



Chemical Compatibility Guide for: Teflon Component for Pump

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TEFLON (A-J)

Chemical Compatibility

<u>CHEMICAL</u>	<u>EFFECT</u>
1-Butene, 2-Ethyl -----	No Effect
1-Chloronaphthalene -----	No Effect
1-Nitropropane -----	No Effect
Acetaldehyde -----	Minor Effect
Acetamide -----	No Effect
Acetate Solvents -----	No Effect
Acetic Acid -----	No Effect
Acetic Acid 100% Boiling -----	No Effect
Acetic Acid Vapors - 100% (Hot) -----	No Effect
Acetic Acid, 100% Solution -----	No Effect
Acetic Acid, 20% -----	No Effect
Acetic Acid, 30% -----	No Effect
Acetic Acid, 5% -----	No Effect
Acetic Acid, 50% -----	No Effect
Acetic Acid, 50% Boiling -----	No Effect
Acetic Acid, 80% -----	No Effect
Acetic Acid, 80% Boiling -----	No Effect
Acetic Acid, Crude -----	No Effect
Acetic Acid, Glacial -----	No Effect
Acetic Anhydride -----	No Effect
Acetic Anhydride (Boiling) -----	No Effect
Acetone -----	No Effect
Acetone Cyanohydrin -----	No Effect
Acetonitrile (Methyl Cyanide) -----	No Effect
Acetophenone -----	No Effect
Acetyl Acetone -----	No Effect
Acetyl Chloride -----	No Effect
Acetyl Salicylic Acid -----	No Effect
Acetylene (Ethyne) -----	No Effect

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Acetylene Tetrabromide -----	No Effect
Acid (Mild) -----	No Effect
Acid Mine Water -----	No Effect
Acids (Concentrated) -----	No Effect
Acrolein (Acrylaldehyde) -----	No Effect
Acrylonitrile -----	No Effect
Adipic Acid -----	No Effect
Aero Lubriplate -----	No Effect
Aerosafe 2300 -----	No Effect
Aerosafe 2300W -----	No Effect
Aeroshell 17 Grease -----	No Effect
Aeroshell 1AC -----	No Effect
Aeroshell 750 -----	No Effect
Aeroshell 7A Grease -----	No Effect
Air -----	No Effect
Alcohol -----	No Effect
Alcohol, Amyl -----	No Effect
Alcohol, Benzyl -----	No Effect
Alcohol, Butyl -----	No Effect
Alcohol, Diacetone -----	No Effect
Alcohol, Ethyl -----	No Effect
Alcohol, Hexyl -----	No Effect
Alcohol, Isobutyl -----	No Effect
Alcohol, Isopropyl -----	No Effect
Alcohol, Methyl -----	No Effect
Alcohol, Octyl -----	No Effect
Alcohol, Octyl -----	No Effect
Alcohol, Propyl -----	No Effect
Alkaline Solutions -----	No Effect
Alkazene -----	No Effect
Allyl Alcohol -----	No Effect
Allyl Bromide -----	No Effect
Allyl Chloride -----	No Effect
Almond Oil -----	No Effect
Alum -----	No Effect
Aluminum (Chrome 5% Sol.) -----	No Effect
Aluminum Acetate -----	No Effect
Aluminum Ammonium Sulfate -----	No Effect

Aluminum Bromide -----	No Effect
Aluminum Chloride -----	No Effect
Aluminum Fluoride -----	No Effect
Aluminum Hydroxide -----	No Effect
Aluminum Hydroxide - Saturated -----	No Effect
Aluminum Nitrate -----	No Effect
Aluminum Nitride -----	No Effect
Aluminum Phosphate -----	No Effect
Aluminum Potassium Sulfate -----	No Effect
Aluminum Potassium Sulfate (Alum), 10% -----	No Effect
Aluminum Potassium Sulfate (Alum), 100% -----	No Effect
Aluminum Potassium Sulfate, 10% Boiling -----	No Effect
Aluminum Potassium Sulfate, 2% Solution -----	No Effect
Aluminum Potassium Sulfate, Saturated Boiling	No Effect
Aluminum Sodium Sulfate -----	No Effect
Aluminum Sulfate -----	No Effect
Alums -----	No Effect
AMERSEP MP-7 -----	No Effect
Amines -----	No Effect
Ammonia -----	No Effect
Ammonia Gas, Cold -----	No Effect
Ammonia Gas, Hot -----	No Effect
Ammonia Liquors -----	No Effect
Ammonia, 10% -----	No Effect
Ammonia, Anhydrous, Liquid -----	No Effect
Ammonia, Liquids -----	No Effect
Ammonia, Nitrate -----	No Effect
Ammonium Acetate -----	No Effect
Ammonium Bicarbonate -----	No Effect
Ammonium Bifluoride, 10% -----	No Effect
Ammonium Carbonate -----	No Effect
Ammonium Casenite -----	No Effect
Ammonium Chloride -----	No Effect
Ammonium Chloride, 1% -----	No Effect
Ammonium Chloride, 10% Solution Boiling -----	No Effect
Ammonium Chloride, 28% Solution Boiling -----	No Effect
Ammonium Chloride, 50% Solution Boiling -----	No Effect
Ammonium Cupric Sulfate -----	No Effect

Ammonium Dichromate -----	No Effect
Ammonium Diphosphate -----	No Effect
Ammonium Fluoride -----	No Effect
Ammonium Hydroxide -----	No Effect
Ammonium Hydroxide, 3 Molar -----	No Effect
Ammonium Hydroxide, Concentrated -----	No Effect
Ammonium Metaphosphate -----	No Effect
Ammonium Monophosphate -----	No Effect
Ammonium Nitrate -----	No Effect
Ammonium Nitrite -----	No Effect
Ammonium Oxalate -----	No Effect
Ammonium Oxalate, 5% Sol. -----	No Effect
Ammonium Persulfate -----	No Effect
Ammonium Persulfate, 10% -----	No Effect
Ammonium Persulfate, 5% -----	No Effect
Ammonium Phosphate -----	No Effect
Ammonium Phosphate, Di-Basic -----	No Effect
Ammonium Phosphate, Monobasic -----	No Effect
Ammonium Phosphate, Tri-Basic -----	No Effect
Ammonium Sulfate -----	No Effect
Ammonium Sulfide -----	No Effect
Ammonium Sulfite -----	No Effect
Ammonium Sulphate 1%-5% -----	No Effect
Ammonium Sulphate 10% Boiling -----	No Effect
Ammonium Sulphate Plus 5% Sulfuric Acid -----	No Effect
Ammonium Sulphate Saturated (Boiling) -----	No Effect
Ammonium Sulphite (Boiling) -----	No Effect
Ammonium Thiocyanate -----	No Effect
Ammonium Thiosulfate -----	No Effect
Ammonium Triphosphate -----	No Effect
Amyl Acetate -----	No Effect
Amyl Alcohol -----	No Effect
Amyl Borate -----	No Effect
Amyl Chloride -----	No Effect
Amyl Chloronaphthalene -----	No Effect
Amyl Naphthalene -----	No Effect
Amyl Phenol -----	No Effect
Anhydrous Ammonia -----	No Effect

Aniline -----	No Effect
Aniline Dyes -----	No Effect
Aniline Hydrochloride -----	No Effect
Aniline Oil -----	No Effect
Animal Fats & Oils -----	No Effect
Animal Gelatin -----	No Effect
Anisole -----	No Effect
Ansul Ether -----	No Effect
Anthraquinone -----	No Effect
Anti-Freeze (Alcohol Base) -----	No Effect
Anti-Freeze (Glycol Base) -----	No Effect
Antimony Pentachloride -----	No Effect
Antimony Trichloride -----	No Effect
Aqua Ammonia -----	No Effect
Aqua Regia -----	Severe Effect
Argon -----	No Effect
Arochlor 1248 -----	No Effect
Aroclor -----	No Effect
Aromatic Hydrocarbons -----	No Effect
Aromatic Solvents -----	No Effect
Arsenic Acid -----	No Effect
Arsenic Trichloride -----	No Effect
Arsenious Acid -----	No Effect
Ascorbic Acid -----	No Effect
Askarel -----	No Effect
Asphalt -----	No Effect
Asphalt Topping -----	No Effect
ASTM, Red Motor Fuel A -----	No Effect
ASTM, Red Motor Fuel B -----	No Effect
ASTM, Red Motor Fuel C -----	No Effect
ASTM, Ref #1 Oil -----	No Effect
ASTM, Ref #2 Oil -----	No Effect
ASTM, Ref #3 Oil -----	No Effect
ASTM, Ref #4 Oil -----	No Effect
Automatic Brake Fluid -----	No Effect
Automatic Transmission Fluid -----	No Effect
Automotive Gasoline (Standard) -----	No Effect
Aviation Gasoline -----	No Effect

