochloric Acid, 100%	D
Hydrochloric Acid, dry gas	D
Hydrocyanic Acid	С
Hydrofluoric Acid, 20%	D
Hydrofluoric Acid, 50%	D
Hydrofluoric Acid, 75%	D
Hydrofluoric Acid, 100%	D
Hydrofluosilicic Acid, 20%	D
Hydrofluosilicic Acid, 100%	D
Hydrogen Chloride Gas	D
Hydrogen Cyanide Gas	D
Hydrogen Fluoride	D
Hydrogen Gas	А
Hydrogen Peroxide, 10%	А
Hydrogen Peroxide, 30%	А
Hydrogen Peroxide, 50%	А
Hydrogen Peroxide, 100%	А
Hydrogen Sulfide, aqueous	В
Hydrogen Sulfide, dry	С
Hydrogen Sulfide, wet	С

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Chemical

ver 07-Jan-2018

Chemical	
Hydroquinone	В
Hypochlorous Acid	D
Ink, printers	С
lodine	Α
lodine, in alcohol	В
Idoform	С
Isoamyl Acetate	Α
Isoamyl Butyrate	Α
Isoamyl Chloride	D
Isobutyl Acetate	Α
Isobutyl Alcohol (isobutanol)	В
Isobutyl Chloride	D
Isobutyric Acid	Α
Isododecane	В
Isooctane	Α
Isophorone (ketone)	Α
Isopropyl Acetate	D
Isopropyl Alcohol (isopropanol)	Α
Isopropyl Chloride	D
Isopropyl Ether	Α
Isotane	D
Jet Fuel (JP1, JP2, JP3, JP4, JP5, JP6, JPX)	Α
Kerosene	Α
Ketchup (Catsup)	D
Ketones	В
Lacquer Solvents	Α
Lacquer Thinners	Α
Lacquers	Α
Lactic Acid, 5% aqueous	С
Lactic Acid, concentrated	С
Lactic Acid, dilute	В
Lactose	В
Lard	Α
Lard Oil	В
Latex	Α
Key to General Chemical Resistance (all data based on 7)	° (22 °C

