RATINGS -
CHEMICAL EFFECT
A: No effect - Excellent
B: Minor effect - Good
C: Moderate effect - Fair
D: Severe effect -
Not Recommended

	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
Acetaldehyde	A	A	A	A	D	A	A	D	C	A	A	B	B	D	D	D	A	B	A	C	A/150
Acetamide	B	A	-	-	-	B	-	-	-	-	A	-	A	A	A	A	A	A	A	A/70	A/140
Acetate Solvents	B	A	-	-	B	-	A	-	B	A	A	-	-	D	D	-	A	B	A	B/72	A
Acetic Acid, Glacial	B	A	A	A	C	D	D	D	B	A	A	B	B	D	D	D	A	B	D	A/100	A/120
Acetic Acid--20%	-	A	A	A	B	-	D	-	-	-	A	-	-	B	C	C	A	B	D	B/70	A
Acetic Acid--30%														B	C	C	A	B	D	C	A
Acetic Acid--50%														C	C	C	A	B	D	C	B
Acetic Acid--80%	-	-	A	A	D	-	D	-	-	-	A	-	-	D	-	D	A	-	-	B	
Acetic Acid	B	A	A	A	A	D	D	C	B	A	A	-	B	C	C	C	A	B	D	A	
Acetic Anhydryde	A	A	A	A	D	D	D	D	A	A	A	C	B	B	D	D	A	B	D	C	B/70
Acetone	A	A	A	A	D	B	A	D	C	A	A	B	A	D	D	D	A	A	A	A	D
Acetone Cyanohydrin														B	D	D	A	A	B	-	-
Acetonitrile (Methyl Cyanide)														A	C	D	A	A	A	B	D
Acetophenone														D	D	D	A	B	A	A/70	A/70
Acetyl Acetone														D	D	D	A	B	D	-	A
Acetyl Chloride	C	A	-	-	-	-	-	-	-	-	-	-	-	D	D	B	A	D	A	-	A
Acetylene	A	A	-	B	A	A	-	-	A	A	A	C	A	B	A	A	A	A	-	A/72	A
Acetyl Salicyclic Acid (Aspirin)														D	-	-	A	A	D	-	-
Acetylene Tetrabromide														D	D	A	A	-	D	-	-
Acrolein (Acryladehyde)														-	B	A	A	A	B	-	-
Acrylonitrile	A	C	-	B	-	B	-	D	-	A	A	-	D	D	D	D	A	B	A	B	A
Adipic Acid														D	B	-	A	B	B	B	A
Alcohols																					
Amyl	A	A	A	A	A	A	A	B	B	A	A	D	A	A	A	A	A	C	C	B	
Benzyl	A	A	A	A	D	A	A	D	D	A	A	-	B	B	D	A	-	B	-	A	
Butyl	A	A	B	A	A	A	A	-	B	A	A	D	A	A	A	A	A	B	C	B	
Diacetone	A	A	A	A	D	A	A	-	-	A	A	-	A	D	D	D	-	A	-	D	
Ethyl	A	A	A	A	A	B	A	B	B	A	A	B	B	A	A	A	-	B	A	A	
Hexyl	A	A	A	A	A	A	A	-	-	A	A	D	A	B	A	A	-	A	-	A	
Lsobutyl	A	A	A	A	-	A	A	B	-	A	A	B	A	A	C	A	-	B	-	-	
Lsopropyl	A	A	A	A	-	A	A	-	-	A	A	C	A	B	C	A	-	B	C	A	
Methyl	A	A	A	A	B	C	A	D	B	A	A	-	A	A	B	C	A	B	A	A	
Oc yl	A	A	A	A	-	A	A	-	-	A	A	-	A	B	B	A	-	A	-	-	
Propyl	A	A	A	A	A	A	A	-	-	A	A	B	A	A	A	A	A	A	-	A	
Allyl Alcohol														A	A	B	A	B	A	-	A
Allyl Bromide														D	D	B	A	D	A	-	-
Allyl Chloride														D	D	B	A	D	C	A	A
Almond Oil (Artificial)														D	D	D	A	-	-	-	A
Alkazene														D	D	A	A	-	-	-	-
Aluminum Acetate														B	C	D	A	A	D	-	-
Aluminum Bromide														D	D	B	A	D	A	-	-
Aluminum Chloride 20%	D	C	A	A	A	C	A	-	B	A	A	-	A	A	A	A	A	D	C	A	A
Aluminum Chloride	D	C	C	A	A	-	D	-	-	A	A	C	-	A	A	A	A	D	D	A	
Aluminum Flouride	D	C	D	B	A	C	D	-	B	A	-	C	-	A	A	-	A	D	A	A	A
Aluminum Hydroxide	A	A	-	-	A	B	A	-	-	A	A	-	-	A	A	A	A	A	D	A	A
Aluminum Nitrate														A	A	A	A	B	D	A	A
Aluminum Phosphate														A	A	A	A	A	A	-	-
Aluminum Potassium Sulfate (Alum)														A	A	A	A	B	D	A	A
Aluminum Sodium Sulfate Soda (Alum)														A	A	A	A	-	-	-	-

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	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
Alum Potassium Sulfate (Alum) 10%	A	-	-	B	A	-	A	-	A	A	A	-	-	A	-	A	A	A	D	-	
Alum Potassium Sulfate (Alum) 100%	D	A	-	B	A	C	D	-	B	A	A	-	-	A	A	A	A	B	-	A	
Aluminum Sulfate	C	C	A	A	A	C	A	-	B	A	A	-	A	A	A	A	A	A	D	A	A
Amines	A	A	B	A	C	D	A	-	-	A	A	C	B	B	D	D	A	A	B	-	-
Ammonia 10%	-	A	A	A	A	-	A	-	-	-	A	-	-	A	D	A	A	-	-	A	
Ammonia, Anhydrous	B	A	B	A	A	D	A	-	B	C	A	B	A	A	B	D	A	B	D	A/70	A
Ammonia - Cupric Sulfate														-	A	A	A		A	-	-
Ammonia, Liquids	A	A	-	B	A	D	-	-	D	A	A	B	A	A	B	D	A	D	A	A/70	A
Ammonium Nitrate	A	A	-	-	B	C	-	-	-	A	A	-	-	C	A	-	-	C	A	A	A
Ammonium Acetate														A	-	A	A	A	C	-	-
Ammonium Bicarbonate														A	A	A	A	B	B	-	-
Ammonium Biflouride	C	A	-	B	A	D	-	-	-	-	A	-	-	A	A	A	A	D	-	A/70	A
Ammonium Carbonate	A	A	A	B	A	D	A	-	-	A	A	C	A	A	D	B	A	C	C	A	A
Ammonium Casenite	-	A	-	-	-	D	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-
Ammonium Chloride	A	C	A	A	A	B	A	-	B	A	A	C	A	A	A	A	A	C	D	A	A
Ammonium Dichromate														A	A	-	A	A	A	-	A
Ammonium Flouride														B	B	A	A	D	B	B	A
Ammonium Hydroxide	A	A	A	A	A	D	A	B	B	A	A	B	A	A	B	B	A	C	A	A	A
Ammonium Metaphosphate														A	A	A	A	B	B	-	-
Ammonium Nitrate	A	A	A	A	A	C	D	-	B	A	A	C	A	A	A	B	A	B	A	A	A
Ammonium Nitrite														A	A	-	A	-	A	A/70	A
Ammonium Oxalate	A	A	-	A	-	B	-	-	-	A	A	-	-	A	A	-	-	-	-	-	-
Ammonium Persulfate	A	A	A	A	A	D	D	-	-	A	A	-	A	A	D	A	A	C	D	A	A
Ammonium Phosphate, Dibasic	A	A	A	A	A	B	A	-	B	A	A	B	A	A	A	A	A	B	-	A	A
Ammonium Phosphate, Monobasic	A	A	A	A	A	B	A	-	B	A	A	B	A	A	A	A	A	B	-	A	A
Ammonium Phosphate, Tribasic	A	A	A	A	A	B	A	-	B	A	A	B	A	A	A	A	A	B	-	A	A
Ammonium Sulfate	A	B	A	A	A	B	D	-	B	A	A	B	A	A	A	D	A	B	C	A	A/B
Ammonium Sulfide														A	A	A	A	B	A	-	A
Ammonium Sulfite														-	A	A	A	C	D	A	A
Ammonium Thiocyanate														A	A	A	A	C	C	-	-
Ammonium Thio - Sulfate	-	A	A	-	-	B	-	-	-	A	A	-	-	A	A	-	A	-	D	-	A/120
Amyl - Acetate	A	A	A	A	D	A	B	-	D	A	A	D	A	D	D	D	A	B	A	C/70	A/120
Amyl - Alcohol	A	A	A	A	A	A	A	-	B	A	A	D	A	B	B	B	A	B	A	B	A
Amyl - Borate														B	A	A	A	-	-	-	-
Amyl - Chloride	C	B	-	A	D	A	C	-	D	A	A	-	D	D	D	A	A	D	A	D	A
Amyl - Chloronaphthalene														D	D	A	A	-	A	-	-
Amyl Naphthalene														D	D	A	A	-	A	-	-
Amyl Phenol														-	D	A	A	A	A	-	-
Aniline	A	A	C	B	D	D	C	D	C	A	A	C	B	D	D	D	A	C	A	B	C/70
Aniline Dyes														B	C	A	A	B	A	-	-
Aniline Hydrochloride														D	C	B	A	D	D	D	A
Animal Fats														B	A	A	A	A	A	-	-
Animal Gelatin														A	A	A	A	-	A	-	-
Anisole (Methylpheny Ether)														D	-	D	A	B	B	-	-
Anthraquinone														-	-	-	A	B	B	-	-
Anti - Freeze	A	A	-	A	A	A	A	B	B	A	A	C	A	A	A	A	A	A	B	A	
Anti - Freeze (Alcohol Base)														A	A	A	A	A	A	A	-
Anti - Freeze (Glycol Base)														B	A	A	A	A	A	A	-
Antimony Pentachloride														-	D	-	A	A	A	-	-

