

DISCLAIMER: This chart is intended to provide general guidance on chemical compatibility and should not be used for product selection. The chart is based on industry data and may not be applicable to your specific applications. Temperature, fluid concentration and other process conditions may affect the material compatibility. If there is uncertainty about the suitability of the material with the process chemical, Macnaught recommends physical testing of the sample material with the chemical. If further assistance is required, Macnaught's Technical Support Team can provide advice to assist with selection.

Recommended  Data not available  Not recommended	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM	
Acetaldehyde	<b>~</b>	~	~	<b>~</b>	<b>~</b>	-	<b>~</b>	<b>~</b>	
Acetamide	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	
Acetate Solvent	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	-	<b>~</b>	-	
Acetic Acid	-	-	~	<b>~</b>	~	~	<b>~</b>	-	
Acetic Acid 20%	<b>~</b>	<b>~</b>	~	~	~	~	<b>~</b>	~	
Acetic Acid 80%	-	_	~	~	~	~	<b>~</b>	_	
Acetic Acid, Glacial	-	<b>~</b>	<b>~</b>	~	~	_	<b>~</b>	~	
Acetic Anhydride	<b>~</b>	<b>~</b>	~	~	~	_	~	~	
Acetone	~	~	~	~	~	×	~	-	
Acetyl Chloride (dry)	<b>~</b>	-	_	~	~	~	~	~	
Acetylene	<b>~</b>	~	~	~	~	~	<b>~</b>	~	
Acrylonitrile	<b>~</b>	_	~	_	~	_	~	~	
Adipic Acid	<b>~</b>	_	~	~	~	~	~	~	
Alcohols: Amyl	<b>~</b>	_	~	_	_	~	~	_	
Alcohols: Benzyl	~	_	~	_	_	~	~	_	
Alcohols: Butyl	~	_	~	_	_	~	~	_	
Alcohols: Diacetone	~	_	~	_	_	_	~	_	
Alcohols: Ethyl	<b>~</b>	_	~	_	_	~	<b>~</b>	_	
Alcohols: Hexyl	<b>~</b>	_	~	_	_	_	<b>~</b>	_	
Alcohols: Isobutyl	<b>~</b>	_	~	_	_	~	<b>~</b>	_	
Alcohols: Isopropyl	~	_	~	_	_	~	~	_	
Alcohols: Methyl	~	_	~	_	_	_	~	_	
Alcohols: Octyl	~	_	~	_	-	~	-	_	
Alcohols: Propyl	~	_	~	_	_	~	~	_	
Aluminum Chloride	. ,								

	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM
Aluminum Chloride 20%	-	~	-	<b>~</b>	~	<b>~</b>	~	<b>~</b>
Aluminum Fluoride	-	-	<b>~</b>	-	<b>~</b>	<b>~</b>	~	<b>~</b>
Aluminum Hydroxide	<b>~</b>	<b>~</b>	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	-
Aluminum Nitrate	<b>~</b>	~	-	-	<b>~</b>	<b>~</b>	<b>~</b>	-
Aluminum Potassium Sulfate 10%	<b>~</b>	-	-	-	~	~	~	-
Aluminum Sulfate	<b>~</b>	~	<b>~</b>	-	~	~	~	<b>~</b>
Alums	-	-	<b>~</b>	-	-	~	~	-
Amines	<b>~</b>	-	<b>~</b>	-	<b>~</b>	-	<b>~</b>	-
Ammonia 10%	<b>~</b>	-	~	~	~	×	~	-
Ammonia Nitrate	<b>~</b>	-	-	-	-	×	~	-
Ammonia, anhydrous	<b>~</b>	-	~	-	-	×	~	~
Ammonia, liquid	<b>~</b>	-	~	-	~	×	~	-
Ammonium Acetate	<b>~</b>	-	~	~	-	~	~	-
Ammonium Bifluoride	-	-	~	-	~	~	~	-
Ammonium Carbonate	<b>~</b>	-	<b>~</b>	-	<b>~</b>	<b>~</b>	~	<b>~</b>
Ammonium Chloride	-	~	~	-	~	<b>~</b>	~	<b>~</b>
Ammonium Hydroxide	<b>~</b>	~	~	-	~	~	~	<b>~</b>
Ammonium Nitrate	<b>~</b>	~	~	-	~	~	~	<b>~</b>
Ammonium Oxalate	~	-	-	~	-	-	-	-
Ammonium Persulfate	<b>~</b>	-	-	-	~	~	~	<b>~</b>
Ammonium Phosphate, Dibasic	<b>~</b>	-	~	-	~	~	~	-
Ammonium Phosphate, Monobasic	<b>~</b>	-	~	-	-	~	~	-
Ammonium Phosphate, Tribasic	<b>~</b>	-	~	-	-	~	~	_
Ammonium Sulfate	<b>~</b>	~	~	-	~	~	~	<b>~</b>
Ammonium Sulfite	~	_	-	_	_	_	~	-