Chamical

Lauryl Alcohol (dodecyl alcohol)  Lead Acetate  D  Lead Chloride  Lead Nitrate  D  Lead Sulfamate  C  Lead Sulfate  D  Lecithin  B  Lemon Oil  A  Ligroin  D  Lime (CaO)  A  Lime Bleach  D  Lime Slurries  B  Lime Sulfur  D  Linoleic Acid  A  Listhium Chloride  D  Lithium Hydroxide  D  Lubricants  A  Lye, (Ca(OH)2, calcium hydroxide)  C  Lye (KOH, potassium hydroxide)  D  Magnesium Carbonate  A  Magnesium Chloride  D  Magnesium Nitrate  B  Magnesium Sulfate (Epsom salts)  Maleic Achydride  Malic Acid (Apple Acid) C4H6O5  B  Manganese Carbonate  Manganese Sulfate  B  Manganese Sulfate	Cnemical	
Lead ChlorideDLead NitrateDLead SulfamateCLead SulfateDLecithinBLemon OilALigroinDLime (CaO)ALime BleachDLime SulrriesBLime SulfurDLinoleic AcidALinseed OilALithium ChlorideDLithium HydroxideDLubricantsALye, (Ca(OH)2, calcium hydroxide)CLye (KOH, potassium hydroxide)DLye (NaOH, sodium hydroxide)DMagnesium BisulfateDMagnesium CarbonateAMagnesium ChlorideDMagnesium Hydroxide (Milk of Magnesia)CMagnesium NitrateBMagnesium Sulfate (Epsom salts)BMaleic AcidBMaleic Acid (Apple Acid) C4H6O5BMalt BeveragesAManganese CarbonateB	Lauryl Alcohol (dodecyl alcohol)	А
Lead NitrateDLead SulfamateCLead SulfateDLecithinBLemon OilALigroinDLime (CaO)ALime BleachDLime SulrriesBLime SulfurDLinoleic AcidALinseed OilALithium ChlorideDLithium HydroxideDLubricantsALye, (Ca(OH)2, calcium hydroxide)CLye (NaOH, sodium hydroxide)DLye (NaOH, sodium hydroxide)DMagnesium CarbonateAMagnesium ChlorideDMagnesium ChlorideDMagnesium NitrateBMagnesium Sulfate (Epsom salts)BMaleic AcidBMaleic Acid (Apple Acid) C4H6O5BMalt BeveragesAManganese CarbonateB	Lead Acetate	D
Lead Sulfante C Lead Sulfate D Lecithin B Lemon Oil A Ligroin D Lime (CaO) A Lime Bleach D Lime Sulfur D Linoleic Acid A Linseed Oil A Lithium Chloride D Lithium Hydroxide D Lubricants A Lye, (Ca(OH)2, calcium hydroxide) C Lye (KOH, potassium hydroxide) D Lye (NaOH, sodium hydroxide) D Magnesium Bisulfate D Magnesium Chloride D Magnesium Hydroxide D Magnesium Hydroxide D Magnesium Hydroxide D Magnesium Garbonate A Magnesium Oxide B Magnesium Sulfate (Epsom salts) B Maleic Acid (Apple Acid) C4H6O5 B Malt Beverages A Manganese Carbonate B	Lead Chloride	D
Lead SulfateDLecithinBLemon OilALigroinDLime (CaO)ALime BleachDLime SulrriesBLime SulfurDLinoleic AcidALinseed OilALithium ChlorideDLithium HydroxideDLubricantsALye, (Ca(OH)2, calcium hydroxide)CLye (KOH, potassium hydroxide)DLye (NaOH, sodium hydroxide)DMagnesium BisulfateDMagnesium CarbonateAMagnesium ChlorideDMagnesium Hydroxide (Milk of Magnesia)CMagnesium NitrateBMagnesium Sulfate (Epsom salts)BMaleic AcidBMaleic AnhydrideAMalic Acid (Apple Acid) C4H6O5BMalt BeveragesAManganese CarbonateB	Lead Nitrate	D
Lecithin B Lemon Oil A Ligroin D Lime (CaO) A Lime Bleach D Lime Slurries B Lime Sulfur D Linoleic Acid A Linseed Oil A Lithium Chloride D Lithium Hydroxide D Lubricants A Lye, (Ca(OH)2, calcium hydroxide) C Lye (KOH, potassium hydroxide) D Lye (NaOH, sodium hydroxide) D Magnesium Bisulfate D Magnesium Carbonate A Magnesium Chloride D Magnesium Hydroxide (Milk of Magnesia) C Magnesium Nitrate B Magnesium Oxide B Magnesium Sulfate (Epsom salts) B Maleic Acid (Apple Acid) C4H6O5 B Malt Beverages A Manganese Carbonate B	Lead Sulfamate	С
Lemon Oil A Ligroin D Lime (CaO) A Lime Bleach D Lime Slurries B Lime Sulfur D Linoleic Acid A Linseed Oil A Lithium Chloride D Lithium Hydroxide D Lubricants A Lye, (Ca(OH)2, calcium hydroxide) C Lye (KOH, potassium hydroxide) D Lye (NaOH, sodium hydroxide) D Magnesium Bisulfate D Magnesium Carbonate A Magnesium Chloride D Magnesium Hydroxide (Milk of Magnesia) C Magnesium Nitrate B Magnesium Oxide B Magnesium Sulfate (Epsom salts) B Maleic Acid (Apple Acid) C4H6O5 B Malt Beverages A Manganese Carbonate B	Lead Sulfate	D
Ligroin D Lime (CaO) A Lime Bleach D Lime Slurries B Lime Sulfur D Linoleic Acid A Linseed Oil A Lithium Chloride D Lithium Hydroxide D Lubricants A Lye, (Ca(OH)2, calcium hydroxide) C Lye (KOH, potassium hydroxide) D Lye (NaOH, sodium hydroxide) D Magnesium Bisulfate D Magnesium Carbonate A Magnesium Chloride D Magnesium Chloride D Magnesium Nitrate B Magnesium Oxide B Magnesium Sulfate (Epsom salts) B Maleic Acid (Apple Acid) C4H6O5 B Malt Beverages A Manganese Carbonate B	Lecithin	В
Lime (CaO)  Lime Bleach  D  Lime Slurries  B  Lime Sulfur  D  Linoleic Acid  A  Linseed Oil  A  Lithium Chloride  D  Lithium Hydroxide  D  Lubricants  A  Lye, (Ca(OH)2, calcium hydroxide)  C  Lye (KOH, potassium hydroxide)  D  Lye (NaOH, sodium hydroxide)  D  Magnesium Bisulfate  D  Magnesium Carbonate  A  Magnesium Chloride  D  Magnesium Hydroxide (Milk of Magnesia)  C  Magnesium Nitrate  B  Magnesium Oxide  B  Magnesium Sulfate (Epsom salts)  B  Maleic Acid (Apple Acid) C4H6O5  B  Malt Beverages  A  Manganese Carbonate  B	Lemon Oil	Α
Lime Bleach  Lime Slurries  B  Lime Sulfur  D  Linoleic Acid  A  Linseed Oil  A  Lithium Chloride  D  Lithium Hydroxide  Lubricants  A  Lye, (Ca(OH)2, calcium hydroxide)  C  Lye (KOH, potassium hydroxide)  D  Magnesium Bisulfate  D  Magnesium Carbonate  A  Magnesium Chloride  D  Magnesium Hydroxide (Milk of Magnesia)  C  Magnesium Nitrate  B  Magnesium Oxide  B  Magnesium Sulfate (Epsom salts)  Maleic Acid  Malic Acid (Apple Acid) C4H6O5  B  Malt Beverages  A  Manganese Carbonate  B	Ligroin	D
Lime Slurries  Lime Sulfur  D  Linoleic Acid  A  Linseed Oil  A  Lithium Chloride  D  Lithium Hydroxide  D  Lubricants  A  Lye, (Ca(OH)2, calcium hydroxide)  C  Lye (KOH, potassium hydroxide)  D  Lye (NaOH, sodium hydroxide)  D  Magnesium Bisulfate  D  Magnesium Carbonate  A  Magnesium Chloride  D  Magnesium Hydroxide (Milk of Magnesia)  C  Magnesium Nitrate  B  Magnesium Oxide  B  Magnesium Sulfate (Epsom salts)  B  Maleic Acid  Maleic Anhydride  A  Malic Acid (Apple Acid) C4H6O5  B  Malt Beverages  A  Manganese Carbonate  B	Lime (CaO)	Α
Lime Sulfur D Linoleic Acid A Linseed Oil A Lithium Chloride D Lithium Hydroxide D Lubricants A Lye, (Ca(OH)2, calcium hydroxide) C Lye (KOH, potassium hydroxide) D Lye (NaOH, sodium hydroxide) D Magnesium Bisulfate D Magnesium Carbonate A Magnesium Chloride D Magnesium Hydroxide (Milk of Magnesia) C Magnesium Nitrate B Magnesium Oxide B Magnesium Sulfate (Epsom salts) B Maleic Acid B Maleic Acid (Apple Acid) C4H6O5 B Matt Beverages A Manganese Carbonate B	Lime Bleach	D
Linoleic Acid  Linseed Oil  A  Lithium Chloride  D  Lithium Hydroxide  D  Lubricants  A  Lye, (Ca(OH)2, calcium hydroxide)  C  Lye (KOH, potassium hydroxide)  D  Lye (NaOH, sodium hydroxide)  Magnesium Bisulfate  D  Magnesium Carbonate  A  Magnesium Chloride  D  Magnesium Hydroxide (Milk of Magnesia)  C  Magnesium Oxide  B  Magnesium Sulfate (Epsom salts)  Maleic Acid  Malic Acid (Apple Acid) C4H6O5  B  Malt Beverages  A  Manganese Carbonate  B	Lime Slurries	В
Lithium Chloride  Lithium Hydroxide  Lubricants  Lye, (Ca(OH)2, calcium hydroxide)  Lye (KOH, potassium hydroxide)  Lye (NaOH, sodium hydroxide)  D  Magnesium Bisulfate  D  Magnesium Carbonate  A  Magnesium Chloride  D  Magnesium Hydroxide (Milk of Magnesia)  C  Magnesium Nitrate  B  Magnesium Oxide  B  Magnesium Sulfate (Epsom salts)  B  Maleic Acid  Malic Acid (Apple Acid) C4H6O5  B  Malt Beverages  A  Manganese Carbonate  B	Lime Sulfur	D
Lithium Chloride  Lithium Hydroxide  Lubricants  A  Lye, (Ca(OH)2, calcium hydroxide)  C  Lye (KOH, potassium hydroxide)  D  Lye (NaOH, sodium hydroxide)  Magnesium Bisulfate  Magnesium Carbonate  A  Magnesium Chloride  D  Magnesium Hydroxide (Milk of Magnesia)  C  Magnesium Nitrate  B  Magnesium Oxide  B  Magnesium Sulfate (Epsom salts)  Maleic Acid  B  Maleic Acid (Apple Acid) C4H6O5  B  Malt Beverages  A  Manganese Carbonate  B	Linoleic Acid	Α
Lithium Hydroxide  Lubricants  A  Lye, (Ca(OH)2, calcium hydroxide)  C  Lye (KOH, potassium hydroxide)  D  Lye (NaOH, sodium hydroxide)  Magnesium Bisulfate  D  Magnesium Carbonate  A  Magnesium Chloride  D  Magnesium Hydroxide (Milk of Magnesia)  C  Magnesium Nitrate  B  Magnesium Oxide  B  Magnesium Sulfate (Epsom salts)  Maleic Acid  B  Maleic Anhydride  A  Malic Acid (Apple Acid) C4H6O5  B  Malt Beverages  A  Manganese Carbonate	Linseed Oil	Α
Lubricants A  Lye, (Ca(OH)2, calcium hydroxide) C  Lye (KOH, potassium hydroxide) D  Lye (NaOH, sodium hydroxide) D  Magnesium Bisulfate D  Magnesium Carbonate A  Magnesium Chloride D  Magnesium Hydroxide (Milk of Magnesia) C  Magnesium Nitrate B  Magnesium Oxide B  Magnesium Sulfate (Epsom salts) B  Maleic Acid B  Maleic Acid (Apple Acid) C4H6O5 B  Malt Beverages A  Manganese Carbonate B	Lithium Chloride	D
Lye, (Ca(OH)2, calcium hydroxide)  Lye (KOH, potassium hydroxide)  D  Lye (NaOH, sodium hydroxide)  Magnesium Bisulfate  D  Magnesium Carbonate  A  Magnesium Chloride  D  Magnesium Hydroxide (Milk of Magnesia)  C  Magnesium Nitrate  B  Magnesium Oxide  B  Magnesium Sulfate (Epsom salts)  Maleic Acid  B  Maleic Anhydride  A  Malic Acid (Apple Acid) C4H6O5  B  Malt Beverages  A  Manganese Carbonate	Lithium Hydroxide	D
Lye (KOH, potassium hydroxide)  Description Lye (NaOH, sodium hydroxide)  Description Desc	Lubricants	Α
Lye (NaOH, sodium hydroxide)  Magnesium Bisulfate  D  Magnesium Carbonate  A  Magnesium Chloride  D  Magnesium Hydroxide (Milk of Magnesia)  C  Magnesium Nitrate  B  Magnesium Oxide  B  Magnesium Sulfate (Epsom salts)  Maleic Acid  B  Maleic Anhydride  A  Malic Acid (Apple Acid) C4H6O5  B  Malt Beverages  A  Manganese Carbonate	Lye, (Ca(OH)2, calcium hydroxide)	С
Magnesium BisulfateDMagnesium CarbonateAMagnesium ChlorideDMagnesium Hydroxide (Milk of Magnesia)CMagnesium NitrateBMagnesium OxideBMagnesium Sulfate (Epsom salts)BMaleic AcidBMaleic AnhydrideAMalic Acid (Apple Acid) C4H6O5BMalt BeveragesAManganese CarbonateB	Lye (KOH, potassium hydroxide)	D
Magnesium CarbonateAMagnesium ChlorideDMagnesium Hydroxide (Milk of Magnesia)CMagnesium NitrateBMagnesium OxideBMagnesium Sulfate (Epsom salts)BMaleic AcidBMaleic AnhydrideAMalic Acid (Apple Acid) C4H6O5BMalt BeveragesAManganese CarbonateB	Lye (NaOH, sodium hydroxide)	D
Magnesium ChlorideDMagnesium Hydroxide (Milk of Magnesia)CMagnesium NitrateBMagnesium OxideBMagnesium Sulfate (Epsom salts)BMaleic AcidBMaleic AnhydrideAMalic Acid (Apple Acid) C4H6O5BMalt BeveragesAManganese CarbonateB	Magnesium Bisulfate	D
Magnesium Hydroxide (Milk of Magnesia)  Magnesium Nitrate  B  Magnesium Oxide  B  Magnesium Sulfate (Epsom salts)  Maleic Acid  B  Maleic Anhydride  A  Malic Acid (Apple Acid) C4H6O5  B  Malt Beverages  A  Manganese Carbonate	Magnesium Carbonate	Α
Magnesium NitrateBMagnesium OxideBMagnesium Sulfate (Epsom salts)BMaleic AcidBMaleic AnhydrideAMalic Acid (Apple Acid) C4H6O5BMalt BeveragesAManganese CarbonateB	Magnesium Chloride	D
Magnesium Oxide  Magnesium Sulfate (Epsom salts)  Maleic Acid  B  Maleic Anhydride  A  Malic Acid (Apple Acid) C4H6O5  B  Malt Beverages  A  Manganese Carbonate  B	Magnesium Hydroxide (Milk of Magnesia)	С
Magnesium Sulfate (Epsom salts)  Maleic Acid  B  Maleic Anhydride  A  Malic Acid (Apple Acid) C4H6O5  B  Malt Beverages  A  Manganese Carbonate  B	Magnesium Nitrate	В
Maleic AcidBMaleic AnhydrideAMalic Acid (Apple Acid) C4H6O5BMalt BeveragesAManganese CarbonateB	Magnesium Oxide	В
Maleic AnhydrideAMalic Acid (Apple Acid) C4H6O5BMalt BeveragesAManganese CarbonateB	Magnesium Sulfate (Epsom salts)	В
Malic Acid (Apple Acid) C4H6O5BMalt BeveragesAManganese CarbonateB	Maleic Acid	В
Malt BeveragesAManganese CarbonateB	Maleic Anhydride	А
Manganese Carbonate B	Malic Acid (Apple Acid) C4H6O5	В
	Malt Beverages	А
Manganese Sulfate B	Manganese Carbonate	В
	Manganese Sulfate	В
Mash A	Mash	Α