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Antimony Trichloride	D	D	-	A	A	-	D	-	A	-	A	-	-	-	B	A	A	D	A	A	A
Aqua Regia														D	D	C	A	D	D	B	A/70
Aqua Regia (80%, HCl, 20%, HNO)	D	D	A	D	D	D	D	-	D	-	D	C	D	D	D	C	A	D	-	C	
Arochlor 1248	-	-	-	-	-	-	-	-	-	A	-	-	B	D	D	A	-	-	-	-	
Aroclor														D	C	A	A	A	B	D	-
Aromatic Hydrocarbons	-	-	-	-	D	A	-	-	C	A	-	-	D	D	D	A	A	A	A	D	-
Arsenic Acid	B	A	-	-	A	D	A	-	B	A	A	-	-	A	A	A	A	D	-	A	A
Arsenic Trichloride														A	C	D	A	D	D	-	-
Ascorbic Acid														-	-	A	A	A	D	-	-
Askarel														C	B	A	A	-	A	-	-
Asphalt	-	A	-	-	A	A	A	-	-	-	A	C	D	B	B	A	A	C	A	A	A
Asphalt Topping														A	C	C	A	-	A	-	-
Aviation Gasoline														C	A	A	A	A	A	-	-
Barbeque Sauce														A	A	-	A	-	D	-	-
Barium Carbonate	A	A	A	A	A	A	A	-	B	A	A	-	A	-	A	A	A	B	-	A	A
Barium Chloride	A	A	A	A	A	A	B	-	B	A	A	B	A	A	A	A	A	D	A	A	A
Barium Cyanide	-	A	-	-	-	B	-	-	B	A	-	-	C	A	C	A	-	-	-	D	A
Barium Hydroxide	C	A	B	B	A	D	A	-	B	A	A	C	A	A	A	A	A	D	A	A	A
Barium Nitrate	A	A	A	-	B	A	-	-	-	A	A	-	A	A	A	A	-	-	A	A	-
Barium Sulfate	A	A	A	A	A	A	A	-	B	A	A	D	A	-	A	A	A	D	A	A	A
Barium Sulfide	A	A	-	-	A	A	A	-	B	A	A	C	A	A	A	A	A	D	A	A	A
Beef Extract														A	A	A	A	-	D	-	-
Beer	A	A	A	A	A	B	D	B	B	A	A	C	A	A	A	A	A	A	D	A/72	A
Beet Sugar Liquids	A	A	-	-	A	B	A	B	-	A	A	-	A	B	A	A	A	A	A	A	A
Beet Sugar Liquors														A	A	A	A	A	B	A	-
Benzaldehyde	A	A	A	A	D	A	C	D	D	A	A	B	A	D	D	D	A	B	A	D	A/70
Benzene	A	A	A	B	D	A	A	D	D	A	A	-	D	D	D	A	A	B	A	D	A/70
Benzene Sulfonic Acid														A	C	A	A	D	D	B	A/70
Benzyl Acetate														-	D	D	A	A	A	-	-
Benzyl Alcohol														C	D	A	A	A	A	A	A
Benzyl Benzoate														D	D	A	A	A	B	-	-
Benzyl Chloride														D	D	A	A	D	D	D	C
Benzyl Dichloride														-	D	-	A	D	B	-	-
Benzoic Acid	A	A	A	A	A	B	D	-	B	A	B	-	D	D	D	A	A	B	A	B/72	-
Benzol	A	A	A	A	D	A	A	-	-	A	A	-	-	D	D	A	A	B	-	D	A
Biphenyl														D	D	A	A	A	A	-	-
Bismuth Subcarbonate														A	A	A	A	-	-	-	-
Black Sulfate Liquor														A	B	A	A	C	B	-	-
Bleach Solutions														D	D	A	A	-	A	B	-
Borax (Sodium Borate)	A	A	-	A	A	A	A	-	B	A	A	C	A	D	B	A	A	C	A	A	A
Bordeaux Mixture														A	A	A	A	D	C	-	-
Boric Acid	A	A	A	A	A	A	A	-	B	A	A	-	A	A	A	A	A	B	D	A	A
Brake Fluid (Non Petroleum Base)														A	D	-	A	A	A	D	-
Brewery Slop	-	A	-	-	-	A	-	-	-	A	A	-	-	A	A	A	-	-	A	-	-
Brine														A	A	A	A	-	C	A	A
Bromine (Wet)	D	D	A	A	B	D	D	D	D	D	A	D	D	D	D	A	A	D	-	D/72	A
Bromine - Anhydrous														D	-	A	A	D	D	D	A
Bromine - Trifluoride														D	D	D	A	D	D	D	-
Bromine - Water														B	-	A	A	D	D	D	A
Bromobenzene														D	D	B	A	D	B	D	-
Bromochloromethane														D	D	C	A	D	B	-	-

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Bromotoluene														-	D	B	A	A	A	A	-
Bronzing Liquid														D	D	D	A	-	-	-	-
Bunker Oil														B	A	A	A	A	A	-	-
Butadiene	A	A	-	-	A	A	A	-	-	A	A	-	A	B	A	A	A	A	-	D	A
Butane	A	A	-	-	A	A	A	B	C	A	A	D	D	B	A	A	A	A	-	C/72	A
Butanol	A	A	-	A	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	-	
Butter	B	A	-	-	-	A	-	B	-	A	A	-	A	B	A	A	A	A	D	-	-
Butter Milk	A	A	-	-	-	A	A	B	-	A	A	-	-	A	A	A	-	A	-	A	A
Butylene	-	A	-	-	B	A	-	-	-	A	A	-	D	-	B	A	A	A	-	D	A
Butyl Acetyl Ricinoleate														B	A	A	A	A	A	-	-
Butyl Acetate	-	C	-	A	D	A	-	-	C	A	A	D	B	D	D	D	A	A	A	C/72	A/70
Butyl Acrylate														D	D	D	A	-	-	D	A/70
Butyl Alcohol (Butanol)														A	A	A	A	B	A	-	-
Butyl Amine														D	B	D	A	-	-	B	B/70
Butyl Benzote														D	-	A	A	B	B	-	-
Butyl Bromide														-	D	B	A	-	-	-	-
Butyl Butyrate														-	D	D	A	A	A	-	-
Butyl Carbitol														B	A	A	A	-	A	-	-
Butyl Cellosolve														C	B	C	A	-	A	-	-
Butyl Chloride														-	D	A	A	D	B	D	-
Butyl Ether														B	A	C	A	A	B	D	-
Butyl Oleate														D	-	A	A	-	A	-	-
Butyl Stearate														D	A	A	A	B	B	-	-
Butyraldehyde														C	D	D	A	-	-	D	B
Butyric Acid	B	A	A	A	B	C	D	D	-	A	D	-	B	D	D	D	A	B	A	A	A
Butyronitrile														D	D	-	A	-	-	-	-
Calcium Acetate														C	B	D	A	C	C	-	-
Calcium Bisulfate	D	A	-	-	A	-	A	-	-	-	-	C	-	C	A	A	A	D	D	-	
Calcium Bisulfide	-	B	A	A	A	D	A	-	B	A	A	-	D	A	A	A	-	C	-	A	A
Calcium Bisulfite	D	A	A	A	A	-	A	-	-	-	A	-	-	A	A	A	A	C	-	A	
Calcium Carbonate	A	A	A	A	A	A	A	-	B	A	A	-	-	A	A	A	A	C	-	A	A
Calcium Chlorate	C	A	-	B	A	-	A	-	A	A	-	-	-	A	A	A	A	B	B	-	-
Calcium Chloride	A	D	A	A	A	D	A	B	B	A	A	B	A	A	A	A	A	C	C	A	A
Calcium Hydrosulfide														-	A	A	A	-	-	-	-
Calcium Hydroxide	A	A	A	A	A	B	A	-	B	A	A	C	A	A	A	A	A	C	A	A	A
Calcium Hypochlorite	A	C	A	B	D	D	D	-	B	A	A	C	A	B	B	A	A	C	D	A	A
Calcium Nitrate														A	A	A	A	B	C	A	A
Calcium Oxide														A	A	-	A	A	A	-	-
Calcium Silicate														-	A	A	A	A	B	-	-
Calcium Sulfate	A	A	A	B	A	A	A	C	B	A	A	-	-	A	A	A	A	B	A	A	A
Calcium Sulfide														B	A	A	A	A	B	A/120	A
Calcium Sulfite														-	A	A	A	B	B	-	-
Calgon	A	A	-	-	-	B	-	-	-	A	A	-	-	A	A	A	-	-	D	A	-
Cane Juice	A	A	-	-	A	A	A	-	-	A	A	-	-	A	A	-	-	B	A	D/72	-
Cane Sugar Liquors														A	A	A	A	A	D	A	-
Capryl Alcohol (Octanol)														B	A	A	A	A	A	-	-
Caprylic Acid														-	C	-	A	A	-	-	-
Carbamate														B	C	A	A	-	-	-	-
Carbitol														B	B	A	A	B	B	C	A/150
Carbollc Acid (See Phenol)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbolic Acid														C	D	A	A	A	C	C	A/150

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Carbon Bisulfide	A	A	-	-	D	A	A	-	-	A	A	-	D	D	D	A	A	A	-	D/72	A
Carbon Dioxide (Wet)	A	A	-	A	-	-	-	-	-	A	A	-	-	-	-	-	A	C	C	-	
Carbon Dioxide														B	A	B	A	A	D	A	A
Carbon Disulfide	B	A	-	-	D	A	A	-	D	A	B	-	D	D	D	A	A	C	-	A	A
Carbon Monoxide	A	A	-	-	A	A	A	-	B	A	A	B	A	B	C	A	A	A	-	-	A
Carbon Tetrachloride	C	B	A	A	C	A	A	D	D	A	A	C	-	D	C	A	A	D	C	-	A
Carbonated Water	A	A	-	-	A	A	A	-	-	A	A	-	A	A	A	A	-	A	A	A	A
Carbonic Acid	A	B	-	A	A	A	A	-	B	A	A	B	A	A	B	A	A	A	D	A	A
Casein														A	A	A	A	B	-	-	-
Castor Oil														A	A	A	A	A	B	-	-
Catsup	A	A	-	-	A	B	A	B	-	A	A	-	-	C	A	A	-	D	D	A	-
Cellosolve														C	C	B	A	B	B	A	A
Cellosolve Acetate														D	C	A	A	-	-	A/120	-
Cellulube														D	D	A	A	-	-	-	-
Chloracetic Acid	D	D	A	A	A	D	D	-	D	A	A	-	B	D	D	D	A	D	D	D/72	A
Chloric Acid	D	D	-	-	D	-	-	-	-	-	-	-	-	D	D	-	-	-	-	-	
Chlorinated Glue	A	A	-	-	-	-	C	D	-	-	A	-	B	D	C	A	-	D	D	-	-
Chlorine, Anhydrous Liquid	D	D	D	A	D	D	D	-	D	A	D	-	B	D	D	A	A	D	D	D	A
Chlorine (Dry)	A	A	D	A	-	-	-	-	-	A	A	-	-	D	-	D	A	D	A	-	
Chlorine Water	-	D	A	B	A	-	D	-	-	C	A	C	-	D	D	A	A	D	D	D	
Chlorine Dioxide														D	D	A	A	D	D	-	B
Chlorine Triflouride														D	D	C	A	D	D	-	-
Chloroacetone														C	D	B	A	D	B	D	-
Chlorobenzene (Mono)	A	A	-	A	D	A	A	D	D	A	A	-	D	D	D	A	A	D	A	D	A/150
Chlorobromomethane														D	D	A	A	D	B	D	-
Chlorobutadiene														D	D	A	A	D	B	D	-
Chlorododecane														D	D	A	A	D	-	D	-
Chloroform	A	A	A	A	D	A	C	D	D	A	A	D	D	D	D	A	A	D	D	D	A
1 - Chloronaphthelene														D	D	A	A	D	B	D	-
1 - Chloro 1 - Nitro Ethane														D	D	C	A	D	-	D	D
Chlorosulfonic Acid	D	-	A	B	C	D	D	-	D	-	C	D	D	D	D	D	A	D	D	D	D
O - Chlorophenol														D	D	B	A	D	B	-	A
Chlorothene														D	D	C	A	D	D	-	-
Chlorotoluene														D	D	A	A	D	B	D	-
Chlorotriflouroethelene														-	D	-	A	D	B	-	-
Chlorox (Bleach)	A	A	-	A	A	D	D	B	-	A	A	-	B	B	C	A	A	D	D	B	-
Chocolate Syrup	A	A	-	-	-	A	A	-	-	-	A	-	-	-	A	A	-	A	D	A	-
Chromic Acid 5%	A	A	A	A	A	D	D	B	B	D	C	C	A	D	D	A	A	C	D	A/70	A/120
Chromic Acid 10%	B	-	A	A	A	-	D	-	-	-	A	-	-	D	D	A	A	-	-	A	
Chromic Acid 30%	B	-	A	A	A	-	D	-	-	-	A	-	-	D	D	A	A	-	-	A	
Chromic Acid 50%	B	B	A	A	B	D	D	C	C	D	A	-	A	D	D	A	A	C	D	A/70	A/120
Chrome Plating Solutions														D	D	A	A	D	D	B	A
Cider	A	A	-	-	A	B	-	-	B	A	A	-	-	A	A	A	-	B	D	-	-
Cinnamon Oil														C	-	-	A	-	D	-	-
Citric Acid	A	A	A	A	A	B	C	C	B	A	A	C	A	A	A	A	A	A	C	D	A	A/250
Citric Oils	A	A	-	-	-	B	-	-	-	A	A	C	-	D	A	A	A	C	-	A	-
Citric Pectin Liquor														A	A	A	A	-	-	-	-
Clove Oil														C	-	-	A	-	D	-	-
Cobalt Chloride (2N)														A	A	A	A	D	D	A	-
Coconut Oil (Coconut Butter)														B	B	A	A	B	A	-	-
Cod Liver Oil (Fish Oil)														B	B	A	A	A	D	-	-