### **CHEMICAL COMPATIBILITY GUIDE**

Recommended			ES					
Data not available	료		ERI					
Not recommended	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM
Amyl Acetate	<b>~</b>	~	~	~	~	_	~	<b>~</b>
Amyl Alcohol	<b>~</b>	~	~	~	~	~	~	<b>~</b>
Amyl Chloride	~	_	~	~	~	~	~	_
Aniline	<b>~</b>	-	-	-	<b>~</b>	<b>~</b>	~	<b>~</b>
Antifreeze	-	~	~	~	-	~	-	_
Aqua Regia (80% HCl, 20% HNO3)	-	~	-	-	-	~	~	<b>~</b>
Arochlor 1248	~	-	~	~	-	~	~	<b>~</b>
Aromatic Hydrocarbons	-	-	<b>~</b>	-	-	~	-	_
Arsenic Acid	<b>~</b>	-	-	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Asphalt	<b>~</b>	~	<b>~</b>	~	<b>~</b>	~	<b>~</b>	<b>~</b>
Barium Carbonate	<b>~</b>	-	-	-	<b>~</b>	<b>~</b>	<b>~</b>	-
Barium Chloride	<b>~</b>	~	-	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Barium Cyanide	~	-	-	~	-	~	<b>~</b>	-
Barium Hydroxide	<b>~</b>	<b>~</b>	-	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Barium Nitrate	<b>~</b>	-	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	-
Barium Sulfate	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Barium Sulfide	<b>~</b>	-	-	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Beer							<b>~</b>	<b>~</b>
Beet Sugar Liquids	<b>~</b>	-	<b>~</b>	~	~	~	<b>~</b>	<b>~</b>
Benzaldehyde	<b>~</b>	-	<b>~</b>	Ť	~	-	<b>~</b>	<b>~</b>
Benzene	<b>~</b>	-	<b>~</b>	-	<b>~</b>	~	<b>~</b>	<b>~</b>
Benzene Sulfonic Acid	<b>~</b>	-	-	-	<b>~</b>	~	<b>~</b>	<b>~</b>
Benzoic Acid	<b>~</b>	-	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Benzol	<b>~</b>	-	<b>~</b>	-	~	Ť	<b>~</b>	-
Borax (Sodium Borate)		~				<b>~</b>	<b>~</b>	<b>~</b>
	. 1		Y	1	<b>V</b>	1	1	1

Butane   WWY3   Sea   Word   Water   Water				Ŋ					
Butanol (Butyl Alcohol)  Butter — — V V — V V — V — — A — A — A — A — A		316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM
Buttermilk	Butane	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	~
Buttermilk	Butanol (Butyl Alcohol)	<b>~</b>	<b>~</b>	<b>~</b>	-	<b>~</b>	~	<b>~</b>	<b>~</b>
Butyl Amine	Butter	-	-	~	<b>~</b>	-	~	<b>~</b>	-
Butyl Ether	Buttermilk	<b>~</b>	-	~	<b>~</b>	~	~	<b>~</b>	-
Butyl Phthalate	Butyl Amine	-	-	<b>~</b>	-	<b>~</b>	-	<b>~</b>	<b>~</b>
Butylacetate	Butyl Ether	-	~	<b>~</b>	-	<b>~</b>	-	<b>~</b>	-
Butylene	Butyl Phthalate	<b>~</b>	-	<b>~</b>	-	<b>~</b>	-	<b>~</b>	-
Butyric Acid	Butylacetate	<b>~</b>	-	<b>~</b>	-	-	×	<b>~</b>	-
Calcium Bisulfide	Butylene	<b>~</b>	<b>~</b>	<b>~</b>	~	<b>~</b>	~	<b>~</b>	<b>~</b>
Calcium Bisulfite	Butyric Acid	<b>~</b>	-	<b>~</b>	~	~	~	<b>~</b>	-
Calcium Carbonate	Calcium Bisulfide	<b>~</b>	-	-	~	-	~	<b>~</b>	-
Calcium Chloride —	Calcium Bisulfite	<b>~</b>	-	-	-	~	~	<b>~</b>	<b>~</b>
Calcium Hydroxide	Calcium Carbonate	<b>~</b>	-	-	-	<b>~</b>	~	<b>~</b>	-
Calcium Nitrate       —       V       V       —       V       V       V       V       V       V       V       —       V       V       —       V       V       —       V       V       —       V       —       V       —       V       W       —       V       —       V       W       W       W       V	Calcium Chloride	-	~	×	<b>~</b>	<b>~</b>	~	<b>~</b>	<b>~</b>
Calcium Oxide       V       —       —       V       —       —       V       —         Calcium Sulfate       V       V       —       V       V       —       V       —       V       —       V       —       V       —       V       —       V       —       V       —       V       —       V <t< td=""><td>Calcium Hydroxide</td><td><b>~</b></td><td>-</td><td>-</td><td><b>~</b></td><td>~</td><td>~</td><td><b>~</b></td><td><b>~</b></td></t<>	Calcium Hydroxide	<b>~</b>	-	-	<b>~</b>	~	~	<b>~</b>	<b>~</b>
Calcium Sulfate       V	Calcium Nitrate	-	~	~	-	~	~	~	<b>~</b>
Calgon       ✓ </td <td>Calcium Oxide</td> <td><b>~</b></td> <td>-</td> <td>-</td> <td>~</td> <td>-</td> <td>~</td> <td><b>~</b></td> <td>-</td>	Calcium Oxide	<b>~</b>	-	-	~	-	~	<b>~</b>	-
Cane Juice       ✓ <td< td=""><td>Calcium Sulfate</td><td><b>~</b></td><td>~</td><td>-</td><td>_</td><td>~</td><td>~</td><td><b>~</b></td><td>-</td></td<>	Calcium Sulfate	<b>~</b>	~	-	_	~	~	<b>~</b>	-
Carbolic Acid (Phenol)       V <td>Calgon</td> <td><b>~</b></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>~</td> <td>-</td> <td>-</td>	Calgon	<b>~</b>	-	-	-	-	~	-	-
Carbon Bisulfide         -	Cane Juice	<b>~</b>	-	~	-	-	~	<b>~</b>	-
Carbon Dioxide (dry)  Carbon Dioxide (wet)  Carbon Dioxide (wet)  Carbon Disulfide  Carbon Monoxide	Carbolic Acid (Phenol)	<b>~</b>	-	~	~	<b>~</b>	~	<b>~</b>	<b>~</b>
Carbon Dioxide (wet)	Carbon Bisulfide	<b>~</b>	-	~	_	-	~	_	<b>~</b>
Carbon Disulfide	Carbon Dioxide (dry)	~	~	~	~	~	~	~	<b>~</b>
Carbon Monoxide V — V — V V V	Carbon Dioxide (wet)	~	~	~	~	~	~	~	<b>~</b>
	Carbon Disulfide	~	~	~	_	~	~	~	-
Carbon Tetrachloride (wet) V - X - V - V	Carbon Monoxide	~	_	~	_	~	~	~	<b>~</b>
	Carbon Tetrachloride (wet)	~	-	×	_	~	_	~	~