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Chemical

ver 07-Jan-2018

Cnemical	
Meat Juices	В
Mayonnaise	Α
Mercuric Chloride, dilute	D
Mercuric Cyanide	D
Mercurous Nitrate	D
Mercury	D
Mesityl Oxide	Α
Methane	Α
Methanol (Methyl Alcohol)	Α
Methyl Acetate	Α
Methyl Acetone	Α
Methyl Alcohol, 10%	Α
Methyl Amine	В
Methyl Amyl Acetate	Α
Methyl Amyl Alcohol	Α
Methyl Bromide	D
Methyl Butyl Ketone	Α
Methyl Butyrate	Α
Methyl Cellosolve	В
Methyl Chloride	D
Methyl Cyanide (Acetonitrile)	Α
Methyl Dichloride	D
Methyl Ethyl Ketone (MEK, Butanone)	В
Methyl Ethyl Ketone Peroxide (MEKP)	D
Methyl Formate	Α
Methyl lodide	D
Methyl Isobutyl Ketone (MIBK)	В
Methyl Isopropyl Ketone	Α
Methyl Methacrylate	В
Methyl Propyl Salicylate	Α
Methyl Salicylate (Betula Oil)	Α
Methylamine	Α
Methylene Bromide	D
Methylene Chloride	D
Methylphenyl Ether (Anisole)	В
Key to General Chemical Resistance (all data based on 72	° (22 °C

Chemical

Milk	Α
Mine Water	A
Mineral Crisite	A
Mineral Spirits	A
Mixed Acids, cold	D
Molasses, crude	В
Molasses, edible	A
Monochloro Difluoro Methane	A
Monochloroacetic Acid	D
Monochlorobenzene	D
Monoethanol Amine	В
Morphine	В
Morpholine	A
Motor Oil	А
Muriatic Acid (hydrochloric acid)	D
Mustard	В
Naphtha	А
Naphthalene (tar camphor)	В
Naphthenic Acids	В
Natural Gas	А
Natural Gas, sour	В
Neatsfoot Oil	А
Neosol	В
Nickel Acetate	D
Nickel Ammonium Sulfate	D
Nickel Chloride	D
Nickel Nitrate	D
Nickel Sulfate	D
Nicotinic Acid	A
Nitrating Acid (<15% HNO3)	D
Nitrating Acid (>15% H2SO4)	D
Nitrating Acid (S1% Acid)	D
Nitrating Acid (S15% H2SO4)	D
Nitric Acid, 5-10%	A
Nitric Acid, 20%	D

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Chemical	
Nitric Acid, 50%	D
Nitric Acid, concentrated	D
Nitrobenzene	В
Nitroethane	Α
Nitrogen Gas	Α
Nitrogen Tetroxide (dinitrogen tetroxide)	D
Nitromethane	Α
Nitropropane	Α
Nitrous Acid	D
Nitrous Gases	В
Nitrous Oxide	В
Octa Chlorotoluene	Α
Octanoic Acid (caprylic acid)	D
Octyl Acetate	Α
Oleic Acid	В
Oleum (fuming sulfuric acid)	D
Oils: Aniline	D
Oils: Animal	Α
Oils: Banana (amyl acetate)	В
Oils: Castor	Α
Oils: Citric	Α
Oils: Clove	В
Oils: Coconut	Α
Oils: Cod Liver (fish oils)	Α
Oils: Corn	В
Oils: Cottonseed	В
Oils: Creosote	В
Oils: Diesel Fuel (20, 30, 40, 50)	Α
Oils: Fish (cod liver oil)	В
Oils: Fuel (1, 2, 3, 5A, 5B, 6)	С
Oils: Hydraulic Oil, petroleum	Α
Oils: Hydraulic Oil, synthetic	Α
Oils: Lard (animal oils)	Α
Oils: Lemon	Α
Oils: Linseed	Α
Key to General Chemical Resistance [all data based on 72	° (22 °C