Baking Enamels, Synthetic -----	No Effect
Banana Oil -----	No Effect
Barbeque Sauce -----	No Effect
Barium Carbonate -----	No Effect
Barium Chloride -----	No Effect
Barium Chloride Aqueous Solution (Hot) -----	No Effect
Barium Chloride Dihydrate -----	No Effect
Barium Chloride, 5% -----	No Effect
Barium Cyanide -----	No Effect
Barium Fluoride -----	No Effect
Barium Hydrate -----	No Effect
Barium Hydroxide -----	No Effect
Barium Nitrate -----	No Effect
Barium Sulfate -----	No Effect
Barium Sulfate Aqueous Solution (Hot) -----	No Effect
Barium Sulfide -----	No Effect
Beef Extract -----	No Effect
Beer -----	No Effect
Beer (Alcohol Ind.) -----	No Effect
Beer (Beverage Ind.) -----	No Effect
Beet Sugar Liquids -----	No Effect
Beet Sugar Liquors -----	No Effect
Benzaldehyde -----	No Effect
Benzene -----	No Effect
Benzene Sulfonic Acid -----	No Effect
Benzine (Gasoline) -----	No Effect
Benzoic Acid -----	No Effect
Benzol -----	No Effect
Benzoyl Chloride -----	No Effect
Benzyl Acetate -----	No Effect
Benzyl Alcohol -----	No Effect
Benzyl Benzoate -----	No Effect
Benzyl Chloride -----	No Effect
Benzyl Dichloride -----	No Effect
Biphenyl -----	No Effect
Bismuth Carbonate -----	No Effect
Bismuth Subcarbonate -----	No Effect
Black Liquor -----	No Effect

Black Sulfate Liquor -----	No Effect
Blast Furnace Gas -----	No Effect
Bleach Solutions -----	No Effect
Bleach, 12.5% Active Chlorine -----	No Effect
Bleaching Powder (Wet) -----	No Effect
Blood (Meat Juices-Cold) -----	No Effect
Borax -----	No Effect
Bordeaux Mixture -----	No Effect
Boric Acid -----	No Effect
Brake Fluid -----	No Effect
Brake Fluid (Non-Petroleum) -----	No Effect
Brass Plating, HiSpeed Brass Bath 110 F -----	No Effect
Brass Plating, Reg Brass Bath 100 F -----	No Effect
Brewery Shop -----	No Effect
Brewery Slop -----	No Effect
Brine -----	No Effect
Bromic Acid -----	No Effect
Bromine (Dry) -----	No Effect
Bromine (Wet) -----	No Effect
Bromine Pentafluoride -----	Severe Effect
Bromine Trifluoride -----	No Effect
Bromine Water -----	No Effect
Bromine, Anhydrous -----	No Effect
Bromine, Liquid -----	No Effect
Bromobenzene -----	No Effect
Bromochloromethane -----	No Effect
Bromotoluene -----	No Effect
Bronze Plating,	
Copper-Cadmium Bronze Bath R.T. -----	No Effect
Bronze Plating, Copper-Tin Bronze Bath 160 F -	No Effect
Bronze Plating, Copper-Zinc Bronze Bath 100 F	No Effect
Bronzing Liquid -----	No Effect
Bunker Oil (Fuel) #5,#6 & C -----	No Effect
Butadiene -----	No Effect
Butane -----	No Effect
Butane, 2,2-Dimethyl -----	No Effect
Butane, 2,3-Dimethyl -----	No Effect
Butanol -----	No Effect

Butanol -----	No Effect
Butter -----	No Effect
Butter - Animal Fat -----	No Effect
Buttermilk -----	No Effect
Butyl Acetate -----	No Effect
Butyl Acetyl Ricinoleate -----	No Effect
Butyl Acrylate -----	No Effect
Butyl Alcohol -----	No Effect
Butyl Amine -----	No Effect
Butyl Benzoate -----	No Effect
Butyl Bromide -----	No Effect
Butyl Butyrate -----	No Effect
Butyl Carbitol -----	No Effect
Butyl Cellosolve -----	No Effect
Butyl Chloride -----	No Effect
Butyl Ether -----	No Effect
Butyl Oleate -----	No Effect
Butyl Stearate -----	No Effect
Butylene -----	No Effect
Butyraldehyde -----	No Effect
Butyric Acid -----	No Effect
Butyric Anhydride -----	No Effect
Butyronitrile -----	No Effect
Cadmium Plating, Cyanide Bath 90 F -----	No Effect
Cadmium Plating, Fluoborate Bath 100 F -----	No Effect
Calcium Acetate Hydrate -----	No Effect
Calcium Bisulfate -----	No Effect
Calcium Bisulfide -----	No Effect
Calcium Bisulfite -----	No Effect
Calcium Carbonate -----	No Effect
Calcium Chlorate -----	No Effect
Calcium Chloride -----	No Effect
Calcium Cyanide -----	No Effect
Calcium Hydrosulfide -----	No Effect
Calcium Hydroxide -----	No Effect
Calcium Hydroxide, 10% (Boiling) -----	No Effect
Calcium Hydroxide, 20% (Boiling) -----	No Effect
Calcium Hydroxide, 50% (Boiling) -----	No Effect

Calcium Hypochlorite -----	No Effect
Calcium Nitrate -----	No Effect
Calcium Oxide -----	No Effect
Calcium Silicate -----	No Effect
Calcium Sulfate -----	No Effect
Calcium Sulfate - Saturated -----	No Effect
Calcium Sulfide -----	No Effect
Calcium Sulfite -----	No Effect
Calcium Thiosulfate -----	No Effect
Calgon -----	No Effect
Caliche Liquors -----	No Effect
Camphor -----	No Effect
Cane Juice -----	No Effect
Cane Sugar Liquors -----	No Effect
Capryl Alcohol -----	No Effect
Caprylic Acid -----	No Effect
Caprylic Acid (Caprillic Acid) -----	No Effect
Carbamate -----	No Effect
Carbitol -----	No Effect
Carbolic Acid -----	No Effect
Carbon Bisulfide -----	No Effect
Carbon Dioxide -----	No Effect
Carbon Dioxide, Wet -----	No Effect
Carbon Disulfide -----	No Effect
Carbon Monoxide -----	No Effect
Carbon Tetrachloride -----	No Effect
Carbon Tetrachloride-Aqueous Solution 5%-10% -	No Effect
Carbon Tetrachloride-Pure -----	No Effect
Carbonate of Soda -----	No Effect
Carbonated Beverages -----	No Effect
Carbonated Water -----	No Effect
Carbonic Acid -----	No Effect
Casein -----	No Effect
Castor Oil -----	No Effect
Catsup -----	No Effect
Caustic Soda -----	No Effect
Cellosolve -----	No Effect
Cellulose Acetate -----	No Effect

Cellulube Hydraulic Fluids -----	No Effect
Cellulube Hydraulic Fluids (Phosphate Esters)	No Effect
China Wood Oil (Tung Oil) -----	No Effect
Chloracetic Acid -----	No Effect
Chloral Hydrate -----	No Effect
Chlorate of Lime -----	No Effect
Chlorextol -----	No Effect
Chloric Acid -----	No Effect
Chlorinated Lime -----	No Effect
Chlorinated Lime, 35% (Bleach) -----	No Effect
Chlorinated Solvents -----	No Effect
Chlorinated Solvents, Dry -----	No Effect
Chlorinated Solvents, Wet -----	No Effect
Chlorinated Water, Saturate -----	No Effect
Chlorine -----	No Effect
Chlorine Dioxide -----	No Effect
Chlorine Gas - 100 Degrees C -----	No Effect
Chlorine Gas - Dry -----	No Effect
Chlorine Gas - Moist -----	No Effect
Chlorine Trifluoride -----	No Effect
Chlorine Water -----	No Effect
Chlorine, Anhydrous Liquid -----	No Effect
Chlorine, Dry -----	No Effect
Chlorine, Liquid, Anhydrous -----	Moderate Effect
Chlorine, Wet -----	No Effect
Chloroacetic Acid -----	No Effect
Chloroacetone -----	No Effect
Chlorobenzene -----	No Effect
Chlorobromomethane -----	No Effect
Chlorobutadiene -----	No Effect
Chloroform -----	No Effect
Chloropicrin -----	No Effect
Chlorosulfonic Acid -----	No Effect
Chlorosulfonic Acid (Dry) -----	No Effect
Chlorosulfonic Acid (Wet) -----	No Effect
Chlorothene -----	No Effect
Chlorotrifluoroethylene -----	No Effect
Chlorox -----	No Effect