Recommended  Data not available	ᆏ		ERIES					
Not recommended	STE		61 SI	C-276				
	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-2	CARBON	VITON	PTFE	FKMM
Carbonated Water	<b>~</b>	<b>~</b>	<b>~</b>	~	<b>~</b>	<b>~</b>	-	<b>~</b>
Carbonic Acid	<b>~</b>	~	~	~	~	~	~	<b>~</b>
Catsup	<b>~</b>	-	-	~	-	<b>~</b>	-	-
Chlorine (dry)	<b>~</b>	-	-	~	<b>~</b>	~	~	<b>~</b>
Chloroacetic Acid	<b>~</b>	-	-	~	~	-	~	<b>~</b>
Chlorobenzene (Mono)	<b>~</b>	-	~	~	~	~	~	<b>~</b>
Chlorobromomethane	-	-	-	-	-	~	~	<b>~</b>
Chloroform	<b>~</b>	-	~	~	~	~	~	<b>~</b>
Chocolate Syrup	<b>~</b>	-	~	-	-	<b>~</b>	~	-
Chromic Acid 10%	<b>~</b>	-	-	-	~	<b>~</b>	~	<b>~</b>
Chromic Acid 30%	<b>~</b>	_	-	-	~	~	<b>~</b>	<b>~</b>
Chromic Acid 5%	<b>~</b>	_	-	_	~	~	~	<b>~</b>
Cider	<b>~</b>	-	<b>~</b>	~	-	~	-	-
Citric Acid	<b>~</b>	-	-	~	~	~	~	<b>~</b>
Citric Oils	<b>~</b>	-	-	~	-	~	-	-
Cloroxr (Bleach) 5.25% NaCIO	<b>~</b>	<b>~</b>	×	~	-	~	~	<b>~</b>
Coffee	<b>~</b>	_	<b>~</b>	~	-	~	_	-
Copper Chloride	-	<b>~</b>	-	~	-	~	~	<b>~</b>
Copper Cyanide	<b>~</b>	-	-	~	~	~	~	<b>~</b>
Copper Nitrate	<b>~</b>	-	-	-	~	<b>~</b>	~	-
Copper Sulfate>5%	<b>~</b>	~	-	~	~	<b>~</b>	~	<b>~</b>
Copper Sulfate 5%	<b>~</b>	<b>~</b>	-	~	~	~	~	<b>~</b>
Cream	<b>~</b>	_	~	_	_	~	<b>~</b>	-
Cresols	~	_	~	_	~	~	_	~
Cresylic Acid	~	_	~	-	~	~	~	<b>~</b>
Cyanic Acid	~	_	_	_	~	~	~	-
Cyclohexane	<b>~</b>	~	~	_	~	~	~	<b>~</b>

	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM
Cyclohexanone	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	-	<b>~</b>	<b>~</b>
Detergents	<b>~</b>	<b>~</b>	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Diacetone Alcohol	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	-	<b>~</b>	<b>~</b>
Dichlorobenzene	-	-	~	<b>~</b>	<b>~</b>	-	<b>~</b>	-
Dichloroethane	<b>~</b>	-	~	~	~	-	<b>~</b>	-
Diesel Fuel	<b>~</b>	~	~	~	~	~	~	<b>~</b>
Diethyl Ether	<b>~</b>	<b>~</b>	~	<b>~</b>	~	-	<b>~</b>	<b>~</b>
Diethylamine	<b>~</b>	-	~	<b>~</b>	~	<b>~</b>	_	<b>~</b>
Diethylene Glycol	<b>~</b>	_	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Dimethyl Aniline	<b>~</b>	-	~	_	<b>~</b>	_	~	<b>~</b>
Dimethyl Formamide	<b>~</b>	~	~	<b>~</b>	-	_	~	<b>~</b>
Diphenyl	<b>~</b>	_	~	_	-	<b>~</b>	<b>~</b>	-
Diphenyl Oxide	<b>~</b>	_	~	_	-	~	<b>~</b>	<b>~</b>
Dyes	<b>~</b>	_	~	_	-	~	-	-
Epsom Salts (Magnesium Sulfate)	~	-	~	-	~	~	~	-
Ethane	<b>~</b>	~	-	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Ethanol	<b>~</b>	~	~	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Ethanolamine	<b>~</b>	-	~	_	<b>~</b>	_	<b>~</b>	<b>~</b>
Ether	<b>~</b>	_	<b>~</b>	_	<b>~</b>	_	<b>~</b>	-
Ethyl Acetate	<b>~</b>	~	<b>~</b>	~	<b>~</b>	_	<b>~</b>	<b>~</b>
Ethyl Chloride	~	-	~	_	<b>~</b>	~	~	<b>~</b>
Ethyl Ether	<b>~</b>	~	~	_	<b>~</b>	_	<b>~</b>	<b>~</b>
Ethylene Bromide	<b>~</b>	_	~	_	~	~	~	_
Ethylene Chloride	~	_	~	~	~	~	~	<b>~</b>
Ethylene Chlorohydrin	~	_	~	_	~	~	~	_
Ethylene Diamine	~	-	~	_	_	~	~	<b>~</b>
Ethylene Dichloride	<b>~</b>	_	~	_	~	~	<b>~</b>	~