Chamical

Oils: Mineral         A           Oils: Neatsfoot         A           Oils: Olive         A           Oils: Orange         A           Oils: Palm         B           Oils: Peanut         A           Oils: Peanut         A           Oils: Peppermint         D           Oils: Pine         A           Oils: Rosin         B           Oils: Rosin         B           Oils: Sesame Seed         A           Oils: Silicone         A           Oils: Silicone         A           Oils: Soybean         B           Oils: Turnarsformer         A           Oils: Turnarsformer         A           Oils: Turnarsformer         A           Oils: Turbine         A           Olis: Vegetable         B           Olis: Vegetable         B           Olive Oil         A           Orange Oil         A           Oxalic Acid, cold         A           Oxalic Acid, cold         A           Ozone, wet         B           Paint Thinner, Duco         A           Paraffin         A           Paraffin         A           Peanut Oil	Chemical	
Oils: Olive Oils: Orange Oils: Palm Oils: Peanut Oils: Peanut Oils: Peppermint Dils: Pine Oils: Pine Oils: Rosin Biloils: Sesame Seed Ails: Silicone Ails: Silicone Ails: Silicone Ails: Transformer Ails: Tung (China Wood Oil) Ails: Vegetable Biloils: Vegetable Oleic Acid Ails: Vegetable Biloils: Ails Ails: Vegetable Ails: Ail	Oils: Mineral	Α
Oils: Orange Oils: Palm Oils: Palm B Oils: Peanut A Oils: Peppermint D Oils: Pine A Oils: Rosin B Oils: Sesame Seed A Oils: Silicone A Oils: Soybean B Oils: Transformer A Oils: Tung (China Wood Oil) A Oils: Vegetable B Oleic Acid A Olive Oil A Orange Oil A Oxalic Acid, cold A Oxygen Gas A Ozone, dry A Dzone, wet B Paint Thinner, Duco A Palm Oil B Palmitic Acid B Paraffin A Paraformaldehyde A Peraul Oil Pentachlorophenol (PCP) A Pentane (amyl hydride) C5H12 B Peppermint Oil D	Oils: Neatsfoot	Α
Oils: Palm  Oils: Peanut  Oils: Peppermint  Dils: Pine  A Oils: Pine  A Oils: Rosin  B Oils: Sesame Seed  A Oils: Silicone  A Oils: Soybean  B Oils: Transformer  A Oils: Tung (China Wood Oil)  A Oils: Vegetable  B Oleic Acid  A Olive Oil  A Oxalic Acid, cold  A Oxaygen Gas  A Ozone, dry  A Ozone, wet  B Paint Thinner, Duco  A Palm Oil  B Paraffin  A Paraformaldehyde  A Pentachlorophenol (PCP)  A Pentane (amyl hydride) C5H12  B Popepermint Oil  D	Oils: Olive	Α
Oils: Peanut Oils: Peppermint D Oils: Pine A Oils: Rosin B Oils: Sesame Seed A Oils: Silicone A Oils: Soybean B Oils: Transformer A Oils: Tung (China Wood Oil) A Oils: Turbine A Oils: Vegetable B Oleic Acid A Olive Oil A Orange Oil A Oxalic Acid, cold A Oxygen Gas A Ozone, dry A Ozone, wet B Paint Thinner, Duco A Palm Oil B Paraffin A Paraformaldehyde A Peanut Oil A Pentachlorophenol (PCP) A Pentane (amyl hydride) C5H12 B Peppermint Oil D	Oils: Orange	Α
Oils: Peppermint D Oils: Pine A Oils: Rosin B Oils: Sesame Seed A Oils: Silicone A Oils: Soybean B Oils: Transformer A Oils: Tung (China Wood Oil) A Oils: Turbine A Oils: Vegetable B Oleic Acid A Olive Oil A Orange Oil A Oxalic Acid, cold A Oxygen Gas A Ozone, dry A Ozone, wet B Paint Thinner, Duco A Palm Oil B Palmitic Acid B Paraffin A Paraformaldehyde A Paraldehyde A Pentachloroethane (pentalin) D Pentachlorophenol (PCP) A Pentane (amyl hydride) C5H12 B Peppermint Oil	Oils: Palm	В
Oils: Pine Oils: Rosin B Oils: Sesame Seed A Oils: Silicone A Oils: Soybean B Oils: Transformer A Oils: Tung (China Wood Oil) A Oils: Turbine A Oils: Vegetable B Oleic Acid A Olive Oil A Orange Oil A Oxalic Acid, cold A Oxygen Gas A Ozone, dry A Ozone, wet B Paint Thinner, Duco A Palm Oil B Palmitic Acid B Paraffin A Paraformaldehyde A Peraldehyde A Pentachloroethane (pentalin) Pentachlorophenol (PCP) A Pentane (amyl hydride) C5H12 B Peppermint Oil D	Oils: Peanut	Α
Oils: Rosin  Oils: Sesame Seed  A Oils: Silicone  A Oils: Soybean  B Oils: Transformer  A Oils: Tung (China Wood Oil)  A Oils: Turbine  A Oils: Vegetable  B Oleic Acid  A Olive Oil  A Orange Oil  A Oxalic Acid, cold  A Oxygen Gas  A Ozone, dry  A Ozone, wet  B Paint Thinner, Duco  A Palm Oil  B Paraffin  A Paraformaldehyde  A Paraldehyde  A Pentachloroethane (pentalin)  Pentane (amyl hydride) C5H12  B Peppermint Oil  B Palmitic Acid  B Peppermint Oil  D	Oils: Peppermint	D
Oils: Sesame Seed  Oils: Silicone  Oils: Soybean  B  Oils: Transformer  A  Oils: Tung (China Wood Oil)  A  Oils: Turbine  A  Oils: Vegetable  B  Oleic Acid  A  Olive Oil  A  Oxalic Acid, cold  A  Oxagen Gas  A  Ozone, dry  A  Ozone, wet  B  Paint Thinner, Duco  A  Palm Oil  B  Paraffin  A  Paraformaldehyde  A  Peanut Oil  Pentachloroethane (pentalin)  Pentachlorophenol (PCP)  A  Pentane (amyl hydride) C5H12  B  Peppermint Oil  A	Oils: Pine	Α
Oils: Silicone Oils: Soybean B Oils: Transformer A Oils: Tung (China Wood Oil) A Oils: Turbine A Oils: Vegetable B Oleic Acid A Olive Oil A Orange Oil A Oxalic Acid, cold A Oxygen Gas A Ozone, dry A Ozone, wet B Paint Thinner, Duco A Palm Oil B Palmitic Acid B Paraffin A Paraformaldehyde A Peanut Oil Pentachloroethane (pentalin) Pentachlorophenol (PCP) A Peppermint Oil B Palmit Cid B Peppermint Oil D	Oils: Rosin	В
Oils: Soybean Oils: Transformer A Oils: Tung (China Wood Oil) A Oils: Turbine A Oils: Vegetable B Oleic Acid A Olive Oil A Orange Oil A Oxalic Acid, cold A Oxygen Gas A Ozone, dry A Ozone, wet B Paint Thinner, Duco A Palm Oil B Palmitic Acid B Paraffin A Paraformaldehyde A Pentachloroethane (pentalin) Pentachlorophenol (PCP) A Pentane (amyl hydride) C5H12 B Peppermint Oil  A Oils: Turbiner A A A A B B B Coils: Turbine A A A B B B Coils: Turbine A A A A A A B B Coils: Turbine A A A A A A Coils: Turbine A A A B B Coils: Turbine A A A A Coils: Turbine A A Coils: Turbine A A Coils: Turbine A A	Oils: Sesame Seed	Α
Oils: Transformer  Oils: Tung (China Wood Oil)  A  Oils: Turbine  A  Oils: Vegetable  B  Oleic Acid  A  Olive Oil  A  Oxalic Acid, cold  A  Oxalic Acid, cold  A  Ozone, dry  A  Ozone, wet  B  Paint Thinner, Duco  Palm Oil  B  Paraffin  A  Paraformaldehyde  Paraldehyde  Peanut Oil  Pentachloroethane (pentalin)  Pentachlorophenol (PCP)  Pentane (amyl hydride) C5H12  B  Polis: Tung (China Wood Oil)  A  A  A  A  A  A  A  A  A  A  A  A  A	Oils: Silicone	Α
Oils: Tung (China Wood Oil)  Oils: Turbine  A  Oils: Vegetable  B  Oleic Acid  A  Olive Oil  A  Orange Oil  A  Oxalic Acid, cold  A  Oxygen Gas  A  Ozone, dry  A  Ozone, wet  B  Paint Thinner, Duco  A  Palm Oil  B  Paraffin  A  Paraformaldehyde  A  Pentachloroethane (pentalin)  Pentachlorophenol (PCP)  A  Oils: Turbine  A  A  A  A  A  A  A  A  A  A  A  A  A	Oils: Soybean	В
Oils: Turbine A Oils: Vegetable B Oleic Acid A Olive Oil A Orange Oil A Oxalic Acid, cold A Oxygen Gas A Ozone, dry A Ozone, wet B Paint Thinner, Duco A Palm Oil B Palmitic Acid B Paraffin A Paraformaldehyde A Peanut Oil A Pentachloroethane (pentalin) D Pentachlorophenol (PCP) A Peppermint Oil D	Oils: Transformer	Α
Oils: Vegetable Oleic Acid A Olive Oil A Orange Oil A Oxalic Acid, cold A Oxygen Gas A Ozone, dry A Ozone, wet B Paint Thinner, Duco A Palm Oil B Paraffin A Paraformaldehyde A Peanut Oil A Pentachlorophenol (PCP) A Pentane (amyl hydride) C5H12 B Peppermint Oil A A Oxerage Oil A A A A A A A A A A A A A A A A A A A	Oils: Tung (China Wood Oil)	Α
Oleic Acid A Olive Oil A Orange Oil A Oxalic Acid, cold A Oxygen Gas A Ozone, dry A Ozone, wet B Paint Thinner, Duco A Palm Oil B Palmitic Acid B Paraffin A Paraformaldehyde A Paraldehyde A Peanut Oil A Pentachloroethane (pentalin) D Pentachlorophenol (PCP) A Peppermint Oil D	Oils: Turbine	Α
Olive Oil A Orange Oil A Oxalic Acid, cold A Oxygen Gas A Ozone, dry A Ozone, wet B Paint Thinner, Duco A Palm Oil B Palmitic Acid B Paraffin A Paraformaldehyde A Paraldehyde A Peanut Oil A Pentachloroethane (pentalin) D Pentachlorophenol (PCP) A Peppermint Oil D	Oils: Vegetable	В
Orange Oil A Oxalic Acid, cold A Oxygen Gas A Ozone, dry A Ozone, wet B Paint Thinner, Duco A Palm Oil B Palmitic Acid B Paraffin A Paraformaldehyde A Paraldehyde A Peanut Oil A Pentachloroethane (pentalin) D Pentachlorophenol (PCP) A Peppermint Oil D	Oleic Acid	Α
Oxalic Acid, cold  Oxygen Gas  A Ozone, dry  A Ozone, wet  B Paint Thinner, Duco  A Palm Oil  B Palmitic Acid  B Paraffin  A Paraformaldehyde  A Paraldehyde  A Peanut Oil  A Pentachloroethane (pentalin)  Pentachlorophenol (PCP)  A Peppermint Oil  B A	Olive Oil	Α
Oxygen Gas  Ozone, dry  A  Ozone, wet  B  Paint Thinner, Duco  A  Palm Oil  B  Palmitic Acid  B  Paraffin  A  Paraformaldehyde  A  Paraldehyde  A  Pentachloroethane (pentalin)  Pentachlorophenol (PCP)  A  Peppermint Oil  D	Orange Oil	Α
Ozone, dry Ozone, wet B Paint Thinner, Duco A Palm Oil B Palmitic Acid B Paraffin A Paraformaldehyde A Paraldehyde A Peanut Oil A Pentachloroethane (pentalin) Pentachlorophenol (PCP) A Peppermint Oil D	Oxalic Acid, cold	Α
Ozone, wet B Paint Thinner, Duco A Palm Oil B Palmitic Acid B Paraffin A Paraformaldehyde A Paraldehyde A Peanut Oil A Pentachloroethane (pentalin) D Pentachlorophenol (PCP) A Peppermint Oil D	Oxygen Gas	Α
Paint Thinner, Duco  Palm Oil  Palmitic Acid  Paraffin  A  Paraformaldehyde  A  Paraldehyde  A  Peanut Oil  Pentachloroethane (pentalin)  Pentachlorophenol (PCP)  A  Pentane (amyl hydride) C5H12  B  Peppermint Oil	Ozone, dry	Α
Palm OilBPalmitic AcidBParaffinAParaformaldehydeAParaldehydeAPeanut OilAPentachloroethane (pentalin)DPentachlorophenol (PCP)APentane (amyl hydride) C5H12BPeppermint OilD	Ozone, wet	В
Palmitic Acid B Paraffin A Paraformaldehyde A Paraldehyde A Peanut Oil A Pentachloroethane (pentalin) D Pentachlorophenol (PCP) A Pentane (amyl hydride) C5H12 B Peppermint Oil D	Paint Thinner, Duco	Α
Paraffin A Paraformaldehyde A Paraldehyde A Peanut Oil A Pentachloroethane (pentalin) D Pentachlorophenol (PCP) A Pentane (amyl hydride) C5H12 B Peppermint Oil D	Palm Oil	В
Paraformaldehyde A Paraldehyde A Peanut Oil A Pentachloroethane (pentalin) D Pentachlorophenol (PCP) A Pentane (amyl hydride) C5H12 B Peppermint Oil D	Palmitic Acid	В
Paraldehyde A  Peanut Oil A  Pentachloroethane (pentalin) D  Pentachlorophenol (PCP) A  Pentane (amyl hydride) C5H12 B  Peppermint Oil D	Paraffin	Α
Peanut Oil A Pentachloroethane (pentalin) D Pentachlorophenol (PCP) A Pentane (amyl hydride) C5H12 B Peppermint Oil D	Paraformaldehyde	Α
Pentachloroethane (pentalin)  Pentachlorophenol (PCP)  A  Pentane (amyl hydride) C5H12  B  Peppermint Oil  D	Paraldehyde	Α
Pentachlorophenol (PCP) A  Pentane (amyl hydride) C5H12 B  Peppermint Oil D	Peanut Oil	Α
Pentane (amyl hydride) C5H12 B Peppermint Oil D	Pentachloroethane (pentalin)	D
Peppermint Oil D	Pentachlorophenol (PCP)	Α
	Pentane (amyl hydride) C5H12	В
Peracetic Acid C	Peppermint Oil	D
	Peracetic Acid	С