Chocolate Syrup -----	No Effect
Chrome Alum -----	No Effect
Chrome Plating Solutions -----	No Effect
Chromic Acid -----	No Effect
Chromic Acid, 10% -----	No Effect
Chromic Acid, 30% -----	No Effect
Chromic Acid, 5% -----	No Effect
Chromic Acid, 50% -----	No Effect
Chromic Acid, 50% Solution (Hot) -----	No Effect
Chromium Plating Bath -----	No Effect
Chromium Plating, Barrel Chrome Bath 95 F ----	No Effect
Chromium Plating, Black Chrome Bath 115 F ----	No Effect
Chromium Plating, Chromic-Sulfuric Bath 130 F	No Effect
Chromium Plating, Fluoride Bath 130 F -----	No Effect
Chromium Plating, Fluosilicate Bath 95 F ----	No Effect
Chromium Sulfate (Basic) -----	No Effect
Cider (Apple Juice) -----	No Effect
Cinnamon Oil -----	No Effect
Circo Light Process Oil -----	No Effect
Citric Acid -----	No Effect
Citric Acid, 15% Solution -----	No Effect
Citric Acid, 15% Solution (Boiling) -----	No Effect
Citric Acid, 5% Solution (@ 150 F) -----	No Effect
Citric Acid, Concentrated (Boiling) -----	No Effect
Citric Oils -----	No Effect
Citrus Pectin Liquor -----	No Effect
Clove Oil -----	No Effect
Cobalt Chloride -----	No Effect
Coca Cola Syrup -----	No Effect
Coconut Oil -----	No Effect
Cod Liver Oil -----	No Effect
Coffee -----	No Effect
Coke Oven Gas -----	No Effect
Copal Varnish -----	No Effect
Copper (Misc),Copper (Electroless) 140 F ----	No Effect
Copper (Misc),Copper Pyrophosphate 140 F ----	No Effect
Copper Acetate -----	No Effect
Copper Acetate, Saturated Solution -----	No Effect

Copper Chloride -----	No Effect
Copper Chloride, 1% -----	No Effect
Copper Chloride, 5% Solution -----	No Effect
Copper Cyanide -----	No Effect
Copper Fluoborate -----	No Effect
Copper Fluoride -----	No Effect
Copper Fluoborate -----	No Effect
Copper Nitrate -----	No Effect
Copper Nitrate Hexahydrate -----	No Effect
Copper Nitrate, 1% & 5% -----	No Effect
Copper Nitrate, 50% Aqueous Solution (Hot) ---	No Effect
Copper Plating (Acid),	
. Copper Fluoborate Bath 120 F -----	No Effect
Copper Plating (Acid), Copper Sulfate Bath R.T.	No Effect
Copper Plating (Cyanide),	
. Copper Strike Bath 120 F -----	No Effect
Copper Plating (Cyanide), Hi Speed Bath 180 F -	No Effect
Copper Plating (Cyanide),	
. Rochelle Salt Bath 150 F -----	No Effect
Copper Sulfate -----	No Effect
Copper Sulfate, 10% -----	No Effect
Copper Sulfate, 5% -----	No Effect
Copper Sulfate, 50% -----	No Effect
Copper Sulfide -----	No Effect
Copper Sulphate, Saturated Solution (Boiling)	No Effect
Copperas -----	No Effect
Core Oil -----	No Effect
Corn Oil -----	No Effect
Cottonseed Oil -----	No Effect
Cream -----	No Effect
Creosols -----	No Effect
Creosote, Coal-Tar -----	No Effect
Creosote, Wood-Tar -----	No Effect
Cresol -----	No Effect
Cresylic Acid -----	No Effect
Crotonaldehyde -----	No Effect
Crude Oil -----	No Effect
Cumeme -----	No Effect

Cutting Oil (Sulfur Base) -----	No Effect
Cutting Oil (Water Base) -----	No Effect
Cyclohexane -----	No Effect
Cyclohexanol -----	No Effect
Cyclohexanone -----	No Effect
Cyclopentane -----	No Effect
Cymene -----	No Effect
D.D.T. -----	No Effect
Decahydronaphthalene -----	No Effect
Decanal -----	No Effect
Decane -----	No Effect
Decyl Alcohol -----	No Effect
Denatured Alcohol -----	No Effect
Detergent Solutions -----	No Effect
Developing Fluids & Solutions -----	No Effect
Dextrose -----	No Effect
Diacetone -----	No Effect
Diacetone Alcohol -----	No Effect
Diamylamine -----	No Effect
Diazo Salts -----	No Effect
Dibenzyl Ether -----	No Effect
Dibenzyl Sebecate -----	No Effect
Dibutyl Amine -----	Severe Effect
Dibutyl Ether -----	No Effect
Dibutyl Mercaptan -----	No Effect
Dibutyl Phthalate -----	No Effect
Dibutyl Sebecate -----	No Effect
Dibutyl Sebecate -----	No Effect
Dichlorethane -----	No Effect
Dichloro Isopropyl Ether -----	No Effect
Dichloroacetic Acid -----	No Effect
Dichlorobutane -----	No Effect
Dichloroethane -----	Minor Effect
Dichloroethyl Ether -----	No Effect
Dichloropentane -----	No Effect
Dicyclohexylamine -----	No Effect
Diemethyl Formamide -----	No Effect
Diesel Oil (Fuel ASTM #2) -----	No Effect

Diester Synthetic Oils -----	No Effect
Diethanol Amine -----	No Effect
Diethyl Amine -----	No Effect
Diethyl Benzene -----	No Effect
Diethyl Carbonate -----	No Effect
Diethyl Ether -----	No Effect
Diethyl Phthalate -----	No Effect
Diethyl Sebacate -----	No Effect
Diethylamine -----	No Effect
Diethylene Ether (Dioxane) -----	No Effect
Diethylene Glycol -----	No Effect
Diethylene Triamine -----	No Effect
Diglycolic Acid -----	No Effect
Diisobutyl Ketone -----	No Effect
Diisobutylene -----	No Effect
Diisodecyl Adipate -----	No Effect
Diisodecyl Phthalate -----	No Effect
Diisooctyl Adipate -----	No Effect
Diisooctyl Phthalate -----	No Effect
Diisooctyl Sebecate -----	No Effect
Diisopropyl Amine -----	No Effect
Diisopropyl Benzene -----	No Effect
Diisopropyl Ketone -----	No Effect
Dimethyl Aniline -----	No Effect
Dimethyl Ether -----	No Effect
Dimethyl Phthalate -----	No Effect
Dimethyl Sulfate -----	No Effect
Dimethyl Sulfide -----	No Effect
Dinitrotoluene -----	No Effect
Diethyl Phthalate -----	No Effect
Diethyl Sebecate -----	No Effect
Diethylphthalate -----	No Effect
Dioxalanes -----	No Effect
Dipentene -----	No Effect
Diphenyl Oxide -----	No Effect
Dipropyl Ketone -----	No Effect
Dipropylamine -----	No Effect
Dipropylene Glycol -----	No Effect

Dipsersing Oil #10 -----	No Effect
Disodium Phosphate -----	No Effect
Divinyl Benzene -----	No Effect
Dodecyl Benzene -----	No Effect
Dow Corning (Silicones) -----	No Effect
Dowtherm (Biphenyl & Phenyl Ether) -----	No Effect
Dowtherm A -----	No Effect
Dowtherm E -----	No Effect
Drinking Water -----	No Effect
Drycleaning Fluids -----	No Effect
DTE Light Oil -----	No Effect
Dyes -----	No Effect
Elco 28-EP Lubricant -----	No Effect
Epichlorohydrin -----	No Effect
Epoxy Resins -----	No Effect
Epsom Salts -----	No Effect
Ethane -----	No Effect
Ethanolamine -----	No Effect
Ether (Ethyl, Methyl, Isor) -----	No Effect
Ethers -----	No Effect
Ethyl Acetate -----	No Effect
Ethyl Acetoacetate -----	No Effect
Ethyl Acrylate -----	No Effect
Ethyl Alcohol -----	No Effect
Ethyl Aluminum Dichloride -----	No Effect
Ethyl Amine -----	No Effect
Ethyl Benzene -----	No Effect
Ethyl Benzoate -----	No Effect
Ethyl Bromide -----	No Effect
Ethyl Butyl Acetate -----	No Effect
Ethyl Butyl Alcohol -----	No Effect
Ethyl Butyl Ketone -----	No Effect
Ethyl Butyraldehyde -----	No Effect
Ethyl Butyrate -----	No Effect
Ethyl Caprylate -----	No Effect
Ethyl Cellulose -----	No Effect
Ethyl Cellosolve -----	No Effect
Ethyl Cellulose -----	No Effect