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	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
Coffee	A	A	-	-	-	A	A	-	-	A	A	-	-	A	A	A	-	A	-	A	-
Coke Oven Gas														C	C	A	A	-	-	-	-
Copper Acetate														B	B	-	A	D	D	-	-
Copper Chloride	D	D	A	A	A	B	D	-	B	-	A	-	A	B	A	A	A	D	D	A	A
Copper Cyanide	A	A	A	A	A	B	A	-	B	A	A	-	A	A	A	A	A	D	D	A	A
Copper Floborate	D	D	-	B	A	B	-	-	A	A	-	-	-	A	B	A	A	D	D	-	
Copper Flouroborate														A	B	A	-	D	D	-	-
Copper Nitrate	A	A	A	A	A	B	D	-	B	A	A	-	-	A	A	A	A	D	D	A	A
Copper Sulfate (5% Solution)	A	A	A	A	A	B	D	-	B	A	A	C	-	A	A	A	A	D	A	A	A
Copper Sulfate	B	-	A	A	A	-	C	-	-	-	A	-	A	A	B	B	A	-	-	A	
Copper Sulfide														-	A	A	A	-	-	-	-
Corn Oil														C	A	A	A	B	C	A	-
Cottonseed Oil														C	A	A	A	A	C	A	A
Cream	A	A	-	-	-	A	A	-	-	A	A	-	-	C	A	A	-	A	D	A	-
Creosols	A	A	-	-	D	D	-	D	D	A	A	D	D	D	D	A	A	B	A	D	A/150
Cresylic Acid	A	A	A	B	B	D	D	-	C	A	A	-	D	D	D	A	A	C	-	C	A/150
Crotonaldehyde														A	D	A	A	A	A	-	-
Cumene (Isopropyibenzene)														D	D	A	A	B	B	-	-
Cutting Oil (Watter Soluble)														D	C	A	A	A	A	-	-
Cutting Oil (Sulfar Base)														C	A	-	A	A	A	-	-
Cyclohexane	A	-	A	-	-	A	-	-	-	A	A	D	D	D	A	A	A	A	-	D	A
Cyclohexanol														A	B	A	A	C	B	B	A/150
Cyclohexanone														D	D	D	A	B	B	D	B/70
Cyclopentane														A	B	A	A	B	B	-	-
Cyaniac Acid	A	-	-	-	-	D	-	-	-	-	-	-	-	D	C	-	-	-	-	-	-
Cymene (Isopropyitoluene)														D	C	A	A	-	-	-	-
Decalin														D	D	A	A	-	A	B/120	A/175
Decanal														-	D	D	A	-	-	-	-
Decane														D	B	A	A	-	A	A/70	-
Decyl Alcohol (Decanol)														D	A	B	A	-	-	-	-
Denatured Alcohol														B	A	B	A	A	A	A	A
Detergents	A	-	-	-	A	B	A	B	B	A	A	-	A	B	A	A	A	A	A	A	-
Developing Fluids														A	A	A	A	-	-	-	-
Dextrose														B	B	A	A	A	D	-	-
Diacetone														-	D	D	A	A	A	D	A/70
Dibenzyl Ether														D	D	C	A	B	B	-	-
Dibenzyl Sebecate														D	D	B	A	-	-	-	-
Dibutyl Amine														D	C	B	A	-	-	D	-
Dibutyl Ether														C	B	C	A	B	B	D	A/120
Dibutyl Phthalate														D	D	B	A	A	A	C	D
Dibutyl Sebecate														D	D	B	A	-	A	C/72	D
Dichlorethane	A	A	-	A	D	-	A	-	D	-	-	-	-	D	-	C	A	-	-	-	
Dichloracetic Acid														D	D	D	A	D	-	-	-
O - Dichlorobenzene														D	D	A	A	D	B	B/70	A/150
Dichlorobutane														-	D	A	A	D	B	-	-
Dichloroethyl Ether														-	D	-	A	D	-	-	-
Dichloro-Isopropyl Ether														D	D	C	A	D	-	-	D
Dicyclohexylamine														D	D	B	A	-	-	-	-
Disel Fuel	A	A	-	-	-	A	-	-	-	A	A	-	D	D	A	A	A	A	A	B/70	A
Diester Synthetic Oils														D	B	A	A	A	A	-	-
Diethanol Amine														A	B	-	A	-	A	A	-

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	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
Diethyl Benzene														D	D	A	A	-	-	-	-
Diethyl Carbonate														D	D	-	A	-	A	-	-
Diethyl Ether														C	B	D	A	B	B	-	A/70
Diethyl Phthalate (DEP)														-	D	C	A	A	A	-	-
Diethyl Sebecate														D	D	A	A	A	A	A/120	A/120
Diethylamine	A	-	-	-	D	D	-	-	-	A	A	-	B	B	B	D	-	A	A	C	A/70
Diethylene Glycol	A	-	-	-	-	A	A	B	B	A	A	C	A	A	A	A	A	-	A	-	-
Dipheny Oxide	A	-	-	-	-	A	-	-	-	A	A	-	D	D	D	A	-	-	-	-	
DiethyleneTriamine														-	B	-	A	A	A	-	-
Diisolbutylene														C	B	A	A	B	B	-	A
Diisodecyl Adipate (DIDA)														-	D	C	A	-	-	-	-
Diisodecyl Phthalate (DIDP)														D	D	C	A	-	-	-	-
Diisooctyl Adipate (DIOA)														-	D	C	A	-	-	-	-
Diisooctyl Phthalate (DIOP)														-	D	C	A	-	-	-	-
Diisoocty Sebecate (DIOS)														-	-	A	A	-	-	-	-
Diisopropyl Amine														-	B	-	A	-	-	-	-
Diisopropyl Benzene														D	D	A	A	-	-	-	-
Diisopropyl Ketone														D	D	D	A	-	A	-	-
Dimethyl Aniline														D	D	C	A	-	-	D	A/70
Dimethyl Ether														-	A	-	A	B	B	-	-
Dimethyl Formamide														D	C	A	A	D	A	A/120	D
Dimethyl Phthalate														D	D	C	A	-	A	A/70	A/70
Dimethyl Sulfate														-	D	D	A	-	A	-	D
Dimethyl Sulfide														-	D	-	A	-	-	-	-
Dinitrotoluene														D	D	B	A	-	-	-	-
Dioctyl Phthalate (DOP)														D	D	A	A	A	A	-	-
Dioctyl Sebecate														D	D	B	A	-	A	-	-
Dioxane														D	D	D	A	B	A	C/120	C/120
Dioxolane														D	D	B	A	-	A	-	-
Dipentene														D	D	A	A	A	A	-	-
Diphenyl														D	D	A	A	A	B	-	A/120
Diphenyl Oxide														D	D	A	A	-	-	-	-
Dipropylene Glycol														-	A	A	A	-	A	A	-
Dipropyl Ketone (Butyrone)														-	D	D	A	-	-	-	-
Dispersing Oil #10														D	D	C	A	A	A	-	-
Divinyl Benzene (DVB)														-	D	A	A	-	-	-	-
Dodecyl Benaene (Alkane)														-	D	A	A	A	A	-	-
Dow (Silicones)														A	A	A	A	A	-	-	-
Dowtherm Oil														D	-	A	A	C	B	-	-
Dry Cleaning Fluids														D	C	A	A	A	A	D	-
Dyes	A	A	-	-	-	A	-	-	-	-	-	-	-	C	-	A	A	B	-	-	-
Epichlorohydrine														D	D	D	A	D	A	B/70	D
Epsom Salts (Magnesium Sulfate)	A	A	A	B	A	A	-	-	-	A	A	-	-	A	A	A	A	A	-	A	-
Ethane	A	-	-	-	-	A	-	-	-	A	A	-	D	B	A	A	A	A	-	-	-
Ethanolamine	A	A	-	-	-	D	-	-	-	A	A	C	-	B	B	D	A	-	A	D	C
Ether	A	A	-	B	D	A	C	-	-	A	A	-	C	D	D	C	A	A	-	C/150	A/70
Ethyl Acetate	A	A	-	B	D	A	A	D	C	A	A	C	B	D	D	D	A	B	A	B/72	D
Ethyl Acetoacetate														D	D	D	A	A	A	-	A/70
Ethyl Acrylate														D	D	D	A	A	A	D	C
Ethyl Alcohol (Ethanol)														A	A	B	A	B	B	A	-
Ethyl Aluminum Dichloride														-	D	B	A	-	-	-	-