#### **CHEMICAL COMPATIBILITY GUIDE**

Recommended  Data not available			SERIES					
Not recommended	316 STAINLESS STEEL	RYTON	NIUM 6061 SEF	ASTELLOY C-276	z			
	316 STA	PPS RY	ALUMII	HASTE	CARBON	VITON	PTFE	FKMM
Ethylene Glycol	<b>~</b>	<b>~</b>	<b>~</b>	~	~	<b>~</b>	~	~
Ethylene Oxide	<b>~</b>	-	-	~	<b>~</b>	-	<b>~</b>	~
Fatty Acids	<b>~</b>	-	<b>~</b>	~	<b>~</b>	~	<b>~</b>	<b>~</b>
Ferric Chloride	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	<b>~</b>	~
Ferric Nitrate	<b>~</b>	_	-	-	~	~	~	<b>~</b>
Ferric Sulfate	<b>~</b>	_	-	-	-	~	~	~
Ferrous Chloride	-	~	-	-	~	~	~	_
Ferrous Sulfate	<b>~</b>	_	~	-	~	~	<b>~</b>	_
Fluoboric Acid	<b>~</b>	-	-	~	~	~	<b>~</b>	~
Fluorine	-	-	~	-	-	-	-	~
Fluosilicic Acid	_	<b>~</b>	-	-	~	<b>~</b>	~	~
Formaldehyde 100%	_	<b>~</b>	~	~	_	-	~	~
Formaldehyde 40%	<b>~</b>	~	~	~	~	~	~	~
Formic Acid	<b>~</b>	<b>~</b>	<b>~</b>	~	~	_	~	~
Freon 12	<b>~</b>	_	~	~	_	~	~	_
Freon 22	<b>~</b>	_	_	~	_	_	~	_
Freon TF	~	_	-	~	-	~	~	-
Freon 11	~	_	_	~	_	~	~	_
Fruit Juice	~	_	~	~	_	~	~	-
Fuel Oils	<b>~</b>	~	_	~	~	~	~	<b>~</b>
Furan Resin	~	~	~	_	_	_	~	<b>~</b>
Furfural	~	~	~	_	~	-	~	<b>~</b>
Gallic Acid	<b>~</b>	_	_	_	_	~	~	<b>~</b>
Gasoline (high-aromatic)	<b>~</b>	~	_	~	~	~	~	<b>~</b>
Gasoline, leaded, ref.	~	~	~	~	~	~	~	<b>~</b>
Gasoline, unleaded	<b>~</b>	~	~	~	~	~	~	<b>~</b>
Gelatin	~	_	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	~

	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM
Glucose	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Glue, P.V.A.	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Glycerin	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Glycolic Acid	<b>~</b>	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	-
Gold Monocyanide	<b>~</b>	-	-	-	-	<b>~</b>	-	-
Grape Juice	<b>~</b>	-	-	-	-	~	<b>~</b>	-
Grease	-	-	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Heptane	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	-
Hexane	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	~	<b>~</b>	<b>~</b>
Honey	<b>~</b>	-	<b>~</b>	<b>~</b>	-	~	<b>~</b>	-
Hydraulic Oil (Petro)	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	-	~	<b>~</b>	<b>~</b>
Hydraulic Oil (Synthetic)	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	-	~	<b>~</b>	<b>~</b>
Hydrazine	<b>~</b>	-	-	-	-	~	<b>~</b>	<b>~</b>
Hydrocyanic Acid	<b>~</b>	-	~	~	<b>~</b>	~	<b>~</b>	<b>~</b>
Hydrofluoric Acid 100%	<b>~</b>	×	×	-	-	~	<b>~</b>	<b>~</b>
Hydrogen Gas	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	~	~	<b>~</b>	<b>~</b>
Hydrogen Peroxide 5%	<b>~</b>	~	<b>~</b>	~	-	~	<b>~</b>	<b>~</b>
Hydrogen Peroxide 30%	<b>~</b>	-	~	~	-	~	<b>~</b>	<b>~</b>
Hydrogen Peroxide 50%	<b>~</b>	×	~	~	-	~	<b>~</b>	<b>~</b>
Hydrogen Peroxide 100%	<b>~</b>	×	~	~	×	~	<b>~</b>	<b>~</b>
Hydrogen Sulfide (aqua)	-	~	~	~	~	_	~	<b>~</b>
Hydrogen Sulfide (dry)	-	~	~	~	~	_	~	<b>~</b>
Hydroquinone	~	_	~	_	~	~	~	<b>~</b>
lodine	-	_	~	~	_	~	~	<b>~</b>
lodine (in alcohol)	-	_	~	_	_	_	_	<b>~</b>
lodoform	~	-	-	_	-	-	_	<b>~</b>
Isooctane	~	-	~	~	~	~	~	<b>~</b>



Recommended			ES					
Data not available	ᇤ		SERI					
Not recommended	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM
Isopropyl Acetate	_	_	_	-	~	_	~	<b>~</b>
Isopropyl Ether	~	_	~	~	~	_	~	<b>~</b>
Jet Fuel (JP3, JP4, JP5)	<b>~</b>	~	<b>~</b>	~	<b>~</b>	~	<b>~</b>	_
Kerosene	<b>~</b>	~	<b>~</b>	-	~	~	~	<b>~</b>
Ketones	<b>~</b>	-	~	~	~	×	~	-
Lacquer Thinners	~	-	<b>~</b>	~	~	×	<b>~</b>	<b>~</b>
Lacquers	<b>~</b>	-	<b>~</b>	~	<b>~</b>	×	<b>~</b>	<b>~</b>
Lactic Acid	<b>~</b>	~	<b>~</b>	-	~	~	<b>~</b>	<b>~</b>
Lard	<b>~</b>	-	<b>~</b>	~	~	<b>~</b>	<b>~</b>	<b>~</b>
Latex	<b>~</b>	-	<b>~</b>	<b>~</b>	-	<b>~</b>	<b>~</b>	-
Lead Acetate	<b>~</b>	-	-	-	<b>~</b>	-	<b>~</b>	<b>~</b>
Lead Nitrate	<b>~</b>	-	-	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Lime	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Linoleic Acid	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Lithium Chloride	<b>~</b>	-	-	-	<b>~</b>	<b>~</b>	<b>~</b>	-
Lithium Hydroxide	<b>~</b>	-	-	-	-	-	<b>~</b>	-
Lubricants	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Lye: Ca(OH)2 Calcium Hydroxide	<b>~</b>	-	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Lye: KOH Potassium Hydroxide	<b>~</b>	-	-	-	-	<b>~</b>	<b>~</b>	<b>~</b>
Lye: NaOH Sodium Hydroxide	<b>~</b>	-	-	-	-	<b>~</b>	<b>~</b>	<b>~</b>
Magnesium Bisulfate	<b>~</b>	-	_	-	<b>~</b>	_	<b>~</b>	-
Magnesium Carbonate	~	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	-
Magnesium Chloride	-	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Magnesium Hydroxide	<b>~</b>	~	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Magnesium Nitrate	<b>~</b>	-	<b>~</b>	<b>~</b>	-	<b>~</b>	<b>~</b>	-
Magnesium Oxide	<b>~</b>	-	<b>~</b>	<b>~</b>	-	-	<b>~</b>	-
Magnesium Sulfate (Epsom Salts)	<b>~</b>	-	~	-	~	<b>~</b>	<b>~</b>	~