Ethyl Chloride -----	No Effect
Ethyl Chloride (Dry) -----	No Effect
Ethyl Chloride (Wet) -----	No Effect
Ethyl Chlorocarbonate -----	No Effect
Ethyl Chloroformate -----	No Effect
Ethyl Cyanide -----	No Effect
Ethyl Ether -----	No Effect
Ethyl Formate -----	No Effect
Ethyl Iodide -----	No Effect
Ethyl Isobutyrate -----	No Effect
Ethyl Mercaptan -----	No Effect
Ethyl Oxalate -----	No Effect
Ethyl Pentachlorobenzene -----	No Effect
Ethyl Propionate -----	No Effect
Ethyl Silicate -----	No Effect
Ethyl Sulfate -----	No Effect
Ethylene -----	No Effect
Ethylene Bromide -----	No Effect
Ethylene Chloride -----	No Effect
Ethylene Chlorohydrin -----	No Effect
Ethylene Diamine -----	No Effect
Ethylene Dibromide -----	No Effect
Ethylene Dichloride -----	No Effect
Ethylene Glycol -----	No Effect
Ethylene Glycol Monethyl Ether Acetate -----	No Effect
Ethylene Glycol Monobutyl -----	No Effect
Ethylene Glycol Monoethyl -----	No Effect
Ethylene Glycol Monomethyl -----	No Effect
Ethylene Glycol Monomethyl Ether -----	No Effect
Ethylene Oxide -----	No Effect
Ethylene Trichloride -----	No Effect
Ethylhexyl Acetate -----	No Effect
Ethylhexyl Alcohol -----	No Effect
Ethylidene Chloride -----	No Effect
Fatty Acids -----	No Effect
Ferric Chloride -----	No Effect
Ferric Chloride, 1% -----	No Effect
Ferric Chloride, 1% Solution (Boiling) -----	No Effect

Ferric Chloride, 10% Solution -----	No Effect
Ferric Chloride, 5% Agitated or Aerated -----	No Effect
Ferric Chloride, 5% Solution (Still) -----	No Effect
Ferric Hydroxide -----	No Effect
Ferric Nitrate -----	No Effect
Ferric Sulfate -----	Moderate Effect
Ferric Sulphate 1% to 5% -----	No Effect
Ferrous Chloride -----	No Effect
Ferrous Sulfate -----	No Effect
Ferrous Sulfate (Saturated) -----	No Effect
Ferrous Sulfate, 10% Solution -----	No Effect
Fish Liver Oils -----	No Effect
Fish Oil -----	No Effect
Fluboric Acid -----	No Effect
Fluoboric Acid -----	No Effect
Fluorboric Acid -----	No Effect
Fluorine -----	Severe Effect
Fluorine (Liquid) -----	No Effect
Fluorobenzene -----	No Effect
Fluorolube -----	No Effect
Fluosilicic Acid -----	No Effect
Formaldehyde -----	No Effect
Formaldehyde (Hot) -----	No Effect
Formaldehyde, 40% -----	No Effect
Formamide -----	No Effect
Formic Acid -----	No Effect
Formic Acid (Dilute Cold) -----	No Effect
Formic Acid (Dilute Hot) -----	No Effect
Freon -----	No Effect
Freon 11 -----	No Effect
Freon 112 -----	No Effect
Freon 113 -----	No Effect
Freon 114 -----	No Effect
Freon 114B2 -----	No Effect
Freon 115 -----	No Effect
Freon 12 -----	No Effect
Freon 12,13,22,114,115 -----	No Effect
Freon 13 -----	No Effect

Freon 13B1	-----	No Effect
Freon 14	-----	No Effect
Freon 142b	-----	No Effect
Freon 152a	-----	No Effect
Freon 21	-----	No Effect
Freon 218	-----	No Effect
Freon 22	-----	No Effect
Freon 31	-----	No Effect
Freon 32	-----	No Effect
Freon 502	-----	No Effect
Freon C316	-----	No Effect
Freon T-P35	-----	No Effect
Freon T-WD602	-----	No Effect
Freon T.F.	-----	No Effect
Freon TA	-----	No Effect
Freon TC	-----	No Effect
Freon TMC	-----	No Effect
Freon, BF	-----	No Effect
Freon, C318	-----	No Effect
Freon, K-142B	-----	No Effect
Freon, K-152A	-----	No Effect
Freon, MF	-----	No Effect
Freon, PCA	-----	No Effect
Fruit Juice Pulp	-----	No Effect
Fruit Juices	-----	No Effect
Fuel Oil	-----	No Effect
Fuel Oil (1,2,3,5A,5B,6)	-----	No Effect
Fumaric Acid	-----	No Effect
Fuming Sulphuric Acid (20/25% Oleum)	-----	No Effect
Furan	-----	No Effect
Furan Resin	-----	No Effect
Furfural	-----	No Effect
Furfuraldehyde	-----	No Effect
Furfuryl Alcohol	-----	No Effect
Fusel Oil	-----	No Effect
Gallic Acid	-----	No Effect
Gas, Manufactured	-----	No Effect
Gas, Natural	-----	No Effect

Gasoline (Aviation) -----	No Effect
Gasoline (Meter) -----	No Effect
Gasoline (Petrol) -----	No Effect
Gasoline (Sour) -----	No Effect
Gasoline (Unleaded) -----	No Effect
Gasoline, Refined -----	No Effect
Gelatin -----	No Effect
Ginger Oil -----	No Effect
Glauber's Salt -----	No Effect
Gluconic Acid -----	No Effect
Glucose -----	No Effect
Glue -----	No Effect
Glycerine or Glycerol -----	No Effect
Glycolic Acid -----	No Effect
Glycols -----	No Effect
Gold Monocyanide -----	No Effect
Gold Plating, Acid 75 F -----	No Effect
Gold Plating, Cyanide 150 F -----	No Effect
Gold Plating, Neutral 75 F -----	No Effect
Grape Juice -----	No Effect
Grapefruit Oil -----	No Effect
Grease -----	No Effect
Grease (Ester Base) -----	No Effect
Grease (Petroleum Base) -----	No Effect
Grease (Silicone Base) -----	No Effect
Green Sulfate Liquor -----	No Effect
Halowax Oil -----	No Effect
Heptanal -----	No Effect
Heptane -----	No Effect
Hexalin -----	No Effect
Hexanal -----	No Effect
Hexane -----	No Effect
Hexanol, Tertiary -----	No Effect
Hexyl Alcohol -----	No Effect
Hexylene Glycol -----	No Effect
Honey -----	No Effect
Hydraulic Oil -----	No Effect
Hydraulic Oils (Petroleum) -----	No Effect

Hydraulic Oils (Synthetic) -----	No Effect
Hydrazine -----	No Effect
Hydrazine (Diamine) -----	No Effect
Hydrobromic Acid, 20% -----	No Effect
Hydrobromic Acid -----	No Effect
Hydrobromic Acid 40% -----	No Effect
Hydrobromic Acid, 20% -----	No Effect
Hydrochloric Acid -----	No Effect
Hydrochloric Acid (Conc.) -----	No Effect
Hydrochloric Acid (Dilute) -----	No Effect
Hydrochloric Acid (Dry Gas) -----	No Effect
Hydrochloric Acid 20% -----	No Effect
Hydrochloric Acid, 100% -----	No Effect
Hydrochloric Acid, 20% -----	No Effect
Hydrochloric Acid, 37% -----	No Effect
Hydrocyanic Acid -----	No Effect
Hydrocyanic Acid (Gas 10%) -----	No Effect
Hydrofluoric Acid -----	No Effect
Hydrofluoric Acid, (Conc) -----	No Effect
Hydrofluoric Acid, 100% -----	No Effect
Hydrofluoric Acid, 20% -----	No Effect
Hydrofluoric Acid, 50% -----	No Effect
Hydrofluoric Acid, 75% -----	No Effect
Hydrofluosilicic Acid -----	Minor Effect
Hydrofluosilicic Acid, 20% -----	No Effect
Hydrogen -----	No Effect
Hydrogen Fluoride, Anhydrous -----	No Effect
Hydrogen Gas -----	No Effect
Hydrogen Gas (Cold) -----	No Effect
Hydrogen Gas (Hot) -----	No Effect
Hydrogen Peroxide -----	No Effect
Hydrogen Peroxide, 10% -----	No Effect
Hydrogen Peroxide, 3% -----	No Effect
Hydrogen Peroxide, 30% -----	No Effect
Hydrogen Peroxide, 50% -----	No Effect
Hydrogen Peroxide, 90% -----	No Effect
Hydrogen Phosphide -----	No Effect
Hydrogen Sulfide -----	No Effect