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	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
Ethyl Amine (Monoethylamine)														C	D	D	A	B	B	-	-
Ethyl Benzene														D	D	A	A	A	B	D	C
Ethyl Benzoate														D	D	A	A	A	A	-	-
Ethyl Bromide (Bromoethane)														B	D	-	A	A	A	-	-
Ethyl Butyl Acetate														-	D	D	A	-	-	-	-
Ethyl Butyl Alcohol														-	A	B	A	-	A	-	-
Ethyl Butyl Ketone														-	D	D	A	-	A	-	-
Ethyl Butyraldehyde														-	D	D	A	-	-	-	-
Ethyl Butyrate														D	D	C	A	B	A	B	-
Ethyl Caprylate														D	D	-	A	-	-	-	-
Ethyl Cellosolve														B	C	A	A	-	A	-	-
Ethyl Cellulose														B	B	A	A	B	A	-	-
Ethyl Chloride	A	A	A	B	D	A	A	-	D	A	A	D	A	A	A	A	A	D	C	D	A
Ethyl Chlorocarbonate														C	-	A	A	D	A	-	-
Ethyl Chloroformate														C	-	A	A	D	-	D	-
Ethyl Cyanide (Propionitrile)														B	D	D	A	-	-	-	-
Ethyl Ether														D	B	D	A	C	B	-	-
Ethyl Formate														B	D	C	A	C	A	-	-
Ethylhexyl Acetate														-	D	D	A	-	-	-	-
Ethylhexyl Alcohol (Ethylhexanol)														-	A	B	A	A	A	-	-
Ethyl Iodide														D	D	B	A	-	-	-	-
Ethyl Isobutyrate														D	D	-	A	-	-	-	-
Ethyl Mercaptan														D	D	B	A	B	A	-	-
Ethyl Oxalate														D	D	B	A	A	A	-	-
Ethyl Pentochlorobenzene														D	D	A	A	D	-	D	-
Ethyl Propionate														D	D	-	A	A	A	-	-
Ethyl Silicate														A	A	A	A	B	A	-	-
Ethyl Sulfate	D	-	-	-	-	B	-	-	-	A	A	-	-	-	A	A	A	-	-	-	-
Ethylene														-	B	A	A	A	A	-	-
Ethylene Chloride	A	A	B	B	D	A	-	D	-	A	A	D	C	D	D	A	A	D	C	D/72	A
Ethylene Chlorohydrin														B	D	B	A	D	B	D	A/70
Ethylene Diamine														A	B	D	A	D	A	A	D
Ethylene Dibromide														D	D	B	A	D	D	D	-
Ethylene Dichloride	A	A	A	B	D	A	A	-	D	C	A	D	C	D	D	A	A	D	-	D	-
Ethylene Glycol	A	A	-	A	A	A	A	B	B	A	A	C	A	A	A	A	A	A	B	A/120	A
Ethylene Glycol Monobuyl Ether														D	B	C	A	A	A	-	-
Ethylene Glycol Monoethyl Ether														D	C	C	A	A	A	-	-
Ethylene Glycol Monomethyl Ether														C	C	D	A	B	B	-	-
Ethylene Oxide	-	A	-	-	D	A	A	-	-	A	A	D	C	D	D	D	A	A	-	D	A
Ethylene Trichloride														D	D	A	A	D	A	D	A
Ethylidene Chloride														D	D	-	A	D	B	-	-
Fatty Acids	A	A	A	A	A	A	A	-	B	A	A	C	C	B	C	A	A	B	D	B/70	A
Ferric Chloride	D	D	A	B	A	B	D	-	B	A	A	C	A	B	A	A	A	D	D	A	A
Ferric Hydroxide														-	B	C	-	-	-	-	-
Ferric Nitrate	A	A	A	A	A	B	D	-	B	A	A	D	A	A	A	A	A	D	-	A	A
Ferrous Chloride	D	D	A	B	A	B	D	-	B	A	A	C	-	A	B	A	A	D	D	A	A
Ferrous Sulfate	A	C	A	B	A	B	D	-	B	A	A	-	-	A	B	A	A	D	-	A	A
Ferric Sulfate	A	C	A	A	A	B	A	C	-	C	A	C	-	A	B	A	A	D	D	A	A
Fish Oil														-	A	A	A	-	-	-	-
Fluoboric Acid	D	B	D	A	A	B	C	-	B	A	D	-	-	A	B	A	A	D	D	A	A
Fluorine	D	D	D	A	C	-	D	-	C	D	-	-	-	-	-	-	C	D	D	-	

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	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
Flouroboric Acid														A	A	-	A	D	D	A	A
Flourine (Liquid)														C	D	B	A	D	D	D	A/70
Flourobenzene														D	D	A	A	D	D	D	D
Flourcarbon Oils														-	-	-	A	D	A	D	-
Flourolube														A	C	B	A	-	A	-	-
Fluosilicic Acid	-	B	D	B	A	B	D	-	B	A	D	-	-	A	A	-	A	D	D	A	A
Formaldehyde 40%	-	A	A	A	B	-	D	-	-	-	A	B	-	A	B	D	A	-	-	A	
Formaldehyde	A	A	A	B	A	A	A	-	B	A	A	B	B	D	C	A	A	A	D	A	A/120
Formamide														A	A	D	A	A	B	-	-
Formic Acid	A	B	C	A	D	D	D	-	B	A	A	C	A	D	D	B	A	D	D	A	A
Freon 11	-	A	-	-	B	A	A	D	C	A	A	D	D	D	C	C	A	D	A	D	A
Freon 12 (Wet)	-	D	-	-	B	A	A	B	C	A	A	D	B	B	A	A	A	D	A	D	A
Freon 13														A	A	A	A	D	A	D	A
Freon 13B1														A	A	A	A	D	A	D	-
Freon 14														D	D	-	A	D	A	D	-
Freon 21														D	D	D	A	D	-	D	A
Freon 22	-	A	-	-	D	A	A	-	-	A	A	D	A	A	D	D	A	D	A	D	A
Freon 32														A	A	C	A	D	A	-	-
Freon 112														B	B	A	A	D	A	-	-
Freon 113	-	A	-	-	C	A	A	-	-	A	A	D	-	A	A	C	A	D	A	D	A
Freon 114														A	A	A	A	D	A	D	A
Freon 115														A	A	B	A	D	A	-	-
Freon 142b														A	A	D	A	D	A	-	-
Freon 152a														A	A	D	A	D	A	-	-
Freon 218														A	A	A	A	D	-	-	-
Freon C316														A	A	A	A	D	-	-	-
Freon C318														A	A	A	A	D	A	-	-
Freon 13B1														A	A	A	A	D	A	-	-
Freon 114B2														A	B	B	A	D	A	-	-
Freon 502														A	B	B	A	D	-	-	-
Freon TF	-	A	-	-	B	A	A	-	-	A	A	D	D	A	A	B	A	D	A	-	-
Freon T - WD602														B	B	A	A	D	-	-	-
Freon TMC														B	B	A	A	D	-	-	-
Freon T - P35														A	A	A	A	D	-	-	-
Freon TA														A	A	C	A	D	-	-	-
Freon TC														A	A	A	A	D	-	-	-
Freon MF														C	A	-	A	D	-	-	-
Freon BF														B	B	-	A	D	-	-	-
Fruit Juice	A	A	-	-	A	B	A	-	B	A	A	-	-	-	A	A	A	B	D	A	A
Fuel Oil	A	A	A	A	A	A	A	-	D	A	A	C	D	B	A	A	A	A	A	C	A
Fumaric Acid														B	C	A	A	-	A	-	-
Furan, Furfuran														D	D	C	A	-	-	C	D
Furan Resin	A	A	-	-	-	A	-	-	-	-	A	-	-	D	D	A	A	-	-	C	-
Furfural	A	A	-	B	D	B	A	D	D	A	A	D	B	D	D	D	A	A	-	D	B/120
Furfuryl Alcohol														-	-	D	A	A	A	-	-
Fusel Oil (Grain Oil)														A	A	A	A	-	-	-	-
Gallic Acid	A	A	-	A	A	-	A	-	-	-	-	-	-	C	D	A	A	A	D	A	A/70
Gasoline	A	A	D	A	C	A	A	D	D	A	A	D	C	D	A	A	A	A	A	C	
Gasoline (Unleaded)														D	D	A	A	A	A	D	-
Gasoline (Petrol)														C	A	A	A	A	A	D	A
Gelatine	A	A	-	A	A	A	A	-	-	A	A	-	A	A	A	A	A	A	A	D	A	A