		•••••			•••••	•••••	•••••	••••••
	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM
Maleic Acid	~	-	~	_	~	~	~	~
Maleic Anhydride	~	_	~	~	_	~	~	~
Malic Acid	~	_	~	_	_	~	~	~
Manganese Sulfate	~	_	~	~	~	~	~	_
Mash	~	_	~	~	_	~	_	_
Mayonnaise	-	_	~	~	_	~	~	_
Mercurous Nitrate	~	_	_	~	_	~	~	_
Mercury	~	_	_	~	_	~	~	~
Methane	~	~	~	~	-	~	~	~
Methanol (Methyl Alcohol)	<b>~</b>	~	<b>~</b>	~	~	×	<b>~</b>	~
Methyl Acetate	~	_	<b>~</b>	~	~	_	<b>~</b>	~
Methyl Acetone	~	-	~	_	~	-	~	_
Methyl Acrylate	~	~	-	_	-	-	-	~
Methyl Alcohol 10%	~	~	~	~	~	_	~	~
Methyl Bromide	~	_	_	_	~	~	~	~
Methyl Butyl Ketone	~	_	_	_	_	_	_	~
Methyl Cellosolve	~	_	~	_	~	_	~	~
Methyl Chloride	~	_	_	_	~	~	~	~
Methyl Ethyl Ketone	~	~	~	~	~	×	~	~
Methyl Isobutyl Ketone	~	~	~	~	~	_	~	~
Methyl Isopropyl Ketone	~	_	~	_	~	_	~	_
Methyl Methacrylate	~	~	-	_	-	_	-	~
Methylamine	~	-	~	_	~	-	~	-
Methylene Chloride	~	_	_	_	~	~	~	<b>~</b>
Milk	~	-	~	~	~	~	~	<b>~</b>
Mineral Spirits	~	-	~	_	~	~	~	-
Molasses	<b>~</b>	_	<b>~</b>	<b>~</b>	<b>~</b>	~	<b>~</b>	_

### **CHEMICAL COMPATIBILITY GUIDE**

CHEMICAL CON	IPA			IY	GU	IDE											
<ul> <li>Recommended</li> <li>Data not available</li> <li>Not recommended</li> </ul>	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM		316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM
Monochloroacetic acid	<b>~</b>	-	-	<b>~</b>	-	-	<b>~</b>	-	Oils: Creosote	<b>~</b>	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	_
Monoethanolamine	<b>~</b>	-	<b>~</b>	-	<b>~</b>	_	<b>~</b>	<b>~</b>	Oils: Diesel Fuel (20, 30, 40, 50)	<b>~</b>	-	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	-
Morpholine	-	-	<b>~</b>	<b>~</b>	<b>~</b>	-	<b>~</b>	-	Oils: Fuel (1, 2, 3, 5A, 5B, 6)	<b>~</b>	-	-	-	<b>~</b>	~	<b>~</b>	-
Motor oil	<b>~</b>	~	<b>~</b>	<b>~</b>	~	-	~	~	Oils: Hydraulic Oil (Petro)	<b>~</b>	-	~	-	<b>~</b>	~	~	-
Mustard	<b>~</b>	-	<b>~</b>	<b>~</b>	~	-	~	-	Oils: Hydraulic Oil (Synthetic)	~	-	~	-	<b>~</b>	~	~	-
Naphtha	<b>~</b>	~	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	Oils: Lemon	<b>~</b>	-	<b>~</b>	-	-	~	<b>~</b>	-
Naphthalene	<b>~</b>	-	<b>~</b>	~	~	~	~	~	Oils: Linseed	<b>~</b>	-	~	-	-	~	~	-
Natural Gas	<b>~</b>	-	<b>~</b>	~	-	~	~	~	Oils: Mineral	<b>~</b>	-	~	-	<b>~</b>	~	~	-
Nickel Nitrate	<b>~</b>	-	-	-	-	~	~	-	Oils: Olive	<b>~</b>	-	~	-	<b>~</b>	~	~	<b>~</b>
Nickel Sulfate	<b>~</b>	-	-	-	~	<b>~</b>	~	<b>~</b>	Oils: Orange	<b>~</b>	-	<b>~</b>	-	-	~	-	-
Nitric Acid (5-10%)	<b>~</b>	_	×	<b>~</b>	~	<b>~</b>	~	<b>~</b>	Oils: Palm	<b>~</b>	_	-	_	_	~	<b>~</b>	-
Nitric Acid (20%)	<b>~</b>	×	×	<b>~</b>	<b>~</b>	<b>~</b>	~	<b>~</b>	Oils: Peanut	<b>~</b>	-	~	-	-	~	<b>~</b>	-
Nitric Acid (50%)	<b>~</b>	×	×	-	-	~	<b>~</b>	~	Oils: Peppermint	~	-	-	-	-	~	~	-
Nitric Acid (Concentrated)	<b>~</b>	×	×	-	-	~	~	~	Oils: Pine	~	-	~	-	-	~	~	-
Nitrobenzene	<b>~</b>	-	<b>~</b>	-	-	~	<b>~</b>	~	Oils: Rapeseed	<b>~</b>	-	-	-	-	~	~	-
Nitromethane	<b>~</b>	-	<b>~</b>	<b>~</b>	~	_	~	<b>~</b>	Oils: Rosin	<b>~</b>	-	<b>~</b>	_	_	~	<b>~</b>	-
Nitrous Acid	<b>~</b>	_	_	-	_	<b>~</b>	~	_	Oils: Sesame Seed	<b>~</b>	_	_	_	_	~	<b>~</b>	_
Nitrous Oxide	<b>~</b>	-	<b>~</b>	-	-	~	~	-	Oils: Silicone	~	-	~	-	-	~	~	-
Oils: Aniline	<b>~</b>	-	-	-	-	-	~	-	Oils: Soybean	~	-	~	-	-	~	~	-
Oils: Castor	<b>~</b>	-	<b>~</b>	-	-	~	~	-	Oils: Sperm (whale)	<b>~</b>	-	-	-	-	~	~	-
Oils: Cinnamon	<b>~</b>	-	-	-	_	<b>~</b>	<b>~</b>	_	Oils: Tanning	<b>~</b>	-	-	_	-	~	-	-
Oils: Citric	<b>~</b>	-	<b>~</b>	-	-	~	~	-	Oils: Transformer	<b>~</b>	-	~	-	<b>~</b>	~	~	-
Oils: Clove	<b>~</b>	-	<b>~</b>	-	_	~	~	-	Oils: Turbine	~	-	~	-	<b>~</b>	~	~	-
Oils: Coconut	<b>~</b>	-	~	-	-	~	~	-	Oleic Acid	~	-	~	~	~	~	~	-
Oils: Cod Liver	<b>~</b>	_	<b>~</b>	-	_	~	<b>~</b>	-	Oleum 100%	~	-	~	_	_	~	~	-
Oils: Corn	<b>~</b>	-	~	-	_	~	~	-	Oleum 25%	~	_	~	~	-	~	~	-
Oils: Cottonseed	<b>~</b>	-	<b>~</b>	-	-	~	<b>~</b>	-	Oxalic Acid (cold)	<b>~</b>	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	~