Key to General Chemical Resistance [all data based on 72  $^{\circ}$  (22  $^{\circ}$ C) ] A = Excellent

B= Good - Minor Effect, slight corrosion or discoloration

C = Fair - Moderate Effect, not recommended

D = Severe Effect, not recommended for ANY use



Chemical

ver 07-Jan-2018

Chemical	
Perchloric Acid	D
Perchloroethylene (tetrachloroethylene)	С
Peroxyacetic Acid	С
Petrolatum (petroleum jelly)	В
Petroleum	D
Petroleum Ether	В
Phenethyl Alcohol	Α
Phenol, 10%	Α
Phenol (carbolic acid)	Α
Phenyl Hydrazine	Α
Phenyl Sulfonic Acid	В
Phosphate Esters, 10%	С
Phosphoric Acid, 20%	D
Phosphoric Acid, >40%	D
Phosphoric Acid, crude	С
Phosphoric Acid, S40%	С
Phosphoric Acid Anhydride	С
Phosphorus	В
Phosphorus Oxychloride (phosphoryl chloride)	В
Phosphorus Trichloride (phosphorous trichloride)	D
Photographic Developer	С
Phthalic Acid	В
Phthalic Anhydride	Α
Picric Acid	С
Pine Oil	Α
Pineapple Juice	Α
Pinene (C <sub>10</sub> H <sub>16</sub> )	Α
Plating Solutions, Antimony	D
Plating Solutions, Arsenic	С
Plating Solutions, Brass	С
Plating Solutions, Bronze	С
Plating Solutions, Cadmium	С
Plating Solutions, Chrome	С
Plating Solutions, Copper	С
Plating Solutions, Gold	С
Key to General Chemical Resistance [all data based on 72]	° (22 °C