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	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
Ginger Oil														A	-	A	A	-	D	-	-
Glaubers Salt														A	A	A	A	-	-	-	-
Glucose	-	A	-	-	A	A	A	B	B	A	A	B	A	A	A	A	A	A	B	A	A
Glue P.V.A	B	A	A	-	A	A	A	-	-	A	A	-	-	A	A	A	A	B	-	B	A
Glycerine	A	A	A	A	A	A	A	C	-	A	A	B	A	A	A	A	A	A	B	A	A
Glycolic Acid	-	-	-	A	-	C	-	-	B	A	-	-	-	A	A	A	-	-	-	A/70	A/70
Glycols														A	A	A	A	B	B	A	A
Gold Monocyanide	-	A	-	-	-	A	-	-	-	A	A	-	-	A	A	A	-	-	D	-	-
Grape Juice	A	A	-	-	A	B	-	B	B	A	A	-	-	A	A	A	-	B	D	A	-
Grapefruit Oil														D	D	-	A	-	D	-	-
Grease	A	A	-	-	-	A	A	-	-	A	A	-	-	D	A	A	A	A	A	-	-
Green Sulfate Liqour														A	A	A	A	-	-	A	-
Halowax Oil														D	D	A	A	-	-	-	-
Heptanal														-	A	D	A	A	A	A	-
Heptane	-	A	-	A	A	A	A	C	D	A	A	-	D	B	A	A	A	A	A	C/170	A
Hexane	A	A	-	A	C	A	A	D	-	A	A	B	D	B	A	A	A	A	A	C/170	A
N - Hexaldehyde														A	D	C	A	A	A	-	-
Hexalin (Cyclohexanol)														A	B	A	A	-	-	-	-
N - Hexene-1														B	A	A	A	-	A	-	-
Hexyl Alcohol (1-Hexanol)														B	A	A	A	A	A	-	-
Hexylene Glycol (Brake Fluid)														A	A	A	A	A	A	-	-
Honey	A	A	-	-	A	A	A	B	-	A	A	-	A	A	A	A	-	A	A	A	-
Hydraulic Oils (Petroleum)	A	A	-	-	-	A	A	-	-	A	A	-	D	B	A	A	A	A	A	D	-
Hydraulic Oils (Synthetic)	A	A	-	-	-	A	A	-	-	A	A	D	-	-	C	A	-	A	A	D	-
Hydrazine	A	A	-	-	-	D	-	-	-	A	-	D	A	B	B	A	A	-	C	A/70	B/120
Hydrobromic Acid 20%	-	D	A	A	A	-	D	-	-	-	B	-	-	C	D	A	A	-	-	A	
Hydrobromic Acid	D	D	A	A	A	D	D	-	B	A	A	D	A	D	D	A	A	D	D	B	A
Hydrochloric Acid (Dry Gas)	C	A	-	A	A	-	-	-	-	A	-	-	A	-	-	-	A	D	-	-	
Hydrochloric Acid 20%	D	D	C	B	A	D	D	B	A	A	A	-	A	D	C	A	A	D	D	A	A
Hydrochloric Acid 37%	D	D	C	B	A	D	D	C	A	A	C	C	C	C	D	A	A	D	D	A	
Hydrochloric Acid 37% (Hot)														D	D	A	A	D	D	-	A
Hydrochloric Acid 37% (Cold)														D	C	A	A	D	D	A	A
Hydrochloric Acid 100%	D	D	D	C	A	-	D	-	A	A	C	-	-	C	D	C	A	D	D	-	
Hydrocyanic Acid	A	A	A	A	A	B	A	-	B	A	A	-	-	B	C	A	A	S	-	A	A
Hydrocyanic Acid (Gas 10%)	D	D	-	-	A	-	-	-	-	-	-	-	A	C	-	-	A	-	-	-	
Hydrogen Flouride-Anhydrous														C	D	A	A	D	-	A	-
Hydroflouric Acid (20%)	D	D	D	B	D	D	D	-	C	B	C	-	A	C	D	A	A	D	D	A	A
Hydroflouric Acid (50%)														C	D	A	A	D	D	B/72	A
Hydroflouric Acid (75%)	D	D	D	C	C	D	D	-	C	D	D	D	C	D	D	A	A	D	D	B/72	A
Hydroflouric Acid (100%)	D	D	D	B	C	-	-	-	D	D	D	-	-	D	D	-	A	D	D	A	
Hydroflouric Acid (Conc.) (Hot)														D	D	B	A	D	D	D	A
Hydroflouric Acid (Conc.) (Cold)														B	D	A	A	D	D	D	A
Hydrofluosilicic Acid (20%)	D	D	D	B	D	D	D	-	-	A	D	-	A	B	B	A	A	D	D	A	A
Hydrofluosilicic Acid	D	D	-	C	-	-	-	-	-	A	-	D	-	A	-	-	A	C	-	-	
Hydrogen Gas	A	A	-	-	A	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A
Hydrogen Peroxide-3%														B	B	A	A	A	D	A	A
Hydrogen Peroxide-10%	C	C	C	A	A	-	D	-	A	A	A	-	-	C	C	A	A	A	B	A	A
Hydrogen Peroxide-30%	-	B	B	A	A	-	D	-	-	-	-	-	-	D	C	A	A	A	D	A	A
Hydrogen Peroxide-90%														B	D	A	A	A	D	-	A
Hydrogen Peroxide	A	B	B	A	A	D	D	-	B	-	A	C	C	D	D	A	A	A	D	A	
Hydrogen Sulfide (Wet) (Cold)														B	C	A	A	D	D	A	A

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	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
Hydrogen Sulfide (Wet) (Hot)														C	D	B	A	D	D	A	A
Hydrogen Sulfide, Aqueous Solution	A	A	A	A	A	D	D	-	B	A	A	-	A	B	C	D	A	D	D	A	A
Hydrogen Sulfide (Dry)	C	A	-	A	A	-	D	-	-	-	A	-	-	-	-	D	A	D	B	-	
Hydroquinone														D	C	C	A	A	B	A	A
Hydroxyacetic Acid (70%)	-	-	B	-	A	D	-	-	-	A	A	-	A	A	A	A	A	D	-	-	-
Hypochlorous Acid														D	D	A	A	D	D	A	A
Ink	A	A	-	-	-	A	A	-	B	A	A	-	-	-	A	A	A	C	D	-	-
Iodine	D	D	A	B	D	C	D	D	D	D	A	-	B	D	B	A	-	D	D	A/70	A/150
Iodine (In Alcohol)	-	B	D	A	D	-	D	-	-	-	A	-	-	D	D	A	A	-	-	B	
Iodine Pentaflouride														D	D	D	A	-	-	-	-
Idoform	D	A	-	-	-	-	A	-	-	-	-	-	-	-	-	A	A	B	A	-	A
Isoamyl Acetate														D	D	D	A	A	A	-	-
Isoamyl Alcohol														A	A	A	A	-	A	-	-
Isoamyl Butyrate														-	D	D	A	A	A	-	-
Isoamyl Chloride														D	D	A	A	-	-	-	-
Isobutyric Acetate														D	D	D	A	A	A	-	-
Isobutyl Alcohol (Isobutanol)														B	B	A	A	A	A	A	-
Isobutyl Amine														-	D	D	A	-	-	-	-
Isobutyl Chloride														-	D	B	A	D	B	-	-
Isobutyric Acid														B	D	-	A	A	-	-	-
Isododecane														A	B	A	A	B	B	-	-
Isooctane														B	A	A	A	-	A	A	-
Isopentane														-	A	A	A	-	-	-	-
Isophorone														D	D	D	A	A	B	-	-
Isoproply Amine														-	D	D	A	-	A	-	-
Isoproply Acetate	-	-	-	-	-	A	-	-	-	-	A	-	-	D	D	D	A	C	A	-	-
Isoproply Alcohol														A	B	A	A	A	A	A	-
Isoproply Chloride														D	D	B	A	D	A	D	-
Isoproply Ether	-	B	-	-	-	A	-	-	-	A	A	-	B	D	B	D	A	A	A	D/72	-
Isotane	-	A	-	-	-	A	-	-	-	A	A	-	D	-	A	A	-	A	-	D/72	-
Jet Fuel (JP3,JP4,JP5)	A	A	-	-	A	A	A	-	-	A	A	D	D	D	A	A	A	A	A	D	A
Kerosene	A	A	A	A	A	A	A	B	D	A	A	D	A	B	A	A	A	A	A	D/72	A
Ketones	A	A	A	A	D	B	A	-	D	C	A	-	D	D	D	D	A	B	A	D	A/70
Lacquers	A	A	-	-	-	A	A	-	-	A	A	-	-	D	D	D	A	A	C	D	D
Lacquers Thinners	-	A	A	A	C	-	A	-	-	-	A	-	A	D	D	-	A	-	-	B	
Lacquers Solvents														D	D	D	A	A	B	C	D
Lactic Acid	A	B	A	A	A	B	C	-	B	A	A	-	B	C	B	A	A	C	-	A	A/70
Lactol (Aliphatic Naphtha Solvent)														D	C	A	A	A	A	-	-
Lard	A	A	-	-	A	A	A	C	-	A	A	C	-	B	A	A	A	A	A	A	-
Latex	A	A	-	-	-	A	A	-	B	-	A	-	A	B	A	A	A	A	-	-	-
Laurel Alcohol														-	A	B	A	A	A	-	-
Lavender Oil														C	B	B	A	-	-	-	-
Lead Acetate	A	A	A	A	A	A	A	-	B	A	A	-	A	B	B	D	A	D	A	A	A
Lead Chloride														B	-	-	A	D	-	-	-
Lead Nitrate														A	B	A	A	D	B	A	-
Lead Sulfamate	-	-	-	-	-	A	-	-	-	-	-	C	D	A	B	A	A	-	-	A	-
Lemon Oil														C	-	A	A	A	-	-	-
Ligroin	-	A	-	-	-	A	-	-	-	-	A	-	A	B	A	A	A	-	A	D/150	-
Lignin Liquor														A	A	A	A	-	-	-	-
Lime	A	A	A	-	A	D	-	C	-	A	A	C	D	B	A	A	A	C	A	-	-

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Lime, Soda														B	B	B	A	-	-	-	-
Lime, Bleach														B	A	A	A	D	-	B	-
Lime Sulrries														A	B	B	A	B	-	-	-
Lime Sulfur														A	D	A	A	-	A	A	-
Limonene														D	C	A	A	-	-	-	-
Lindol														C	D	B	A	-	-	-	-
Linoleic Acid														D	B	A	A	A	D	A/70	-
Linseed Oil														A	A	A	A	A	A	A	-
Lithium Bromide														D	A	A	A	-	A	-	A
Liquefied Petroleum Gas														B	A	A	A	-	-	D	-
Lubricants	A	A	A	A	A	A	A	B	-	A	A	C	-	B	A	A	A	A	A	B	A
Lubricating Oils (Petroleum)														B	A	A	A	A	A	B	A
Lye														B	C	B	A	-	A	A	A/150
Magnesium Carbonate	A	A	-	B	A	A	-	-	B	-	A	-	A	A	A	-	A	D	-	A	A
Magnesium Chloride	B	B	A	A	A	A	A	-	B	-	A	-	A	A	A	A	A	D	D	A	A
Magnesium Hydroxide	A	A	A	A	A	A	A	-	B	A	A	-	-	B	B	A	A	D	B	A	A
Magnesium Nitrate	A	A	A	A	A	A	A	-	B	-	A	-	-	A	A	-	A	D	-	A	A
Magnesium Oxide	A	A	-	-	-	A	-	-	-	-	A	-	A	A	A	-	A	-	-	-	-
Magnesium Sulfate	B	A	A	B	A	A	A	-	B	A	A	-	D	A	A	A	A	D	C	B	A
Maleic Acid	A	A	A	A	A	C	A	-	-	A	A	-	D	D	D	A	A	B	-	A	A
Maleic Anhyride	-	-	-	A	-	C	-	-	-	A	A	-	-	D	D	A	A	-	-	-	-
Malic Acid	A	A	-	A	A	-	A	-	-	-	A	-	-	C	B	A	A	B	D	B	-
Maple Sugar Liquors(Sucrose)														A	A	A	A	-	-	-	-
Mash	A	A	-	-	-	A	-	-	-	A	A	-	-	A	A	-	-	-	-	-	-
Mayonnaise	A	A	-	-	-	A	A	B	-	A	A	-	-	-	A	A	-	D	D	A	-
Melamine	D	D	-	-	-	D	-	-	-	A	A	-	-	-	C	-	-	-	-	-	-
Mercuric Chloride (Dilute Solution)	D	D	A	B	A	A	A	-	B	A	A	-	A	A	A	A	A	D	D	A	A
Mercuric Cyanide	A	A	A	-	A	A	-	-	B	A	A	-	-	A	A	-	A	D	-	A	A
Mercuric Nitrate														B	B	A	A	D	B	A	-
Mercury	A	A	C	A	A	A	A	-	B	A	A	-	A	A	A	A	A	C	A	A	A
Mesityl Oxide														D	D	D	A	A	A	-	-
Methane														B	A	A	A	A	-	B	A
Methanol														A	A	C	A	B	A	A/120	A
Methanol (See Alcohol Methyl)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methyl Acetate	-	A	-	A	-	A	-	D	-	A	A	D	B	B	D	D	A	A	A	C	B/72
Methyl Acetoacetate														-	D	D	A	-	A	-	-
Methyl Acrylate	-	-	-	-	-	A	-	-	-	A	A	-	B	B	D	D	A	-	A	-	B/72
Methyl Acrylic Acid														C	-	D	A	-	-	-	-
Methyl Acetone	-	A	-	-	-	A	-	-	-	-	A	-	-	D	D	-	A	A	A	D	D
Methyl Amine (Monomethylamine)														A	B	A	A	B	B	A	-
Methyl Amyl Acetate														D	D	D	A	-	A	-	-
Methyl Amyl Alcohol														-	A	D	A	A	A	-	-
Methyl Aniline														A	A	-	A	-	-	-	-
Methyl Alcohol 10%	-	A	-	A	A	-	A	-	-	-	-	-	-	-	B	-	A	C	-	-	
Methyl Bromide	-	-	-	-	-	A	-	-	D	A	A	-	D	D	B	A	A	D	-	D	A
Methyl Butyl Ketone	-	A	-	-	-	B	-	-	-	A	A	C	A	D	D	D	A	A	A	D	D
Methyl Cellosolve	-	-	-	-	-	B	-	-	-	A	A	-	B	D	D	D	A	A	A	B	A
Methyl Chloride	C	A	A	A	D	A	A	-	D	A	A	D	C	D	D	A	A	D	B	D	A
Methyl Cyclopentane														C	B	A	A	-	-	-	-
Methyl Dichloride	-	-	-	-	-	A	-	-	-	A	A	-	D	D	D	A	-	D	-	D	A
Methyl Ethyl Ketone	A	A	A	A	D	B	A	D	D	A	A	C	A	D	D	D	A	A	A	C	D