Hydrogen Sulfide (Dry) -----	No Effect
Hydrogen Sulfide, Aqueous -----	No Effect
Hydroquinone -----	No Effect
Hydroxyacetic Acid, 10% -----	No Effect
Hypochlorous Acid -----	No Effect
Hypochlorities, Sodium -----	No Effect
Indium Sulfamate Plating R.T. -----	No Effect
Ink -----	No Effect
Ink (Printers) -----	No Effect
Iodine -----	No Effect
Iodine (In Alcohol) -----	No Effect
Iodine Pentafluoride -----	No Effect
Iodoform -----	No Effect
Iron Plating, Ferrous Am. Sulfate Bath 150 F -	No Effect
Iron Plating, Ferrous Chloride Bath 190 F ----	No Effect
Iron Plating, Ferrous Sulfate Bath 150 F ----	No Effect
Iron Plating, Fluoborate Bath 145 F -----	No Effect
Iron Plating, Sulfamate 140 F -----	No Effect
Iron Plating, Sulfate-Chloride Bath 160 F ----	No Effect
Iso Butane -----	No Effect
Isoamyl Acetate -----	No Effect
Isoamyl Alcohol -----	No Effect
Isoamyl Butyrate -----	No Effect
Isoamyl Chloride -----	No Effect
Isobutyl Acetate -----	No Effect
Isobutyl Alcohol -----	No Effect
Isobutyl Amine -----	No Effect
Isobutyl Chloride -----	No Effect
Isobutyric Acid -----	No Effect
Isododecane -----	No Effect
Isooctane -----	No Effect
Isopentane -----	No Effect
Isophorone -----	No Effect
Isopropyl Acetate -----	No Effect
Isopropyl Alcohol -----	No Effect
Isopropyl Amine -----	No Effect
Isopropyl Chloride -----	No Effect
Isopropyl Ether -----	No Effect

Jet Fuel (JP3,JP4,JP5) -----	No Effect
Jet Fuels (JP1 to JP6) -----	No Effect
JP-1 -----	No Effect
JP-2 -----	No Effect
JP-3 (Mil-J-5624) -----	No Effect
JP-4 (Mil-J-5624) -----	No Effect
JP-5 (Mil-J-5624) -----	No Effect
JP-6 (Mil-J-25656) -----	No Effect
JP-X (Mil-F-25604) -----	No Effect (156)

TEFLON (K-Z)

Chemical Compatibility

<u>CHEMICAL</u>	<u>EFFECT</u>
Kerosene -----	No Effect
Ketones -----	No Effect
Keystone #87HX-Grease -----	No Effect
Lacquer Solvents -----	No Effect
Lacquer Thinners -----	No Effect
Lacquers -----	No Effect
Lactic Acid -----	No Effect
Lactic Acid 10% Solution (Boiling) -----	No Effect
Lactic Acid, 25% -----	No Effect
Lactic Acid, 5% Solution -----	No Effect
Lactol -----	No Effect
Lard Oil -----	No Effect
Lard Oil (Cold) -----	No Effect
Lard Oil (Hot) -----	No Effect
Latex -----	No Effect
Lauric Acid -----	No Effect
Lauryl Alcohol -----	No Effect
Lavender Oil -----	No Effect
Lead Acetate -----	No Effect
Lead Chloride -----	No Effect
Lead Fluoborate Plating -----	No Effect
Lead Sulfamate -----	Minor Effect
Lemon Oil -----	No Effect
Light Grease -----	No Effect
Lignin Liquor -----	No Effect

Ligroin -----	No Effect
Lime -----	No Effect
Lime Bleach -----	No Effect
Lime Slurries -----	No Effect
Lime Sulfur -----	No Effect
Lime, Soda -----	No Effect
Limonene -----	No Effect
Lindol -----	No Effect
Linoleic Acid -----	No Effect
Linseed Oil -----	No Effect
Liquor, White -----	No Effect
Liquors -----	No Effect
Lithium Bromide -----	No Effect
Lithium Chloride -----	No Effect
Lubricants -----	No Effect
Lubricating Oil Petroleum Base -----	No Effect
Lubricating Oil SAE10,20,30,40,50 -----	No Effect
Lubricating Oils -----	No Effect
Lye -----	No Effect
Lysol -----	No Effect
Magnesium Bisulfite -----	No Effect
Magnesium Carbonate -----	No Effect
Magnesium Chloride -----	No Effect
Magnesium Hydorxide -----	No Effect
Magnesium Hydroxide -----	No Effect
Magnesium Hydroxide (Hot) -----	No Effect
Magnesium Nitrate -----	No Effect
Magnesium Oxide -----	No Effect
Magnesium Salts -----	No Effect
Magnesium Sulfate -----	No Effect
Magnesium Sulfide -----	No Effect
Magnesium Sulfite -----	No Effect
Maleic Acid -----	No Effect
Maleic Anhydride -----	No Effect
Malic Acid -----	No Effect
Malt Beverages -----	No Effect
Manganese Chloride -----	No Effect
Manganese Sulfate -----	No Effect

Maple Sugar Liquors -----	No Effect
Mayonnaise -----	No Effect
Melamine Resins -----	No Effect
Mercaptan -----	No Effect
Mercuric Chloride -----	No Effect
Mercuric Chloride (Dilute Solution) -----	No Effect
Mercuric Cyanide -----	No Effect
Mercuric Sulfate -----	No Effect
Mercurous Nitrate -----	No Effect
Mercury -----	No Effect
Mercury Salts -----	No Effect
Mercury Vapors -----	No Effect
Mesityl Oxide -----	No Effect
Methane -----	No Effect
Methanol (See Alcohol Methyl) -----	No Effect
Methyl Acetate -----	No Effect
Methyl Acetoacetate -----	No Effect
Methyl Acetone -----	No Effect
Methyl Acrylate -----	No Effect
Methyl Acrylic Acid -----	No Effect
Methyl Alcohol -----	No Effect
Methyl Alcohol, 10% -----	No Effect
Methyl Amine -----	No Effect
Methyl Amyl Acetate -----	No Effect
Methyl Amyl Alcohol -----	No Effect
Methyl Aniline -----	No Effect
Methyl Bromide -----	No Effect
Methyl Butyl Ketone -----	No Effect
Methyl Butyrate -----	No Effect
Methyl Cellosolve -----	No Effect
Methyl Chloride -----	No Effect
Methyl Cyclopentane -----	No Effect
Methyl Dichloride -----	No Effect
Methyl Ether -----	No Effect
Methyl Ethyl Ketone -----	No Effect
Methyl Formate -----	No Effect
Methyl Hexane -----	No Effect
Methyl Iodide -----	No Effect

Methyl Isobutyl Ketone -----	No Effect
Methyl Isopropyl Ketone -----	No Effect
Methyl Methacrylate -----	No Effect
Methyl Oleate -----	No Effect
Methyl Propyl Ketone -----	No Effect
Methyl Salicylate -----	No Effect
Methylacrylic Acid -----	No Effect
Methylamine -----	No Effect
Methylene Bromide -----	No Effect
Methylene Chloride -----	No Effect
Milk -----	No Effect
Mine Water -----	No Effect
Mineral Oils -----	No Effect
Mixed Acids -----	No Effect
Mixed Acids Sulfuricnitric -----	No Effect
Molasses -----	No Effect
Molybdic Acid -----	No Effect
Monobromobenzene -----	No Effect
Monochloroacetic Acid -----	No Effect
Monochlorobenzene -----	No Effect
Monochlorodifluoro Methane -----	No Effect
Monoethanolamine -----	No Effect
Monomethyl Hydrazine -----	No Effect
Monomethylaniline -----	No Effect
Mustard -----	No Effect
N,N-Dimethyl Formamide -----	No Effect
N,N-Dimethylaniline -----	No Effect
n-Amyl Amine -----	No Effect
n-Butyl Acetate -----	No Effect
N-Hexaldehyde -----	No Effect
n-Hexane -----	No Effect
n-Hexane 1 -----	No Effect
N-Methyl Aniline -----	No Effect
n-Octane -----	No Effect
N-Pentane -----	No Effect
n-Propyl Acetate -----	No Effect
n-Propyl Nitrate -----	No Effect
Naphtha Coal Tar (Benzol) -----	No Effect