Cnemical	
Plating Solutions, Indium	С
Plating Solutions, Iron	С
Plating Solutions, Lead	С
Plating Solutions, Nickel	С
Plating Solutions, Silver	С
Plating Solutions, Tin	С
Plating Solutions, Zinc	С
Polyvinyl Acetate	В
Polyvinyl Chloride	В
Potash (potassium carbonate)	D
Potassium Acetate	D
Potassium Bicarbonate	D
Potassium Bichromate	В
Potassium Bisulfate	А
Potassium Bisulfite	В
Potassium Bromide	С
Potassium Carbonate (potash)	D
Potassium Chlorate	В
Potassium Chloride	D
Potassium Chromate	В
Potassium Cyanide Solutions	D
Potassium Dichromate	D
Potassium Ferricyanide	В
Potassium Ferrocyanide	В
Potassium Hydroxide (caustic potash)	D
Potassium Hypochlorite	D
Potassium Iodide	В
Potassium Nitrate	В
Potassium Nitrite	В
Potassium Oxalate	В
Potassium Permanganate	В
Potassium Phosphate, dibasic	В
Potassium Phosphate, monobasic	D
Potassium Phosphate, tribasic	D
Potassium Silicate	В

Key to General Chemical Resistance [all data based on 72 ° (22 °C) ]

A = Excellent

C = Fair - Moderate Effect, not recommended

B= Good - Minor Effect, slight corrosion or discoloration

D = Severe Effect, not recommended for ANY use



ver 07-Jan-2018

Cnemical	
Potassium Sulfate	С
Potassium Sulfide	D
Potassium Sulfite	Α
Propane, gas	Α
Propane, liquefied	Α
Propanol (propyl alcohol)	Α
Propionaldehyde (propanol)	Α
Propionic Acid	Α
Propyl Acetate	Α
Propyl Alcohol	Α
Propyl Bromide	В
Propyl Nitrate	В
Propylene (C3H6, propene, methyl ethylene)	Α
Propylene Dichloride	D
Propylene Glycol	С
Propylene Oxide	В
Pyridine (C5H5N)	В
Pyrogallic Acid	В
Pyroligneous Acid	В
Quench Oil	Α
Quinine Sulphate, dry	D
Quinine Bisulphate, dry	D
Quinine Sulphate, dry	D
Resorcin, Resorcinol (C6H6O2)	Α
Road Tar	Α
Roof Pitch	Α
Rosin Emulsion	Α
Rosin Oil	В
Rosin, paper mill	Α
Rosins	В
Rubber Latex Emulsions	С
Rubber Solvents	В
Rum	С
Sal Soda	D
Salad Dressings	В
Key to General Chemical Resistance [all data based on 72	2 ° (22 °C)