A Programme to the																	
Recommended  Data not available			RIES									RIES					
Not recommended	STEEL		1 SE	9,						STEEL		1 SE	9,				
Not recommended			909 V	. C-27						SS		909 V	C-27				
	AINL	YTON	S N	LLO)	NO					AINE	YTON	Ž	(O)	NO			
	316 STAINLESS	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM		316 STAINLESS	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM
	က်	Δ.	⋖	I	ပ	>	Δ.	ш	Plating Calutions (Cadmium)	Ė	Δ.	⋖	I	ပ	>	Δ.	ш
Ozone	~	-	~	-	-	~	<b>~</b>	<b>Y</b>	Plating Solutions (Cadmium): Fluoborate Bath 100°F	~	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	<b>~</b>
Palmitic Acid	<b>~</b>	-	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	Plating Solutions, (Chromium): Black Chrome Bath 115°F	-	-	<b>~</b>	-	-	-	<b>~</b>	<b>~</b>
Paraffin	<b>~</b>	-	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	-	Plating Solutions, (Chromium): Chromic-Sulfuric Bath 130°F	-	-	<b>~</b>	-	-	-	<b>~</b>	~
Pentane	-	-	<b>~</b>	-	-	<b>~</b>	~	-	Plating Solutions, (Chromium): Fluoride Bath 130°F	-	-	<b>~</b>	-	-	-	<b>~</b>	~
Perchloroethylene	<b>~</b>	-	-	-	~	<b>~</b>	~	~	Plating Solutions, (Chromium): Fluosilicate Bath 95°F	-	-	<b>~</b>	-	-	-	<b>~</b>	~
Petrolatum	<b>~</b>	-	_	~	~	~	_	-	Plating Solutions (Copper) (Acid): Copper Fluoborate Bath 120°F	~	_	~	_	-	~	<b>~</b>	~
Petroleum	<b>~</b>	-	-	-	~	<b>~</b>	<b>~</b>	~	Plating Solutions (Copper) (Acid): Copper Sulfate Bath R.T.	-	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	~
Phenol (10%)	<b>~</b>	-	<b>~</b>	-	~	<b>~</b>	~	~	Plating Solutions (Copper) (Cyanide): High-Speed Bath 180°F	-	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	~
Phenol (Carbolic Acid)	<b>~</b>	-	<b>~</b>	<b>~</b>	~	<b>~</b>	~	<b>~</b>	Plating Solutions (Copper) (Cyanide): Rochelle Salt Bath 150°F	-	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	~
Phosphoric Acid (>40%)	×	<b>~</b>	×	<b>~</b>	-	<b>~</b>	~	~	Plating Solutions (Copper) (Misc): Copper (Electroless)	-	-	<b>~</b>	_	-	<b>~</b>	<b>~</b>	~
Phosphoric Acid (crude)	-	<b>~</b>	×	-	-	<b>~</b>	~	~	Plating Solutions (Copper) (Misc): Copper Pyrophosphate	-	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	~
Phosphoric Acid (<40%)	-	<b>~</b>	×	~	~	<b>~</b>	~	~	Potash (Potassium Carbonate)	~	-	-	-	~	<b>~</b>	-	_
Phosphorus	<b>~</b>	-	<b>~</b>	<b>~</b>	-	-	<b>~</b>	-	Potassium Bicarbonate	<b>~</b>	-	-	-	<b>~</b>	<b>~</b>	<b>~</b>	_
Phosphorus Trichloride	<b>~</b>	<b>~</b>	-	<b>~</b>	~	<b>~</b>	~	~	Potassium Bromide	<b>~</b>	-	-	-	<b>~</b>	<b>~</b>	<b>~</b>	-
Photographic Developer	<b>~</b>	-	-	-	~	<b>~</b>	<b>~</b>	-	Potassium Chlorate	<b>~</b>	-	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	_
Photographic Solutions	-	-	-	-	~	<b>~</b>	~	-	Potassium Chloride	-	~	×	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	~
Phthalic Acid	<b>~</b>	-	~	-	~	~	~	-	Potassium Chromate	~	-	~	~	~	~	<b>~</b>	_
Phthalic Anhydride	<b>~</b>	-	~	~	~	~	~	-	Potassium Cyanide Solutions	~	-	-	-	~	~	<b>~</b>	~
Picric Acid	<b>~</b>	-	-	-	~	~	~	~	Potassium Dichromate	~	-	~	-	~	~	<b>~</b>	~
Plating Solutions, Antimony Plating 130°F	<b>~</b>	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	~	Potassium Ferricyanide	<b>~</b>	-	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	_
Plating Solutions, Arsenic Plating 110°F	<b>~</b>	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	<b>~</b>	Potassium Ferrocyanide	<b>~</b>	-	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	_
Plating Solutions (Brass): High-Speed Brass Bath 110°F	-	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	~	Potassium Hydroxide (Caustic Potash)	<b>~</b>	<b>~</b>	×	-	×	<b>~</b>	<b>~</b>	~
Plating Solutions (Brass): Regular Brass Bath 100°F	<b>~</b>	-	~	-	-	~	~	<b>~</b>	Potassium Hypochlorite	-	~	×	~	-	-	~	<b>~</b>
Plating Solutions (Bronze): Cu-Cd Bronze Bath R.T.	<b>~</b>	-	~	-	-	~	~	<b>~</b>	Potassium Iodide	~	-	~	~	~	~	~	-
Plating Solutions (Bronze): Cu-Sn Bronze Bath 160°F	<b>~</b>	-	~	-	-	~	~	<b>~</b>	Potassium Nitrate	~	-	~	-	~	~	~	<b>~</b>
Plating Solutions (Bronze): Cu-Zn Bronze Bath 100°F	<b>~</b>	-	~	-	-	~	<b>~</b>	<b>~</b>	Potassium Oxalate	~	-	~	~	~	-	~	-
Plating Solutions (Cadmium): Cyanide Bath 90°F	-	-	<b>~</b>	-	-	<b>~</b>	<b>~</b>	<b>~</b>	Potassium Permanganate	<b>~</b>	-	<b>~</b>	<b>~</b>	-	<b>~</b>	<b>~</b>	-