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Methyl Formate														B	D	D	A	A	B	-	-
Methyl Hexane														A	A	A	A	-	-	-	-
Methyl Iodide														D	D	-	A	A	A	-	-
Methyl Isobutyl Ketone	-	A	A	A	D	B	A	D	-	A	A	C	C	D	D	D	A	-	A	B/72	D
Methyl Isopropyl Ketone	-	A	-	-	-	B	A	-	-	A	A	B	B	D	D	D	A	-	A	C	D
Methyl Methacrylate	-	-	-	-	-	A	-	-	-	A	A	-	D	D	D	D	A	-	-	A	B
Methylamine	-	A	-	-	-	D	-	-	-	A	A	-	-	-	B	-	-	A	B	-	
Methyl Oleate														D	D	B	A	-	A	-	-
Methyl Propyl Ketone														D	D	D	A	-	A	-	-
Methyl Salicylate														D	D	B	A	A	A	B	B
Methylene Bromide														D	D	B	A	-	A	-	-
Methylene Chloride	A	A	A	A	D	A	D	-	D	A	A	-	D	D	D	B	A	D	B	D	B/72
Milk	A	A	-	-	A	A	A	B	B	A	A	B	A	A	A	A	A	A	D	A	A
Mine Water														-	A	-	A	B	-	-	-
Mineral Oil (Petroleum)														B	A	A	A	A	A	B	A
Mixed Acids (Sulfuric & Nitric)														D	D	A	A	D	D	D	-
Molasses	A	A	-	-	A	A	A	-	B	A	A	-	-	A	A	A	A	A	A	A	A
Monochlorobenzene														D	D	D	A	D	A	D	A/150
Monomethyl Aniline														D	D	C	A	-	A	C	-
Monoehtanolamine														C	B	C	A	B	A	B	C
Monomethylether														B	A	A	A	-	-	-	-
Monovinyl Acetylene														B	A	A	A	-	-	-	-
Mustard	A	A	-	-	A	B	A	B	-	A	A	C	-	C	B	A	-	B	C	A	-
Mustard Gas														A	-	A	A	-	-	-	-
Naptha	A	A	A	A	A	A	A	C	D	A	A	D	D	D	B	A	A	A	B	C	A
Napthalene	A	B	A	A	D	A	-	-	D	A	A	-	D	D	D	A	A	B	B	A/70	A
Napthenic Acid														-	B	A	A	B	B	-	-
Natural Gas														A	A	A	A	A	A	A	-
Neatsfoot Oil														-	A	A	A	A	A	-	-
Neohexane														-	A	A	A	-	-	-	-
Neosol														A	A	C	A	B	B	-	-
Neville Acid														C	C	A	A	-	-	-	-
Nickel Acetate														B	B	A	A	D	-	-	-
Nickel Chloride	A	B	A	A	A	B	A	-	B	A	A	-	A	A	A	A	A	D	D	A	A
Nickel Nitrate														A	A	A	A	D	-	A	A
Nickel Sulfate	A	B	A	B	A	B	A	-	B	A	A	-	A	A	A	A	A	D	D	A	A
Nitrana (Ammonia Fertilizer)														B	B	C	A	-	-	-	-
Niter Cake														A	A	A	A	-	-	-	-
Nitric Acid (5-10% Solution)	A	A	A	A	A	D	D	C	B	C	B	-	B	D	D	A	A	D	D	A/120	A/120
Nitric Acid (20% Solution)	A	A	A	A	A	D	D	D	B	D	C	-	D	D	D	A	A	D	D	B/70	A
Nitric Acid (50% Solution)	A	A	A	A	A	D	D	D	C	D	A	-	D	D	D	A	A	D	D	B/70	A
Nitric Acid (Concentrated Solution)	D	B	A	B	D	D	D	D	D	D	A	-	D	D	D	B	A	D	D	D	A/72
Nitric Acid - Red Fuming														D	D	B	A	A	D	D	D
Nitrobenzene	A	B	A	B	D	B	C	D	D	A	A	D	D	D	D	B	A	C	A	A/72	A/70
Nitrobenzine														-	-	A	A	-	-	-	-
Nitro Ethane														D	D	C	A	A	A	C	-
Nitromethane														D	D	C	A	A	A	C	A/120
Nitrogen														A	A	A	A	A	A	A	A
Nitrogen Tetroxide														D	D	C	A	D	D	D	C
1- Nitropropane														D	D	D	A	A	A	-	-
Octadecane														A	A	A	A	-	-	-	-

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	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
N-Octane														A	A	A	A	-	A	D	A
Octyl Acetate														D	D	D	A	A	-	-	-
Octyl Alcohol (Octanol)														A	A	B	A	A	A	-	-
Octachloroluene														D	D	A	A	D	A	D	-
Oleic Acid	A	A	-	B	A	B	A	A	D	A	A	D	D	B	B	B	A	B	C	B	A
Olein (Triolein)														B	B	-	A	-	-	-	-
Oleum 25%	-	-	-	A	D	-	-	-	-	-	A	D	D	D	D	A	A	-	-	-	
Oleum	-	A	-	-	D	D	-	-	-	-	A	D	D	C	C	A	A	D	D	D	D
Oleum Spirits														C	C	A	A	D	D	D	D
Oils (Cont.)																					
Ginger	A	A	-	-	-	A	-	-	-	A	A	-	-	A	A	A	-	-	-	-	
Hydraulic (See Hydraulic)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lemon	A	A	-	-	-	A	-	-	-	A	A	-	-	D	-	A	-	-	-	D	
Linseed	A	A	-	-	A	A	A	C	-	A	A	-	D	D	A	A	-	A	A	A	
Mineral	A	A	-	-	A	A	A	-	-	A	A	-	D	B	A	A	-	A	A	B	
Olive	A	A	-	-	A	A	A	-	-	A	A	C	-	B	A	A	A	A	A	A	
Orange	A	A	-	-	-	A	A	-	-	A	A	-	-	D	A	A	A	-	-	A	
Palm	A	A	-	-	A	A	A	-	-	A	A	-	-	D	A	A	-	A	-	-	
Peanul	A	A	-	-	A	A	-	-	-	A	A	-	-	D	A	A	-	A	A	D	
Peppermint	A	A	-	-	-	A	-	-	-	A	A	-	-	D	D	A	-	-	-	D	
Pine	A	A	-	-	A	A	-	-	-	A	A	-	-	D	A	A	A	A	C	-	
Rape Seed	A	A	-	-	A	A	-	-	-	A	A	-	-	D	B	A	-	-	-	-	
Rosin	A	A	-	-	-	A	A	-	-	A	A	-	-	-	A	A	-	A	-	A	
Sesame Seed	A	A	-	-	A	A	-	-	-	A	A	-	-	D	A	A	-	A	A	-	
Silicone	A	A	-	-	-	A	A	-	-	A	A	-	-	A	A	A	-	-	A	A	
Soybeen	A	A	-	-	A	A	A	-	-	A	A	-	-	D	A	A	-	A	A	A	
Sperm	A	A	-	-	A	A	-	-	-	A	A	-	-	D	A	A	-	-	-	-	
Tanning	A	A	-	-	-	A	-	-	-	A	A	-	-	D	A	A	-	-	-	-	
Turbine	A	A	-	-	A	A	-	C	-	A	A	-	-	D	A	A	-	A	A	-	
Oils																					
Aniline	A	A	A	D	D	D	C	D	-	A	A	-	B	D	D	A	A	C	A	A	
Anise	A	A	-	-	-	A	-	-	-	A	A	-	-	D	-	-	-	-	-	-	
Bay	A	A	-	-	-	A	-	-	-	A	A	-	-	D	-	A	-	-	-	-	
Bone	A	A	-	-	-	A	-	-	-	A	A	-	-	D	A	A	-	-	A	-	
Casior	A	A	-	-	A	A	-	-	-	A	A	-	B	A	A	A	-	A	A	-	
Cinnamon	A	A	-	-	-	A	-	-	-	A	A	-	-	D	-	D	A	-	-	A	
Citric	A	A	-	-	-	A	A	-	-	A	A	-	-	D	A	A	-	-	D	A	
Clove	A	A	-	-	-	A	A	-	-	A	A	-	-	-	A	-	-	-	-	B	
Coconut	A	A	-	-	-	A	A	-	-	A	A	-	A	A	A	A	-	B	A	A	
Cod Liver	A	A	-	-	-	A	A	C	-	A	A	-	A	B	A	A	-	B	-	A	
Corn	A	A	-	-	-	A	A	C	-	A	A	-	C	D	A	A	-	B	B	A	
Cotton Sead	A	A	-	-	A	A	A	C	-	A	A	-	C	D	A	A	A	B	B	A	
Cresote	A	A	-	-	-	D	-	-	-	A	A	-	D	B	A	A	-	A	-	D	
Disel Fuel (2D, 3D, 4D, 5D)	A	A	-	-	-	A	A	-	-	A	A	-	D	D	A	A	-	A	A	A	
Fuel (1, 2, 3, 5A, 5B, 6)	A	A	A	A	A	A	-	-	-	A	A	-	D	D	B	A	A	A	A	B	
Olive Oil														D	D	A	A	A	A	A	-
O - Dichlorobenzene														D	D	A	A	D	A	D	-
Oxalic Acid (Cold)	A	B	C	A	A	C	D	-	A	A	A	C	A	B	B	A	A	C	D	A/70	A/120
Ozone														D	D	A	A	-	-	D	A
Paints & Solvent														D	D	-	A	A	A	-	-
Paint Thinner, Duco														A	A	B	A	A	A	D	-