Salicylic Acid B Salt Brine (NaCl saturated) C Salt Water D Sauerkraut Brine A Sea Water B Sesame Seed Oil A Sewage D Shellac, bleached A Shellac, orange A Silicone A Silicone Oils B Silver Bromide D Silver Chloride D Silver Cyanide D Silver Nitrate D Soap Solutions, stearates C Soda Ash (sodium carbonate) D Sodium Acetate C Sodium Benzoate A Sodium Bisulfate, 10% D Sodium Borate (Borax) C Sodium Cryanide D Sodium Carbonate D Sodium Bromide C Sodium Bisulfate, 10% D Sodium Bromide D Sodium Bromide D Sodium Bromide D Sodium Carbonate (Borax) C Sodium Chlorate C Sodium Chlorate C Sodium Chromate B Sodium Cryanide B Sodium Cryanide B Sodium Cryanide B Sodium Ferrocyanide A Sodium Ferrocyanide B Sodium Ferrocyanide B Sodium Ferrocyanide B Sodium Fluoride B	Chemical	
Salt Water D Sauerkraut Brine A Sea Water B Sesame Seed Oil A Sewage D Shellac, bleached A Shellac, orange A Silicone A Silicone Oils B Silver Bromide D Silver Chloride D Silver Cyanide D Soap Solutions, stearates C Soda Ash (sodium carbonate) D Sodium Acetate C Sodium Aluminate B Sodium Benzoate A Sodium Bisulfate, 10% D Sodium Borate (Borax) C Sodium Carbonate D Sodium Carbonate D Sodium Carbonate D Sodium Borate (Borax) C Sodium Carbonate D Sodium Carbonate D Sodium Carbonate D Sodium Bisulfate, 10% C Sodium Bisulfate, 10% C Sodium Bisulfate D Sodium Borate (Borax) C Sodium Carbonate D Sodium Chloride C Sodium Chromate B Sodium Chromate B Sodium Cyanide D Sodium Ferrocyanide A	Salicylic Acid	В
Sauerkraut Brine B Sea Water B Sesame Seed Oil A Sewage D Shellac, bleached A Shellac, orange A Silicone A Silicone Oils B Silver Bromide D Silver Chloride D Silver Cyanide D Soap Solutions, stearates C Soda Ash (sodium carbonate) D Sodium Acetate C Sodium Bicarbonate (Baking Soda) D Sodium Bicarbonate (Baking Soda) D Sodium Borate (Borax) C Sodium Carbonate D Sodium Carbonate D Sodium Borate (Borax) C Sodium Carbonate D Sodium Carbonate D Sodium Carbonate D Sodium Borate (Borax) C Sodium Carbonate D Sodium Chloride C Sodium Chloride C Sodium Chromate B	Salt Brine (NaCl saturated)	С
Sea Water B Sesame Seed Oil A Sewage D Shellac, bleached A Shellac, orange A Silicone Oils B Silver Bromide D Silver Chloride D Silver Cyanide D Silver Nitrate D Soap Solutions, stearates C Soda Ash (sodium carbonate) D Sodium Acetate C Sodium Benzoate A Sodium Bicarbonate (Baking Soda) D Sodium Bicarbonate (Baking Soda) D Sodium Bicarbonate (Borax) C Sodium Borate (Borax) C Sodium Carbonate D Sodium Carbonate B Sodium Chloride C Sodium Chloride C Sodium Chromate B Sodium Ferrocyanide A	Salt Water	D
Sesame Seed Oil A Sewage D Shellac, bleached A Shellac, orange A Silicone A Silicone Oils B Silver Bromide D Silver Chloride D Silver Cyanide D Soap Solutions, stearates C Soda Ash (sodium carbonate) D Sodium Acetate C Sodium Bicarbonate (Baking Soda) D Sodium Bisulfate, 10% D Sodium Borate (Borax) C Sodium Carbonate D Sodium Carbonate D Sodium Carbonate D Sodium Borate (Borax) C Sodium Chloride D Sodium Chromate B	Sauerkraut Brine	Α
Sewage D Shellac, bleached A Shellac, orange A Silicone A Silicone Oils B Silver Bromide D Silver Chloride D Silver Cyanide D Silver Nitrate D Soap Solutions, stearates C Soda Ash (sodium carbonate) D Sodium Acetate C Sodium Aluminate B Sodium Benzoate A Sodium Bicarbonate (Baking Soda) D Sodium Bisulfate, 10% D Sodium Bisulfite, 10% D Sodium Borate (Borax) C Sodium Carbonate D Sodium Carbonate D Sodium Carbonate D Sodium Carbonate D Sodium Borate (Borax) C Sodium Chlorate C Sodium Chlorate D Sodium Chlorate D Sodium Chlorate D Sodium Chromate B Sodium Cyanide D Sodium Ferrocyanide A	Sea Water	В
Shellac, bleached Shellac, orange A Silicone A Silicone Silver Bromide D Silver Chloride D Silver Cyanide D Silver Nitrate D Soap Solutions, stearates C Soda Ash (sodium carbonate) D Sodium Acetate C Sodium Aluminate B Sodium Benzoate A Sodium Bicarbonate (Baking Soda) D Sodium Bisulfate, 10% D Sodium Borate (Borax) C Sodium Carbonate D Sodium Carbonate D Sodium Carbonate D Sodium Bisulfite, 10% D Sodium Bisulfite, 10% D Sodium Borate (Borax) C Sodium Chlorate D Sodium Chlorate C Sodium Chlorate D Sodium Chlorate D Sodium Chlorate D Sodium Cryanide D Sodium Ferrocyanide A Sodium Ferrocyanide A Sodium Fluoride B	Sesame Seed Oil	Α
Shellac, orange  Silicone  A Silicone Oils  B Silver Bromide  D Silver Chloride  D Silver Cyanide  D Silver Nitrate  D Soap Solutions, stearates  C Soda Ash (sodium carbonate)  D Sodium Acetate  C Sodium Aluminate  B Sodium Benzoate  A Sodium Bicarbonate (Baking Soda)  D Sodium Bisulfate, 10%  D Sodium Bisulfite, 10%  D Sodium Borate (Borax)  C Sodium Carbonate  C Sodium Chlorate  C Sodium Chromate  B Sodium Chromate  B Sodium Chromate  C Sodium Chromate  B Sodium Ferrocyanide  A Sodium Fluoride	Sewage	D
Silicone Oils B Silver Bromide D Silver Chloride D Silver Cyanide D Silver Nitrate D Soap Solutions, stearates C Soda Ash (sodium carbonate) D Sodium Acetate C Sodium Aluminate B Sodium Benzoate A Sodium Bicarbonate (Baking Soda) D Sodium Bisulfate, 10% D Sodium Bisulfite, 10% D Sodium Borate (Borax) C Sodium Carbonate D Sodium Carbonate D Sodium Chlorate C Sodium Chloride C Sodium Chromate B	Shellac, bleached	Α
Silicone Oils Silver Bromide D Silver Chloride D Silver Cyanide D Silver Nitrate D Soap Solutions, stearates C Soda Ash (sodium carbonate) D Sodium Acetate C Sodium Aluminate B Sodium Bicarbonate (Baking Soda) D Sodium Bisulfate, 10% D Sodium Bisulfite, 10% D Sodium Borate (Borax) C Sodium Carbonate D Sodium Carbonate D Sodium Chlorate C Sodium Chromate B Sodium Chromate B Sodium Cyanide D Sodium Ferrocyanide A Sodium Ferrocyanide A Sodium Fluoride B	Shellac, orange	Α
Silver Bromide D Silver Chloride D Silver Cyanide D Silver Nitrate D Soap Solutions, stearates C Soda Ash (sodium carbonate) D Sodium Acetate C Sodium Aluminate B Sodium Benzoate A Sodium Bicarbonate (Baking Soda) D Sodium Bisulfate, 10% D Sodium Bisulfate, 10% D Sodium Borate (Borax) C Sodium Bromide D Sodium Carbonate D Sodium Chlorate C Sodium Chlorate B Sodium Chromate B	Silicone	Α
Silver Chloride D Silver Cyanide D Silver Nitrate D Soap Solutions, stearates C Soda Ash (sodium carbonate) D Sodium Acetate C Sodium Aluminate B Sodium Benzoate A Sodium Bicarbonate (Baking Soda) D Sodium Bisulfate, 10% D Sodium Bisulfate, 10% D Sodium Borate (Borax) C Sodium Bromide D Sodium Carbonate C Sodium Chlorate C Sodium Chloride C Sodium Chromate B	Silicone Oils	В
Silver CyanideDSilver NitrateDSoap Solutions, stearatesCSoda Ash (sodium carbonate)DSodium AcetateCSodium AluminateBSodium BenzoateASodium Bicarbonate (Baking Soda)DSodium BichromateCSodium Bisulfate, 10%DSodium Bisulfite, 10%DSodium Borate (Borax)CSodium BromideDSodium CarbonateDSodium ChlorateCSodium ChlorateCSodium ChromateBSodium CitrateDSodium CyanideDSodium FerrocyanideASodium FluorideB	Silver Bromide	D
Silver Nitrate D Soap Solutions, stearates C Soda Ash (sodium carbonate) D Sodium Acetate C Sodium Aluminate B Sodium Benzoate A Sodium Bicarbonate (Baking Soda) D Sodium Bichromate C Sodium Bisulfate, 10% D Sodium Bisulfate, 10% D Sodium Borate (Borax) C Sodium Bromide D Sodium Carbonate C Sodium Carbonate D Sodium Chlorate C Sodium Chlorate C Sodium Chromate B Sodium Chromate D Sodium Chromate B Sodium Chromate B Sodium Chromate D Sodium Chromate B	Silver Chloride	D
Soap Solutions, stearatesCSoda Ash (sodium carbonate)DSodium AcetateCSodium AluminateBSodium BenzoateASodium Bicarbonate (Baking Soda)DSodium BichromateCSodium Bisulfate, 10%DSodium Bisulfite, 10%DSodium Borate (Borax)CSodium BromideDSodium CarbonateDSodium ChlorateCSodium ChromateBSodium ChromateBSodium CyanideDSodium FerrocyanideASodium FluorideB	Silver Cyanide	D
Soda Ash (sodium carbonate)DSodium AcetateCSodium AluminateBSodium BenzoateASodium Bicarbonate (Baking Soda)DSodium BichromateCSodium Bisulfate, 10%DSodium Bisulfite, 10%DSodium Borate (Borax)CSodium BromideDSodium CarbonateDSodium ChlorateCSodium ChlorideCSodium ChromateBSodium CitrateDSodium CyanideDSodium FerrocyanideASodium FluorideB	Silver Nitrate	D
Sodium AcetateCSodium AluminateBSodium BenzoateASodium Bicarbonate (Baking Soda)DSodium BichromateCSodium Bisulfate, 10%DSodium Bisulfite, 10%DSodium Borate (Borax)CSodium BromideDSodium CarbonateDSodium ChlorateCSodium ChlorideCSodium ChromateBSodium CitrateDSodium CyanideDSodium FerrocyanideASodium FluorideB	Soap Solutions, stearates	С
Sodium AluminateBSodium BenzoateASodium Bicarbonate (Baking Soda)DSodium BichromateCSodium Bisulfate, 10%DSodium Bisulfite, 10%DSodium Borate (Borax)CSodium BromideDSodium CarbonateDSodium ChlorateCSodium ChlorideCSodium ChromateBSodium CyanideDSodium FerrocyanideASodium FluorideB	Soda Ash (sodium carbonate)	D
Sodium Benzoate A Sodium Bicarbonate (Baking Soda) D Sodium Bichromate C Sodium Bisulfate, 10% D Sodium Bisulfite, 10% D Sodium Borate (Borax) C Sodium Bromide D Sodium Carbonate D Sodium Chlorate C Sodium Chlorate C Sodium Chromate B Sodium Chromate D Sodium Chromate B Sodium Chromate D Sodium Chromate B	Sodium Acetate	С
Sodium Bicarbonate (Baking Soda)  Sodium Bichromate  C Sodium Bisulfate, 10%  D Sodium Bisulfite, 10%  Sodium Borate (Borax)  C Sodium Bromide  D Sodium Carbonate  D Sodium Chlorate  C Sodium Chromate  B Sodium Chromate  B Sodium Citrate  D Sodium Cyanide  Sodium Ferrocyanide  A Sodium Fluoride  B	Sodium Aluminate	В
Sodium Bichromate       C         Sodium Bisulfate, 10%       D         Sodium Bisulfite, 10%       D         Sodium Borate (Borax)       C         Sodium Bromide       D         Sodium Carbonate       D         Sodium Chlorate       C         Sodium Chloride       C         Sodium Chromate       B         Sodium Citrate       D         Sodium Cyanide       D         Sodium Ferrocyanide       A         Sodium Fluoride       B	Sodium Benzoate	Α
Sodium Bisulfate, 10%DSodium Bisulfite, 10%DSodium Borate (Borax)CSodium BromideDSodium CarbonateDSodium ChlorateCSodium ChlorideCSodium ChromateBSodium CitrateDSodium CyanideDSodium FerrocyanideASodium FluorideB	Sodium Bicarbonate (Baking Soda)	D
Sodium Bisulfite, 10%DSodium Borate (Borax)CSodium BromideDSodium CarbonateDSodium ChlorateCSodium ChlorideCSodium ChromateBSodium CitrateDSodium CyanideDSodium FerrocyanideASodium FluorideB	Sodium Bichromate	С
Sodium Borate (Borax)       C         Sodium Bromide       D         Sodium Carbonate       D         Sodium Chlorate       C         Sodium Chloride       C         Sodium Chromate       B         Sodium Citrate       D         Sodium Cyanide       D         Sodium Ferrocyanide       A         Sodium Fluoride       B	Sodium Bisulfate, 10%	D
Sodium BromideDSodium CarbonateDSodium ChlorateCSodium ChlorideCSodium ChromateBSodium CitrateDSodium CyanideDSodium FerrocyanideASodium FluorideB	Sodium Bisulfite, 10%	D
Sodium CarbonateDSodium ChlorateCSodium ChlorideCSodium ChromateBSodium CitrateDSodium CyanideDSodium FerrocyanideASodium FluorideB	Sodium Borate (Borax)	С
Sodium ChlorateCSodium ChlorideCSodium ChromateBSodium CitrateDSodium CyanideDSodium FerrocyanideASodium FluorideB	Sodium Bromide	D
Sodium ChlorideCSodium ChromateBSodium CitrateDSodium CyanideDSodium FerrocyanideASodium FluorideB	Sodium Carbonate	D
Sodium ChromateBSodium CitrateDSodium CyanideDSodium FerrocyanideASodium FluorideB	Sodium Chlorate	С
Sodium CitrateDSodium CyanideDSodium FerrocyanideASodium FluorideB	Sodium Chloride	С
Sodium CyanideDSodium FerrocyanideASodium FluorideB	Sodium Chromate	В
Sodium Ferrocyanide A Sodium Fluoride B	Sodium Citrate	D
Sodium Fluoride B	Sodium Cyanide	D
	Sodium Ferrocyanide	Α
Sodium Hydrosulfite A	Sodium Fluoride	В
	Sodium Hydrosulfite	Α