#### **CHEMICAL COMPATIBILITY GUIDE**

CHEMICAL CON	IPA	TIB	ILI.	ΓY	GU	IDE			
Recommended Data not available Not recommended	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM	
Potassium Sulfate	<b>~</b>	-	-	-	<b>~</b>	<b>~</b>	~	<b>~</b>	Sodium Carbo
Potassium Sulfide	<b>~</b>	-	-	-	<b>~</b>	<b>~</b>	<b>~</b>	-	Sodium Chlo
Propane (liquefied)	<b>~</b>	<b>~</b>	~	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	Sodium Chlo
Propylene	<b>~</b>	<b>~</b>	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	Sodium Chro
Propylene Glycol	<b>~</b>	~	<b>~</b>	-	-	<b>~</b>	~	-	Sodium Cya
Pyridine	<b>~</b>	-	<b>~</b>	-	<b>~</b>	-	~	<b>~</b>	Sodium Ferrocya
Pyrogallic Acid	<b>~</b>	-	~	-	<b>~</b>	~	~	-	Sodium Fluo
Rosins	<b>~</b>	-	~	-	<b>~</b>	~	~	-	Sodium Hydrosi
Rum	<b>~</b>	-	_	_	-	<b>~</b>	_	-	Sodium Hydroxide (
Rust Inhibitors	<b>~</b>	-	_	-	-	~	-	-	Sodium Hydroxide (
Salad Dressings	<b>~</b>	-	~	-	_	~	_	-	Sodium Hydroxide (
Salicylic Acid	<b>~</b>	_	<b>~</b>	~	~	~	~	<b>~</b>	Sodium Hypochlorite (<
Salt Brine (NaCl saturated)	<b>~</b>	_	~	~	~	~	~	<b>~</b>	Sodium Hypochlorite (1
Sea Water	<b>~</b>	_	_	~	~	~	~	<b>~</b>	Sodium Hyposu
Shellac (Bleached)	<b>~</b>	_	~	_	~	~	~	_	Sodium Metaphosp
Shellac (Orange)	<b>~</b>	_	~	_	~	~	~	-	Sodium Metasili
Silicone	<b>~</b>	_	~	_	~	~	~	_	Sodium Ni
Silver Nitrate	<b>~</b>	_	_	~	<b>~</b>	~	~	~	Sodium Perbo
Soap Solutions	<b>~</b>	_	_	~	~	~	~	<b>~</b>	Sodium Pero
Soda Ash (see Sodium Carbonate)	<b>~</b>	_	_	_	_	~	~	~	Sodium Polyphosp
Sodium Acetate	<b>~</b>	~	~	~	<b>~</b>	_	~	~	Sodium Sil
Sodium Aluminate	<b>~</b>	_	_	_	<b>~</b>	~	~	_	Sodium Su
Sodium Benzoate	_	_	~	~	<b>~</b>	~	~	_	Sodium Su
Sodium Bicarbonate	<b>~</b>	~	_	_	~	~	~	~	Sodium So
Sodium Bisulfate	-	~	_	_	~	~	~	_	Sodium Tetrabo
Sodium Bisulfite	<b>~</b>	_	-	_	~	~	~	~	Sodium Thiosulfate (h
Sodium Borate (Borax)	~	_	-	~	~	~	<b>~</b>	~	Sorg