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	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
Palm Oil														A	A	A	A	-	A	-	-
Palmetic Acid														A	A	A	A	C	C	A	A
Paraffin	A	A	-	A	A	A	A	B	-	A	A	-	-	A	A	A	A	A	-	A	A
Paraformaldehyde														B	B	C	A	A	A	-	-
Paraldehyde														C	C	D	A	A	A	-	-
Peanut Oil														A	A	A	A	-	A	-	-
Pentachloroethane (Pentalin)														D	D	A	A	D	A	-	-
Pentachlorophenol (PCP)														D	D	A	A	D	A	-	-
Pentane	C	C	-	A	-	A	A	D	-	A	A	-	D	A	A	A	A	A	A	-	-
Peppermint Oil														D	D	A	A	-	-	-	-
Perchloric Acid														D	D	A	A	D	D	A	A/120
Perchloroethylene	A	A	-	A	-	A	-	D	-	A	A	D	D	C	C	A	A	D	B	D/72	A
Petrolatum	-	A	-	-	-	A	A	B	-	A	A	-	A	A	A	A	-	B	-	A	A
Petrolatum - Below 250														A	A	A	A	A	A	A/70	A/200
Petrolatum - Above 250														C	C	B	A	A	A	-	-
Phenethyl Alcohol														D	B	A	A	A	A	-	-
Phenol 10%	A	A	-	-	A	-	D	-	-	-	-	-	D	C	D	B	A	A	B	-	
Phenol (Carbolic Acid)	A	A	C	A	A	D	D	-	D	A	D	-	D	D	D	A	A	B	D	A	A/70
Phenol Sulfonic Acid														-	D	D	A	B	B	-	-
Phenol Acetate														D	D	D	A	-	-	-	-
Phenylbenzene														D	D	A	A	-	-	-	-
Phenyl Ethyl Ether														D	D	C	A	-	-	-	-
Phenyl Hydrazine														D	D	A	A	-	-	-	-
Phorone														D	D	A	A	-	-	-	-
Phosphoric Acid 20%														B	C	A	A	D	D	A/120	A
Phosphoric Acid (To 40% Solution)	B	A	A	A	A	D	D	C	B	B	C	-	B	D	D	A	A	D	D	A/120	A
Phosphoric Acid (40% - 100% Solution)	C	B	B	A	A	D	D	D	C	B	D	-	B	A	D	A	A	D	D	A	
Phosphoric Acid (50% - 100% Solution)														D	D	A	A	D	D	A/120	A
Phosphoric Acid - 45%														B	D	A	A	D	D	A/120	A
Phosphoric Acid Crude	D	C	C	D	-	D	D	D	C	C	D	-	B	D	D	A	A	D	D	A/120	A
Phosphoric Anhydride (Dry To Moist)	A	A	-	-	D	-	-	-	-	A	-	-	-	D	D	D	A	-	-	-	
Phosphoric Anhydride (Molten)	A	A	-	-	D	-	A	-	D	-	-	-	-	D	C	D	A	D	-	-	
Phophorus Oxychloride														D	-	A	A	B	B	-	A/120
Phophorus Trichloride Acid														D	D	A	A	D	B	D	A
Photographic (Developer)	C	A	A	-	A	C	-	-	B	A	A	-	-	A	A	A	-	C	D	A	-
Phthalic Anhydride	A	B	-	C	-	-	A	-	-	-	-	-	-	-	C	A	A	B	C	-	
Pickling Solution														C	-	B	A	-	-	-	-
Picric Acid	A	A	-	D	A	-	A	-	A	-	-	D	-	B	B	A	A	D	D	B/70	A/70
Pine Oil														D	B	A	A	A	B	-	-
Pinene														D	B	A	A	-	-	-	-
Pipredine														D	D	C	A	-	-	-	-
Plating Solutions :																					
Antimony														A	A	A	A	D	-	A	A/70
Arsenic														A	A	A	A	C	-	A	-
Brass														-	A	A	A	C	-	A	A
Bronze														A	A	A	-	C	-	A	-
Cadmium														A	A	A	A	C	-	A	A
Chrome														D	D	A	A	C	-	A	A

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Copper														-	A	A	A	C	-	A	A
Gold														A	A	A	A	C	-	A	A
Indium														-	A	A	-	C	-	A	-
Iron														A	A	A	A	C	-	A	A
Lead														A	A	A	A	C	-	A	A
Nickel														-	A	A	A	C	-	A	A
Silver														A	A	A	A	C	-	A	A
Tin														A	A	A	A	C	-	A	A
Zinc														A	A	A	A	C	-	A	A
Platings (cont.)																					
Acid Fluoborate Bath R.T	-	-	D	-	A	-	D	-	A	-	D	-	-	C	B	A	A	-	-	A	
Alkaline Cyanide Bath R.T	-	-	A	A	A	-	A	-	A	-	D	-	-	A	A	A	A	-	-	A	
Polyvinyl Acetate Emulsion														B	-	-	A	-	B	B/70	A
Potash	A	-	-	A	A	B	A	-	A	A	A	-	-	B	A	A	A	C	B	A	-
Potassium Acetate														B	B	B	A	D	A	A	A
Potassium Bicarbonate	A	-	A	B	A	C	A	C	A	A	A	-	-	A	A	A	A	C	-	A	A
Potassium Bisulfate														A	A	A	A	A	D	-	-
Potassium Bisulfite														A	A	A	A	B	-	-	-
Potassium Bromide	A	-	A	B	A	A	C	-	A	A	A	-	A	A	A	A	A	C	-	A	A
Potassium Carbonate	A	-	A	A	A	B	A	-	A	A	A	-	-	B	A	A	A	C	B	A	D
Potassium Chlorate	A	A	A	B	A	B	D	-	A	A	A	-	-	A	A	A	A	B	-	A	A
Potassium Chloride	A	A	A	A	A	A	B	C	A	A	A	-	A	A	A	A	A	B	B	A	A
Potassium Chromate	-	B	-	B	A	C	-	-	-	A	D	-	-	A	A	A	A	A	A	A	A
Potassium Cupro Cyanide														A	A	A	A	-	-	-	A
Potassium Cyanide Solutions	A	B	A	A	A	C	A	-	A	C	A	-	A	A	A	A	A	D	B	A	A
Potassium Dichromate	A	A	A	B	A	C	D	-	A	A	A	-	A	A	A	A	A	A	B	A	A
Potassium Ferrocyanide	A	-	-	B	A	-	A	-	-	-	-	-	-	-	D	-	A	C	-	-	
Potassium Hydroxide 50%	B	B	C	A	A	D	A	C	A	-	D	C	A	A	B	B	A	D	C	A	
Potassium Hydroxide														B	B	D	A	D	C	A	A/150
Potassium Iodide														A	A	A	A	B	-	A	-
Potassium Nitrate	A	B	A	B	A	B	C	-	A	A	A	-	A	A	A	A	A	B	A	A	A
Potassium Permanganate	A	B	B	B	A	C	D	C	D	A	A	-	-	A	A	A	A	B	B	B	A
Potassium Phospate														A	A	A	A	D	D	-	-
Potassium Silicate														A	A	A	A	B	B	-	-
Potassium Sulfate	A	B	A	A	A	B	C	-	A	A	A	C	A	A	A	A	A	A	B	A	A
Potassium Sulfide	A	-	-	B	A	-	-	-	-	-	-	-	-	A	A	A	A	D	B	A	-
Potassium Sulfite														A	A	A	A	A	D	A	-
Producer Gas														B	A	A	A	-	-	-	-
Propane (Liquified)	A	-	-	-	D	A	A	-	D	A	A	D	D	B	A	A	A	A	-	B/72	A
Propionaldehyde														-	D	D	A	A	A	-	-
Propionic Acid														D	D	A	A	A	D	-	-
Propyl Acetate														D	D	D	A	-	A	C	A/70
Propyl Alcohol (1-Propanol)														B	B	A	A	A	A	A	-
Propyl Nitrate														-	-	C	A	A	A	-	-
Propylene														D	D	D	A	A	A	-	-
Propylene Dichloride														D	D	B	A	D	A	-	-
Propylene Glycol	B	-	-	-	-	B	B	B	-	A	A	-	-	C	A	A	A	A	B	A	A
Propylene Oxide														D	-	-	A	B	B	C	D
Pyranol														D	A	A	A	-	A	-	-
Pydrauls														D	D	A	A	-	A	-	-
Pyridine	C	-	-	-	-	D	-	-	B	A	A	-	B	D	D	D	A	B	A	C	D

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Pyrogallic Acid	A	A	-	A	A	D	A	-	-	A	A	-	-	-	-	A	-	-	-	-	B
Pyroligneous Acid														C	C	A	A	D	C	-	-
Pyrrole														D	D	C	A	-	-	-	-
Quarternary Ammonium Salts														A	A	A	A	-	D	-	-
Quench Oil														B	B	A	A	A	-	-	-
Radiation														B	B	B	A	-	-	-	-
Rape-Seed Oil														C	B	A	A	-	A	-	-
Red Oil														C	A	A	A	-	A	-	-
Rose Oil														C	-	A	A	-	-	-	-
Rosins	A	A	-	B	-	B	A	-	A	A	A	-	-	-	A	-	A	A	-	A	-
Rosin Oil (Rosinol)														A	A	A	A	-	-	-	-
Rotenone														A	A	A	A	-	-	-	-
Rubber Latex Emulsions														-	-	A	A	A	-	-	-
Rubber Solvents (Petroleum Distillates)														C	D	D	A	A	-	-	-
Rum	A	-	-	-	A	A	A	-	A	A	A	-	-	-	A	A	A	-	-	A	-
Rust Inhibitors	A	-	-	-	-	A	-	-	A	A	A	-	-	C	A	A	-	-	-	A	-
Salad Dressing	A	-	-	-	A	A	A	-	-	A	A	-	-	-	A	A	-	B	D	A	-
Sal Ammoniac														A	A	A	A	D	D	-	-
Salicylic Acid														B	B	B	A	A	D	A	-
Salt Water														B	B	A	A	B	D	A	A
Sea Water	A	C	A	-	A	A	A	-	B	A	A	B	A	B	A	A	A	A	C	A	A
Sesame Seed Oil														C	A	A	A	-	A	-	-
Sewage														A	A	A	A	B	B	A	A
Shellac (Bleached)	A	-	-	-	-	A	A	-	C	-	A	-	-	-	A	-	-	A	-	A	-
Shellac (Orange)	A	-	-	-	-	A	A	-	-	-	A	-	-	-	A	-	-	A	-	A	-
Silicate Esters														B	A	A	A	-	A	-	-
Silicone	B	-	-	-	-	A	A	-	-	A	A	B	A	A	A	A	-	B	A	A	-
Silicone Greases														A	A	A	A	-	A	-	A
Silver Bromide	C	C	-	-	-	C	-	-	-	A	-	-	-	-	-	-	-	D	-	-	-
Silver Cyanide														A	-	-	A	D	A	A	A
Silver Nitrate	A	B	A	A	A	C	A	-	-	A	A	-	C	A	C	A	A	D	D	A	A
Skydrol 500														D	D	C	A	-	A	-	-
Skydrol 7000														D	D	B	A	-	A	-	-
Soap Solutions	A	A	A	B	B	A	A	-	-	A	A	B	-	B	A	A	A	C	B	A	A
Soda Ash (Sodium Carbonate)	-	-	-	A	-	-	-	-	B	-	-	-	-	A	A	A	A	C	B	A	-
Sodium Acetate	A	A	A	-	A	B	A	-	B	A	A	-	-	B	B	D	A	B	A	A	A
Sodium Aluminate	-	-	B	B	-	B	A	-	-	A	A	-	A	A	A	A	A	C	-	A	A
Sodium Bicarbonate	A	A	A	-	A	B	A	B	B	A	A	C	A	A	A	A	A	A	C	A	A
Sodium Bisulfate	A	-	B	B	A	B	C	C	B	A	A	C	-	A	A	A	A	D	-	A	A
Sodium Bisulfite	A	-	A	B	A	B	D	B	B	A	A	C	-	A	A	A	A	A	D	A	A
Sodium Borate	A	-	-	A	C	-	A	-	A	-	-	B	-	A	A	A	A	C	B	A/140	A
Sodium Bromide														-	-	-	A	C	C	A	A
Sodium Carbonate	A	B	A	A	A	A	A	C	B	B	A	-	A	A	A	A	A	C	B	A	A
Sodium Chlorate	A	-	A	B	A	D	A	-	B	A	A	-	-	A	A	A	A	B	-	A	B
Sodium Chloride	A	C	A	A	A	A	A	B	B	A	A	C	A	A	A	A	A	C	B	A	A
Sodium Chromate	A	A	-	B	-	D	A	-	-	A	B	-	-	A	A	A	A	D	B	A	A
Sodium Cyanide	A	-	A	-	A	D	C	-	B	A	A	D	A	A	A	A	A	D	B	A	A
Sodium Dichromate														B	-	A	A	-	-	A	-
Sodium Flouride	C	-	A	A	D	-	A	-	C	-	-	-	-	A	A	A	A	B	-	A	A
Sodium Hydrosulfite	-	-	-	A	C	-	A	-	-	-	A	-	-	A	-	A	A	A	-	-	