Naphtha, Petroleum -----	No Effect
Naphthalene -----	No Effect
Naphthoic Acid -----	No Effect
Naptha -----	No Effect
Naptha-Coal Tar (Benzol) -----	No Effect
Napthalene -----	No Effect
Napthenic Acid -----	No Effect
Natural Gas -----	No Effect
Neatsfoot Oil -----	No Effect
Neohexane -----	No Effect
Neon -----	No Effect
Neosol -----	No Effect
Neville Acid -----	No Effect
Nickel Acetate -----	No Effect
Nickel Ammonium Sulfate -----	No Effect
Nickel Chloride -----	No Effect
Nickel Nitrate -----	No Effect
Nickel Nitrate -----	No Effect
Nickel Plating, Electroless 200 F -----	No Effect
Nickel Plating, Fluoborate 100-170 F -----	No Effect
Nickel Plating, High Chloride 130-160 F -----	No Effect
Nickel Plating, Sulfamate 100-140 F -----	No Effect
Nickel Plating, Watts Type 115-160 F -----	No Effect
Nickel Sulfate -----	No Effect
Nicotine -----	No Effect
Nicotinic Acid -----	No Effect
Niter Coke -----	No Effect
Nitrana -----	No Effect
Nitric Acid -----	No Effect
Nitric Acid & Hydrochloric Acid -----	No Effect
Nitric Acid (Conc) -----	No Effect
Nitric Acid (Red Fuming) -----	No Effect
Nitric Acid 3 Molar -----	No Effect
Nitric Acid Concentrated Boiling -----	No Effect
Nitric Acid Inhibited Red Fuming (IRFNA) -----	No Effect
Nitric Acid, 10% -----	No Effect
Nitric Acid, 20% -----	No Effect
Nitric Acid, 25% -----	No Effect

Nitric Acid, 35%	-----	No Effect
Nitric Acid, 50%	-----	No Effect
Nitric Acid, 50% Solution (Boiling)	-----	No Effect
Nitric Acid, 68%	-----	No Effect
Nitric Acid, 70%	-----	No Effect
Nitric Oxide	-----	No Effect
Nitrobenzene	-----	No Effect
Nitroethane	-----	No Effect
Nitrogen Tetroxide	-----	No Effect
Nitromethane	-----	No Effect
Nitropropane	-----	No Effect
Nitrosyl Chloride	-----	No Effect
Nitrous Acid	-----	No Effect
Nitrous Gases	-----	No Effect
Nitrous Oxide	-----	No Effect
o-Chlorophenol	-----	No Effect
o-Dichlorobenzene	-----	No Effect
Octachlorotoluene	-----	No Effect
Octadecane	-----	No Effect
Octyl Acetate	-----	No Effect
Oil - No. 1 ASTM	-----	No Effect
Oil - No. 3 ASTM	-----	No Effect
Oils (Animal)	-----	No Effect
Oils and Fats	-----	No Effect
Oils, Crude	-----	No Effect
Oleic Acid	-----	No Effect
Olein	-----	No Effect
Oleum	-----	No Effect
Oleum (Fuming Sulfuric Acid)	-----	No Effect
Oleum Spirits	-----	No Effect
Oleum, 25%	-----	No Effect
Olive Oil	-----	No Effect
Orange Oil	-----	No Effect
Oxalic Acid	-----	No Effect
Oxalic Acid, 10% Solution	-----	No Effect
Oxalic Acid, 10% Solution (Boiling)	-----	No Effect
Oxalic Acid, 5% (Hot and Cold)	-----	No Effect
Oxygen, 200-400 degrees F	-----	No Effect

Oxygen, Cold	No Effect
Ozone	No Effect
Ozone (Dry)	No Effect
Ozone (Wet)	No Effect
P-Cymene	No Effect
P-Tertiary Butyl Catechol	No Effect
Paint Thinner, DUCO	No Effect
Paints & Solvents	No Effect
Palm Oil	No Effect
Palmitic Acid	No Effect
Para-Dichlorobenzene	No Effect
Paraffins (Paraffin Oil)	No Effect
Paraformaldehyde	No Effect
Paraldehyde	No Effect
Peanut Oil	No Effect
Pentacetate	No Effect
Pentachloroethane	No Effect
Pentachlorophenol	No Effect
Pentane, 2 Methyl	No Effect
Pentane, 2-4, Dimethyl	No Effect
Pentane, 3-Methyl	No Effect
Pentane	No Effect
Peppermint Oil	No Effect
Perchloric Acid	No Effect
Perchloric Acid, 10%	No Effect
Perchloric Acid, 70%	No Effect
Perchloroethylene	No Effect
Permachlor (Degreasing Fluid)	No Effect
Petrolatum	No Effect
Petroleum Ether	No Effect
Petroleum Oils (Sour)	No Effect
Phenethyl Alcohol	No Effect
Phenol	No Effect
Phenol (Carbolic Acid)	No Effect
Phenol Sulfonic Acid	No Effect
Phenol, 10%	No Effect
Phenol, 70%/30% H2O	No Effect
Phenol, 85%/15% H2O	No Effect

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Phenolic Sulphonate -----	No Effect
Phenyl Acetate -----	No Effect
Phenyl Ethyl Ether -----	No Effect
Phenyl Hydrazine -----	No Effect
Phenylbenzene -----	No Effect
Phorone -----	No Effect
Phosgene, Gas -----	No Effect
Phosphoric Acid -----	No Effect
Phosphoric Acid (Aerated) -----	No Effect
Phosphoric Acid (Conc) -----	No Effect
Phosphoric Acid (Crude) -----	No Effect
Phosphoric Acid Air Free -----	No Effect
Phosphoric Acid, 1% Solution -----	No Effect
Phosphoric Acid, 10% -----	No Effect
Phosphoric Acid, 10% Solution (Hot) -----	No Effect
Phosphoric Acid, 20% -----	No Effect
Phosphoric Acid, 25% -----	No Effect
Phosphoric Acid, 3 Molar -----	No Effect
Phosphoric Acid, 5% Solution -----	No Effect
Phosphoric Acid, 50% -----	No Effect
Phosphoric Acid, 50% Solution (Hot) -----	No Effect
Phosphoric Acid, 85% Solution -----	No Effect
Phosphoric Acid, 85% Solution (Hot) -----	No Effect
Phosphoric Anhydride (Dry or Moist) -----	No Effect
Phosphoric Anhydride (Molten) -----	No Effect
Phosphorous -----	No Effect
Phosphorus Oxychloride -----	No Effect
Phosphorus Trichloride -----	No Effect
Photographic Developers -----	No Effect
Photographic Solutions -----	No Effect
Phthalic Anhydride -----	No Effect
Pickling Solution -----	No Effect
Picric Acid -----	No Effect
Picric Acid, H2O Solution -----	No Effect
Pine Oil -----	No Effect
Pinene -----	No Effect
Piperidine -----	No Effect
Pitch -----	No Effect

Plating Solution, Cadmium -----	No Effect
Plating Solution, Chrome -----	No Effect
Plating Solution, Lead -----	No Effect
Plating Solution, Others -----	No Effect
Plating Solutions -----	No Effect
Plating Solutions, Antimony -----	No Effect
Plating Solutions, Arsenic -----	No Effect
Pneumatic Service -----	No Effect
Polyvinyl Acetate Emulsion -----	No Effect
Potassium Acetate -----	No Effect
Potassium Alum -----	No Effect
Potassium Bicarbonate -----	No Effect
Potassium Bisulfate -----	No Effect
Potassium Bisulfite -----	No Effect
Potassium Bromide -----	No Effect
Potassium Carbonate -----	No Effect
Potassium Chlorate -----	No Effect
Potassium Chloride -----	No Effect
Potassium Chloride, Boiling -----	No Effect
Potassium Chromate -----	No Effect
Potassium Copper Cyanide -----	No Effect
Potassium Cyanide -----	No Effect
Potassium Dichromate -----	No Effect
Potassium Diphosphate -----	No Effect
Potassium Ferricyanide -----	No Effect
Potassium Ferrocyanide -----	No Effect
Potassium Ferrocyanine -----	No Effect
Potassium Hydroxide -----	No Effect
Potassium Hydroxide, 27% Solution (Boiling) --	No Effect
Potassium Hydroxide, 5% Solution -----	No Effect
Potassium Hydroxide, 50% -----	No Effect
Potassium Hydroxide, 50% Solution (Boiling) --	No Effect
Potassium Hydroxide, 70% Solution -----	No Effect
Potassium Hydroxide, 70% Solution (Hot) -----	No Effect
Potassium Hypochlorite -----	No Effect
Potassium Iodide -----	No Effect
Potassium Monophosphates -----	No Effect
Potassium Nitrate -----	No Effect