Key to General Chemical Resistance [all data based on 72 ° (22 °C) ]

A = Excellent

Chemical

C = Fair - Moderate Effect, not recommended

B= Good - Minor Effect, slight corrosion or discoloration

D = Severe Effect, not recommended for ANY use



ver 07-Jan-2018

Chemical	
Sodium Hydroxide, 20%	D
Sodium Hydroxide, 50%	D
Sodium Hydroxide, 80%	D
Sodium Hypochlorite, <20%	D
Sodium Hypochlorite, 100%	D
Sodium Hyposulfate	D
Sodium Hyposulfite	D
Sodium Lactate	D
Sodium Metaphosphate	С
Sodium Metasilicate	D
Sodium Nitrate	В
Sodium Nitrite	Α
Sodium Perborate	С
Sodium Peroxide	С
Sodium Phosphate, dibasic	D
Sodium Phosphate, monobasic	D
Sodium Phosphate, tribasic	D
Sodium Polyphosphate	D
Sodium Silicate (water glass)	Α
Sodium Sulfate (salt cake, thenardite)	Α
Sodium Sulfide	D
Sodium Sulfite	С
Sodium Tetraborate	С
Sodium Thiosulfate, hypo	Α
Sodium Triphosphate	В
Sorghum Molasses	Α
Soy Sauce	Α
Soybean Oil	В
Stannic Chloride	D
Stannous Fluoborate	D
Stannous Chloride	D
Starch	Α
Stearic Acid	В
Stoddard's Solvent	Α
Styrene (vinyl benzene) C6H5CHCH2	Α
Key to General Chemical Resistance [all data based on 72 °	(22 °C

Sugar Liquids Sugar Syrups and Jam Sulfate Black Liquor Sulfate Green Liquor	A B D D D D D D D
Sugar Syrups and Jam  Sulfate Black Liquor  Sulfate Green Liquor	B D D D
Sulfate Black Liquor  Sulfate Green Liquor	D D D
Sulfate Green Liquor	D D D
•	D D D
Sulfate White Liquor	D D
	D
Sulfite Liquors	
Sulfur Chloride	<u> </u>
Sulfur Dioxide E	В
Sulfur Dioxide, dry	В
Sulfur Dioxide, wet	A
Sulfur Hexafluoride	A
Sulfur Trioxide, dry	A
Sulfuric Acid, <10%	D
Sulfuric Acid, 10-75%	D
Sulfuric Acid, 75-100%	D
Sulfuric Acid, cold concentrated	В
Sulfurous Acid E	В
Syrup A	A
Tall Oil (liquid rosin, tallol)	С
Tallow	Α
Tannic Acid (tannin)	С
Tanning Liquors	Α
Tanning Oils	Α
Tar, bituminous	Α
Tartaric Acid E	В
Terpene Monocyclic	Α
Terpineol A	Α
Tetrachloroethane	С
Tetrachloroethylene	D
Tetraethyl Lead E	В
Tetrahydrofuran [	D
Tetralin A	Α
Tetraphosphoric Acid	D
Thionyl Chloride	D

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Chemical

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Chemical	
Tin Salts	D
Tin Tetrachloride	D
Titanium Tetrachloride	D
Toluene (toluol)	Α
Toluidine	А
Tomato Juice	Α
Tomato Pulp and Juice	В
Transformer Oils	Α
Transmission Fluid, type A	Α
Triacetin	В
Tributyl Phosphate	А
Trichloroacetic Acid	D
Trichlorobenzenes	D
Trichloroethane	D
Trichloroethylene (ethylene trichloride)	D
Trichloromonofluoroethane (Freon 17)	А
Trichloropropane	D
Trichlorotrifluoroethane (Freon 113)	Α
Tricresyl Phosphate	D
Triethanolamine (Triethanol Amine)	В
Triethyl Phosphate	А
Trimethylene Glycol	Α
Trisodium Phosphate	D
Tung Oil (China Wood Oil)	Α
Turpentine (C10H16)	А
Urea (carbamide)	В
Uric Acid	D
Urine	В
Valeric Acid	А

Chemical	
Varnish	Α
Vegetable Juices	D
Vegetable Oils	В
Vinegar	D
Vinyl Acetate	А
Vinyl Chloride (chloroethylene)	D
Vinylidene Chloride	А
Water, acid mine	D
Water, deionized	А
Water, distilled	А
Water, fresh	В
Water, salt	В
Waxes	А
Weed Killers	D
Whey	В
Whiskeys	С
White Liquor (Pulp Mill)	В
Wines	С
Wood Oil	А
Wort, distillery	А
Xylene (xylol, dimethylbenzene)	А
Xylidines (xylidin)	В
Zinc Acetate	С
Zinc Bromide	D
Zinc Carbonate	В
Zinc Chloride	D
Zine Hydrosulfite	D
Zinc Sulfate	D

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