	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM
Sodium Carbonate	<b>~</b>	~	-	<b>~</b>	<b>~</b>	~	<b>~</b>	-
Sodium Chlorate	<b>~</b>	-	-	-	-	~	<b>~</b>	-
Sodium Chloride	<b>~</b>	~	-	~	~	~	~	<b>~</b>
Sodium Chromate	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	~	<b>~</b>	-
Sodium Cyanide	<b>~</b>	~	-	~	~	~	<b>~</b>	<b>~</b>
Sodium Ferrocyanide	<b>~</b>	-	~	~	~	~	<b>~</b>	-
Sodium Fluoride	-	-	~	~	~	~	~	-
Sodium Hydrosulfite	-	~	~	~	-	~	~	-
Sodium Hydroxide (20%)	<b>~</b>	~	×	-	~	-	~	<b>~</b>
Sodium Hydroxide (50%)	<b>~</b>	<b>~</b>	×	-	~	×	<b>~</b>	<b>~</b>
Sodium Hydroxide (80%)	-	<b>~</b>	×	_	-	×	<b>~</b>	<b>~</b>
Sodium Hypochlorite (<20%)	×	-	×	_	~	~	<b>~</b>	<b>~</b>
Sodium Hypochlorite (100%)	×	-	×	_	-	~	<b>~</b>	<b>~</b>
Sodium Hyposulfate	<b>~</b>	-	-	_	_	_	<b>~</b>	_
Sodium Metaphosphate	<b>~</b>	-	_	_	~	~	<b>~</b>	<b>~</b>
Sodium Metasilicate	<b>~</b>	-	-	<b>~</b>	-	~	<b>~</b>	_
Sodium Nitrate	<b>~</b>	<b>~</b>	~	_	_	~	<b>~</b>	<b>~</b>
Sodium Perborate	<b>~</b>	-	-	_	_	~	<b>~</b>	<b>~</b>
Sodium Peroxide	~	-	_	_	~	~	~	<b>~</b>
Sodium Polyphosphate	<b>~</b>	-	-	<b>~</b>	~	~	<b>~</b>	_
Sodium Silicate	~	-	~	_	~	~	~	<b>~</b>
Sodium Sulfate	~	~	~	_	~	~	~	<b>~</b>
Sodium Sulfide	~	~	_	_	~	~	~	_
Sodium Sulfite	~	_	_	_	~	~	~	_
Sodium Tetraborate	~	_	_	_	_	~	~	_
Sodium Thiosulfate (hypo)	~	~	~	_	_	~	~	~
Sorghum	<b>~</b>	-	-	-	-	<b>~</b>	-	-



Recommended Data not available Not recommended	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM
Soy Sauce	<b>~</b>	-	<b>~</b>	-	-	<b>~</b>	-	~
Starch	<b>~</b>	-	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	-
Stearic Acid	<b>~</b>	-	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
Stoddard Solvent	<b>~</b>	~	<b>~</b>	~	<b>~</b>	~	<b>~</b>	~
Styrene	~	-	~	-	<b>~</b>	~	~	~
Sugar (Liquids)	~	-	~	~	<b>~</b>	~	~	~
Sulfate (Liquors)	~	-	-	-	<b>~</b>	~	~	-
Sulfur Dioxide	-	~	~	-	~	~	~	~
Sulfur Dioxide (dry)	-	~	~	-	~	<b>~</b>	~	~
Sulfur Trioxide	<b>~</b>	-	<b>~</b>	-	-	~	~	~
Sulfur Trioxide (dry)	-	_	~	-	_	~	~	<b>~</b>
Sulfuric Acid (<10%)	-	~	-	~	~	~	~	<b>~</b>
Sulfuric Acid (10-75%)	×	~	×	~	<b>~</b>	~	~	<b>~</b>
Sulfuric Acid (75-100%)	×	<b>~</b>	×	<b>~</b>	×	<b>~</b>	~	<b>~</b>
Sulfuric Acid (cold concentrated)	×	~	×	<b>~</b>	_	~	~	~
Sulfuric Acid (hot concentrated)	×	~	×	_	×	~	~	~
Sulfurous Acid	~	_	~	_	~	~	~	~
Tallow	~	_	~	_	~	~	~	_
Tannic Acid	~	_	_	_	~	~	~	~
Tanning Liquors	~	_	~	_	_	~	~	-
Tartaric Acid	_	_	~	_	~	~	~	~
Tetrachloroethane	~	_	_	~	~	~	~	_
Tetrahydrofuran	~	~	_	~	~	-	~	<b>~</b>
Toluene (Toluol)	~	_	~	~	~	×	~	<b>~</b>
Tomato Juice	~	~	~	_	~	~	~	<b>~</b>
Trichloroethane	~	_	-	~	~	~	~	<b>~</b>
Trichloroethylene	~	_	_	~	~	~	~	~

•••••		•••••	•••••	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••
	316 STAINLESS STEEL	PPS RYTON	ALUMINIUM 6061 SERIES	HASTELLOY C-276	CARBON	VITON	PTFE	FKMM
Trichloropropane	<b>~</b>	-	-	~	-	~	~	-
Tricresylphosphate	<b>~</b>	-	-	~	<b>~</b>	~	<b>~</b>	<b>~</b>
Triethylamine	<b>~</b>	_	-	-	<b>~</b>	-	<b>~</b>	<b>~</b>
Trisodium Phosphate	<b>~</b>	~	-	-	-	~	<b>~</b>	-
Turpentine	<b>~</b>	~	<b>~</b>	-	~	~	~	<b>~</b>
Urea	<b>~</b>	-	<b>~</b>	_	~	~	~	-
Uric Acid	<b>~</b>	-	-	-	<b>~</b>	-	~	-
Urine	<b>~</b>	-	<b>~</b>	-	<b>~</b>	~	~	-
Varnish	<b>~</b>	-	<b>~</b>	<b>~</b>	<b>~</b>	~	~	<b>~</b>
Vegetable Juice	<b>~</b>	~	-	-	-	~	<b>~</b>	<b>~</b>
Vinegar	<b>~</b>	~	-	~	~	~	<b>~</b>	<b>~</b>
Vinyl Acetate	~	_	~	_	~	~	<b>~</b>	_
Vinyl Chloride	<b>~</b>	_	~	~	~	~	<b>~</b>	<b>~</b>
Water, Acid, Mine	<b>~</b>	_	-	~	~	~	<b>~</b>	<b>~</b>
Water, Deionized	<b>~</b>	~	~	~	~	~	<b>~</b>	<b>~</b>
Water, Distilled	~	~	~	~	~	~	~	<b>~</b>
Water, Fresh	~	~	~	~	~	~	~	<b>~</b>
Water, Salt	~	~	~	~	~	~	~	~
Weed Killers	~	_	_	_	_	~	_	_
Whey	~	_	~	_	_	~	~	_
Whiskey & Wines	~	_	-	_	-	~	~	<b>~</b>
White Liquor (Pulp Mill)	~	_	~	~	~	~	~	_
White Water (Paper Mill)	~	_	_	_	_	~	_	_
Xylene	~	_	~	~	~	~	~	<b>~</b>
Zinc Chloride	~	~	_	_	~	~	~	<b>~</b>
Zinc Hydrosulfite	~	_	_	_	_	_	~	_