Potassium Nitrate 1% to 5%	-----	No Effect
Potassium Nitrite	-----	No Effect
Potassium Oxalate	-----	No Effect
Potassium Permanganate	-----	No Effect
Potassium Permanganate 10%	-----	No Effect
Potassium Permanganate, 5%	-----	No Effect
Potassium Phosphate	-----	No Effect
Potassium Silicate	-----	No Effect
Potassium Sulfate	-----	No Effect
Potassium Sulfate, 1% and 5%	-----	No Effect
Potassium Sulfide	-----	No Effect
Potassium Sulfite	-----	No Effect
Potassium Sulphate	-----	No Effect
Potassium Sulphite or Nitrate	-----	No Effect
Prestone	-----	No Effect
PRL-High Temp. Hydr. Oil	-----	No Effect
Producer Gas	-----	No Effect
Propane	-----	No Effect
Propane (Liquefied)	-----	No Effect
Propane Propionitrile	-----	No Effect
Propionaldehyde	-----	No Effect
Propionic Acid	-----	No Effect
Propyl Alcohol	-----	No Effect
Propylene	-----	No Effect
Propylene Dichloride	-----	No Effect
Propylene Glycol	-----	No Effect
Propylene Oxide	-----	No Effect
Pydraul	-----	No Effect
Pyranol	-----	No Effect
Pyranol, Transformer Oil	-----	No Effect
Pyridine	-----	No Effect
Pyrogallic Acid	-----	No Effect
Pyroligneous	-----	No Effect
Pyroligneous Acid	-----	No Effect
Pyrrole	-----	No Effect
Quaternary Ammonium Salts	-----	No Effect
Quench Oil	-----	No Effect
Quinine Bisulphate (Dry)	-----	No Effect

Quinine Sulphate (Dry) -----	No Effect
Radiation -----	No Effect
Rape-Seed Oil -----	No Effect
Rayon Spin Bath -----	No Effect
Resins and Rosins -----	No Effect
Resorcinel -----	No Effect
Rhodium Plating 120 F -----	No Effect
RJ-1 (Mil-F-25558) -----	No Effect
Rose Oil -----	No Effect
Rosin -----	No Effect
Rosin Emulsion -----	No Effect
Rosin Oil -----	No Effect
Rotenone -----	No Effect
RP-1 (Mil-R-25576) -----	No Effect
Rubber Latex Emulsions -----	No Effect
Rubber Solvents -----	No Effect
Rum -----	No Effect
Rust Inhibitors -----	No Effect
Sal Ammoniac -----	No Effect
Sal Soda -----	No Effect
Salad Dressing -----	No Effect
Salicylic Acid -----	No Effect
Salt Water -----	No Effect
Santo Safe 300 -----	No Effect
Sea Water -----	No Effect
Sesame Seed Oil -----	No Effect
Sewage -----	No Effect
Shellac -----	No Effect
Shellac (Bleached) -----	No Effect
Shellac (Orange) -----	No Effect
Silicate Esters -----	No Effect
Silicon Tetrachloride Wet -----	No Effect
Silicone Greases -----	No Effect
Silicone Oils -----	No Effect
Silver Bromide -----	No Effect
Silver Chloride -----	No Effect
Silver Cyanide -----	No Effect
Silver Nitrate -----	No Effect

Silver Plating 80-120 F -----	No Effect
Silver Plating Solutions -----	No Effect
Skydrol Hydraulic Fluid -----	No Effect
Soap Solutions -----	No Effect
Soaps -----	No Effect
Soda Ash -----	No Effect
Sodium Acetate -----	No Effect
Sodium Acid Sulfate -----	No Effect
Sodium Aluminate -----	No Effect
Sodium Bicarbonate -----	No Effect
Sodium Bichromate -----	No Effect
Sodium Bisulfate -----	No Effect
Sodium Bisulfite -----	No Effect
Sodium Borate -----	No Effect
Sodium Bromide -----	No Effect
Sodium Carbonate -----	No Effect
Sodium Chlorate -----	No Effect
Sodium Chloride -----	No Effect
Sodium Chloride, 2% Solution -----	No Effect
Sodium Chloride, 5% @ 150 F -----	No Effect
Sodium Chloride, 5% Solution -----	No Effect
Sodium Chloride, Saturated Solution -----	No Effect
Sodium Chloride, Saturated Solution (Boiling) -----	No Effect
Sodium Chromate -----	No Effect
Sodium Citrate -----	No Effect
Sodium Cyanide -----	No Effect
Sodium Dichromate -----	No Effect
Sodium Ferrocyanide -----	No Effect
Sodium Fluoride -----	No Effect
Sodium Fluoride, 5% -----	No Effect
Sodium Hexametaphosphate -----	No Effect
Sodium Hydrosulfide -----	No Effect
Sodium Hydrosulfite -----	No Effect
Sodium Hydroxide -----	No Effect
Sodium Hydroxide, 20% -----	No Effect
Sodium Hydroxide, 20% (Cold) -----	No Effect
Sodium Hydroxide, 20% Solution (Hot) -----	No Effect
Sodium Hydroxide, 3 Molar -----	No Effect

Sodium Hydroxide, 50%	-----	No Effect
Sodium Hydroxide, 50% Solution (Cold)	-----	No Effect
Sodium Hydroxide, 70% (Cold)	-----	No Effect
Sodium Hydroxide, 80%	-----	No Effect
Sodium Hydroxide, 80% Solution (Hot)	-----	No Effect
Sodium Hypochlorite	-----	No Effect
Sodium Hypochlorite	-----	No Effect
Sodium Hypochlorite (to 20%)	-----	No Effect
Sodium Hypochlorite, 20%	-----	No Effect
Sodium Hypochlorite, 5%	-----	No Effect
Sodium Hyposulfate	-----	No Effect
Sodium Iodide	-----	No Effect
Sodium Metaphosphate	-----	No Effect
Sodium Metasilicate	-----	No Effect
Sodium Metasilicate (Cold)	-----	No Effect
Sodium Metasilicate (Hot)	-----	No Effect
Sodium Monophosphate	-----	No Effect
Sodium Nitrate	-----	No Effect
Sodium Nitrate - Fused	-----	No Effect
Sodium Nitrite	-----	No Effect
Sodium Orthosilicate	-----	No Effect
Sodium Perborate	-----	No Effect
Sodium Peroxide	-----	No Effect
Sodium Phosphate	-----	No Effect
Sodium Phosphate (Dibasic)	-----	No Effect
Sodium Phosphate (Mono)	-----	No Effect
Sodium Phosphate (Tribasic)	-----	No Effect
Sodium Polyphosphate	-----	No Effect
Sodium Pyrophosphate	-----	No Effect
Sodium Resinate	-----	No Effect
Sodium Salicylate	-----	No Effect
Sodium Silicate	-----	No Effect
Sodium Silicate (Hot)	-----	No Effect
Sodium Silicate (Water Glass)	-----	No Effect
Sodium Sulfate	-----	No Effect
Sodium Sulfide	-----	No Effect
Sodium Sulfide - Saturated	-----	No Effect
Sodium Sulfite	-----	No Effect

Sodium Sulfite, 10% Solution @ 150 F -----	No Effect
Sodium Sulfite, 5% Solution -----	No Effect
Sodium Sulphate -----	No Effect
Sodium Sulphide -----	No Effect
Sodium Tetra Borate (Borax) -----	No Effect
Sodium Tetraborate -----	No Effect
Sodium Tetrphosphate -----	No Effect
Sodium Thiosulfate -----	No Effect
Sodium Triphosphate -----	No Effect
Sorghum -----	No Effect
Sorgum -----	No Effect
Sour Crude Oil -----	No Effect
Soy Sauce -----	No Effect
Soybean Oil -----	No Effect
SP-90X -----	No Effect
Sperm Oil (Whale Oil) -----	No Effect
Spry -----	No Effect
SR-10 Fuel -----	No Effect
SR-6 Fuel -----	No Effect
Stannic Chloride -----	No Effect
Stannic Chloride, 50% -----	No Effect
Stannous Chloride -----	No Effect
Stanous Chloride, 15% -----	No Effect
Starch -----	No Effect
Steam, Above 350 F -----	Severe Effect
Steam, Below 350 F -----	No Effect
Stearic Acid -----	No Effect
Steric Acid -----	No Effect
Stoddard Solvent -----	No Effect
Styrene -----	No Effect
Sucrose Solution -----	No Effect
Sugar (Liquids) -----	No Effect
Sulfamic Acid -----	No Effect
Sulfate Black Liquor -----	No Effect
Sulfate Green Liquor -----	No Effect
Sulfite Liquors -----	No Effect
Sulfur -----	No Effect
Sulfur (Molten) -----	No Effect

Sulfur Chloride -----	No Effect
Sulfur Dioxide -----	No Effect
Sulfur Dioxide, Dry -----	No Effect
Sulfur Dioxide, Liquefied Under Pressure -----	No Effect
Sulfur Dioxide, Wet -----	No Effect
Sulfur Hexafluoride -----	No Effect
Sulfur Trioxide -----	Minor Effect
Sulfur Trioxide (Dry) -----	No Effect
Sulfuric Acid -----	No Effect
Sulfuric Acid (Conc) -----	No Effect
Sulfuric Acid (Fuming) -----	No Effect
Sulfuric Acid, 10% -----	No Effect
Sulfuric Acid, 25% -----	No Effect
Sulfuric Acid, 3 Molar -----	No Effect
Sulfuric Acid, 50% -----	No Effect
Sulfuric Acid, 60% -----	No Effect
Sulfuric Acid, 75% -----	No Effect
Sulfuric Acid, 95% -----	No Effect
Sulfuric Acid, 98.5% -----	Minor Effect
Sulfurous Acid -----	No Effect
Sulfuryl Chloride -----	No Effect
Sulphuric Acid, 10% Solution -----	No Effect
Sulphuric Acid, 10% Solution (Boiling) -----	No Effect
Sulphuric Acid, 5% -----	No Effect
Sulphuric Acid, 5% Solution (Boiling) -----	No Effect
Sulphuric Acid, 50% Solution (Boiling) -----	No Effect
Sulphuric Acid, Concentrated Solution -----	No Effect
Sulphuric Acid, Concentrated Solution (Boiling) -----	No Effect
Sulphurous Acid - Saturated -----	No Effect
Sunsafe (Fire Resist. Hydr. Fluid) -----	No Effect
Syrup -----	No Effect
Talc Oil -----	No Effect
Talc Slurry -----	No Effect
Tall Oil (Liquid Rosin) -----	No Effect
Tallow -----	No Effect
Tallow, Molten -----	No Effect
Tannic Acid -----	No Effect

Tannin -----	No Effect
Tanning Liquors -----	No Effect
Tar and Tar Oil -----	No Effect
Tar, Bituminous -----	No Effect
Tarpenes -----	No Effect
Tartaric Acid -----	No Effect
Terpene Monocyclic -----	No Effect
Terpineol -----	No Effect
Tertiary Butyl Alcohol -----	No Effect
Tertiary Butyl Catechol -----	No Effect
Tertiary Butyl Mercaptan -----	No Effect
Tetra Bromomethane -----	No Effect
Tetrabutyl Titanate -----	No Effect
Tetrachlorodifluoroethane -----	No Effect
Tetrachloroethane -----	No Effect
Tetrachloroethylene -----	No Effect
Tetraethyl Lead -----	No Effect
Tetraethylene Glycol -----	No Effect
Tetrahydrofuran -----	No Effect
Tetrahydronaphthalene -----	No Effect
Tetraphosphoglucoate -----	No Effect
Tetraphosphoric Acid -----	No Effect
Thiamin Hydrachloide -----	No Effect
THIO-RED -----	No Effect
Thionyl Chloride -----	No Effect
Thionyl Chloride -----	No Effect
Thiophene -----	No Effect
Tin Tetrachloride -----	No Effect
Tin-Fluoborate Plating 100 F -----	No Effect
Tin-Lead Plating 100 F -----	No Effect
Titanium Tetrachloride -----	No Effect
Toluene -----	No Effect
Toluene Diisocyanate -----	No Effect
Toluidine -----	No Effect
Toluol -----	No Effect
Tomato Pulp & Juice -----	No Effect
Toothpaste -----	No Effect
Transformer Oil -----	No Effect

Transmission Fluid -----	No Effect
Transmission Fluid, Type A -----	No Effect
Triacetin -----	No Effect
Triallyl Phosphate -----	No Effect
Triaryl Phosphate -----	No Effect
Tributoxyl Ethyl Phosphate -----	No Effect
Tributyl Mercaptan -----	No Effect
Tributyl Phosphate -----	No Effect
Trichloroacetic Acid -----	No Effect
Trichlorobenzenes -----	No Effect
Trichloroethane -----	No Effect
Trichloroethylene -----	No Effect
Trichloropropane -----	No Effect
Trichlorotrifluoroethane (Freon 113) -----	No Effect
Tricresolphosphate -----	No Effect
Tricresyl Phosphate -----	No Effect
Tridecyl Alcohol -----	No Effect
Triethanolamine -----	No Effect
Triethyl Aluminum -----	No Effect
Triethyl Amine -----	No Effect
Triethyl Borane -----	No Effect
Triethylene Glycol -----	No Effect
Trimethylene Glycol -----	No Effect
Trinitrotoluene -----	No Effect
Trioctyl Phosphate -----	No Effect
Trisodium Phosphate -----	No Effect
Tung Oil -----	No Effect
Turbine Oil -----	No Effect
Turbine Oil #15 (Mil-L-7808A) -----	No Effect
Turbo Oil #35 -----	No Effect
Turpentine -----	No Effect
Univis 40 (Hydr. Fluid) -----	No Effect
Univolt #35 (Mineral Oil) -----	No Effect
Unsymmetrical Dimethyl Hydrazine -----	No Effect
Urea -----	No Effect
Uric Acid -----	No Effect
Urine -----	No Effect
Valeric Acid -----	No Effect

Vanilla Extract -----	No Effect
Varnish -----	No Effect
Vegetable Juices -----	No Effect
Vegetable Oil (Hot) -----	No Effect
Vegetable Oils -----	No Effect
Versilube -----	No Effect
Versilube F-50 -----	No Effect
Vinegar -----	No Effect
Vinyl Acetate -----	No Effect
Vinyl Chloride -----	No Effect
Walnut Oil -----	No Effect
Water -----	No Effect
Water Acid, Mine -----	No Effect
Water, Acid Mine -----	No Effect
Water, Brine, Process, Beverage -----	No Effect
Water, Distilled -----	No Effect
Water, Fresh -----	No Effect
Water, Glycol -----	No Effect
Water, Salt -----	No Effect
Waxes -----	No Effect
Weed Killers -----	No Effect
Whey -----	No Effect
Whiskey -----	No Effect
White Liquor (Pulp Mill) -----	No Effect
White Oil -----	No Effect
White Sulfate Liquor -----	No Effect
Wines -----	No Effect
Wood Alcohol -----	No Effect
Wood Oil -----	No Effect
Wort, Distillery -----	No Effect
Xenon -----	No Effect
Xylene -----	No Effect
Xylidenes, Mixed, Aromatic -----	No Effect
Xylidines -----	No Effect
Xylon -----	No Effect
Zeolite -----	No Effect
Zinc Acetate -----	No Effect
Zinc Ammonium Chloride -----	No Effect

Zinc Carbonate -----	No Effect
Zinc Chloride -----	No Effect
Zinc Chloride, 5% Solution -----	No Effect
Zinc Hydrosulfite -----	No Effect
Zinc Nitrate -----	No Effect
Zinc Plating, Acid Chloride 140 F -----	No Effect
Zinc Plating, Acid Fluoborate Bath R.T. -----	No Effect
Zinc Plating, Acid Sulfate Bath 150 F -----	No Effect
Zinc Plating, Alkaline Cyanide Bath R.T. -----	No Effect
Zinc Salts -----	No Effect
Zinc Sulfate -----	No Effect
Zinc Sulfate, 25% Solution (Boiling) -----	No Effect
Zinc Sulfate, 5% Solution -----	No Effect
Zinc Sulfate, Saturated Solution -----	No Effect

TITANIUM

Chemical Compatibility

CHEMICAL

EFFECT

Acetaldehyde -----	No Effect
Acetic Acid, 20% -----	No Effect
Acetic Acid, 5% -----	No Effect
Acetic Acid, 80% -----	No Effect
Acetic Acid, Glacial -----	No Effect
Acetic Anhydride -----	No Effect
Acetone -----	No Effect
Alcohol, Amyl -----	No Effect
Alcohol, Benzyl -----	No Effect
Alcohol, Butyl -----	Minor Effect
Alcohol, Diacetone -----	No Effect
Alcohol, Ethyl -----	No Effect
Alcohol, Hexyl -----	No Effect
Alcohol, Isobutyl -----	No Effect
Alcohol, Isopropyl -----	No Effect
Alcohol, Methyl -----	No Effect
Alcohol, Octyl -----	No Effect
Alcohol, Propyl -----	No Effect
Aluminum Chloride -----	Moderate Effect
Aluminum Chloride, 20% -----	No Effect