RATINGS -
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Not Recommended

	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
Sodium Hexmetaphosphate (Calgon)														B	B	A	A	C	B	-	-
Sodium Hydroxide (20%)	A	A	A	A	A	D	C	C	B	C	D	D	A	B	A	A	D	D	B	A	A
Sodium Hydroxide (50% Solution)	A	B	A	A	A	D	C	C	C	C	D	D	-	C	D	A	A	D	C	A	D
Sodium Hydroxide (80% Solution)	A	D	A	B	A	D	C	C	C	C	D	D	-	C	D	B	A	D	C	A	D
Sodium Hypochlorite (to 20%)	C	C	A	A	A	D	A	-	B	D	A	D	B	D	C	A	A	D	D	B/150	A
Sodium Hypochlorite	-	A	A	A	A	-	A	-	-	-	D	C	-	A	B	D	A	D	D	A	
Sodium Hyposulfate	A	A	-	-	-	-	-	-	-	-	-	-	-	C	-	A	A	D	-	-	
Sodium Metaphosphate	-	A	-	-	-	B	A	-	-	A	A	-	A	B	A	A	A	A	-	D/72	-
Sodium Metasilicate	-	A	-	-	-	D	-	-	-	A	-	D	-	A	A	A	-	B	-	-	-
Sodium Nitrate	A	A	A	B	A	B	A	-	B	A	A	D	A	B	C	A	A	A	A	A	A
Sodium Perborate	-	C	-	-	-	B	A	-	-	A	A	D	A	B	B	A	A	D	C	A	A
Sodium Peroxide	A	A	-	B	A	D	D	-	-	A	A	D	A	B	C	A	A	D	D	B/120	A
Sodium Phosphate														B	B	A	A	D	B	A	A
Sodium Polyphosphate (Mono.Di.Tribasic)	A	A	A	A	-	B	-	-	-	A	A	-	A	D	A	A	-	D	-	A	A
Sodium Silicate	A	B	A	B	A	C	A	-	-	A	A	-	A	A	A	A	A	C	A	A	A
Sodium Sulfate	A	A	A	B	A	B	A	-	B	A	A	-	A	A	A	A	A	B	A	A	
Sodium Sulfate (Salt Cake)														B	A	A	A	B	A	A	-
Sodium Sulphate														A	A	A	A	B	A	A	A
Sodium Sulfide	A	B	A	B	A	B	A	-	B	A	A	-	A	A	A	A	A	D	A	A	B
Sodium Sulfite	C	C	A	A	A	-	D	-	A	A	A	-	-	A	A	A	A	A	D	A	A
Sodium Tetraborate	-	A	-	-	A	B	-	-	-	A	A	-	-	-	A	A	A	-	-	-	-
Sodium Thiosulphate ("Hypo")	A	A	A	-	A	C	A	-	-	A	A	-	A	A	B	A	A	B	C	A	A
Sorghum	A	A	-	-	-	A	A	-	-	A	A	-	-	A	A	A	-	-	A	-	-
Soybean Oil														A	A	A	A	A	A	B	-
Soy Sauce	A	A	-	-	-	A	A	-	-	A	A	-	-	A	A	A	A	A	D	-	-
Sperm Oil (Whale Oil)														D	A	A	A	-	A	-	-
Stannic Chloride	D	D	A	B	A	C	A	-	B	-	-	D	A	D	A	A	A	D	D	A	A
Stannic Fluoborate	-	A	-	-	-	C	-	-	-	-	A	-	-	A	A	A	-	D	D	-	-
Stannous Chloride	D	C	A	A	A	-	D	-	A	-	A	D	-	D	C	B	A	D	D	-	
Stannous Chloride (Tin Salt)														A	A	A	A	D	B	A	A
Starch	A	A	-	-	A	A	A	-	B	A	A	-	-	A	A	A	A	A	C	-	-
Stearic Acid	A	A	A	A	A	A	A	-	B	A	A	D	B	B	C	A	A	B	A	A/72	A
Stoddard Solvent	A	A	A	A	A	A	A	B	D	A	A	D	D	B	B	A	A	-	A	B/120	A
Styrene	A	A	-	-	-	A	-	-	-	A	A	D	D	D	D	B	A	A	A	-	A/70
Sucrose Solution														A	A	A	A	-	B	-	-
Sugar (Liquids)	A	A	-	A	-	A	A	B	-	A	A	-	-	B	A	A	-	A	-	A	-
Sulfamic Acid														A	B	-	A	A	D	-	-
Sulfate Liqours	C	C	-	A	-	D	-	-	-	A	A	-	-	C	-	-	-	B	-	A	-
Sulfite Liqours														A	A	A	A	D	D	-	-
Sulfur														B	B	A	A	D	B	A	A
Sulfur Chloride	D	D	-	-	A	D	A	-	A	A	C	-	D	D	D	A	A	D	D	C	A/70
Sulfur Dioxide	A	A	A	B	D	B	D	D	C	A	A	C	A	B	D	D	A	D	D	A/70	A
Sulfur Dioxide (Dry)	A	A	-	A	D	-	A	-	D	A	A	-	-	D	-	A	A	A	A	-	
Sulfur Hexafluoride														B	B	A	A	D	D	-	-
Sulfur Trioxide														C	C	A	A	D	D	-	D
Sulfur Trioxide (Dry)	A	C	-	-	A	D	D	-	-	B	A	-	B	D	D	A	A	A	-	D	D
Sulfuric Acid (Dilute)														B	D	A	A	D	D	A	A
Sulfuric Acid (To 10%)	D	C	A	A	A	D	D	B	B	A	A	-	D	D	C	A	A	D	D	A	A
Sulfuric Acid (10% - 75%)	D	D	C	B	A	D	D	B	C	A	D	-	D	D	D	A	A	D	D	A	A/150

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	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
Sulfuric Acid 75%-100%	-	D	D	B	B	-	D	-	-	-	A	-	-	D	D	A	A	-	-	B	
Sulfuric Acid (Concentrated)														D	D	A	A	D	-	B/70	A/120
Sulfuric Acid (20% Oleum)														D	D	B	A	D	D	D	D
Sulfurous Acid	C	B	A	B	A	D	D	-	B	B	A	D	B	B	C	A	A	D	D	A	A
Sulfuryl Chloride	-	-	-	-	A	-	-	-	-	-	A	-	-	-	D	-	A	-	-	-	
Syrup	A	A	-	-	A	A	A	B	-	A	A	-	-	B	A	A	-	A	-	A	-
Tall Oil (Liquid Rosin)														B	A	A	A	D	B	A	A
Tallow	A	A	-	-	-	A	A	-	C	A	A	-	-	-	A	A	A	A	-	B/70	-
Tannic Acid	A	A	A	B	A	B	D	-	B	A	A	C	A	B	A	A	A	C	A	A	A
Tanning Liqours	A	A	A	A	A	B	-	-	-	A	A	-	-	-	C	A	A	C	A	A	-
Tar, Bituminous	A	B	A	B	A	B	A	-	B	A	A	C	-	C	B	A	A	-	B	-	-
Tartaric Acid														B	A	A	A	C	A	A	A
Terpene														D	C	A	A	A	D	-	-
Terpineol														D	C	A	A	A	A	D	B/120
Tertiary Butyl Alcohol														A	A	B	A	-	A	B	-
Tertiary Butyl Catechol														B	D	A	A	C	B	-	-
Tertiary Butyl Mercaptan														D	D	A	A	-	-	-	-
Tetra Bromomethane														D	D	A	A	-	-	-	-
Tetra Butyl Titanate														A	B	A	A	-	A	-	-
Tetrachlorodifluorethane														D	D	-	A	-	-	-	-
Tetrachloroethylene														D	D	A	A	D	A	D	-
Tetrachloroethane	-	A	A	A	D	A	A	-	-	A	A	-	D	-	D	A	A	D	-	D	A
Tetraethyl Lead														D	B	A	A	-	A	A/70	A
Tetraethylene Glycol														-	A	A	A	-	A	-	-
Tetrahydrofuran	A	A	-	-	D	A	A	-	D	A	A	-	D	D	D	B	A	-	A	C	B/70
Tetralin														D	D	A	A	A	A	D	-
Thionyl Chloride														D	D	A	A	D	D	D	D
Thiophene														D	D	C	A	-	-	-	-
Titanium Tetrachloride														D	C	A	A	D	A	D	A
Toluene														D	C	A	A	A	A	D	A
Toluene Diisocyanate														D	-	-	A	-	B	-	-
Toluene, Toluol	A	A	A	A	D	A	A	D	D	A	A	D	D	D	D	A	A	A	A	D	A
Toluidine														-	D	B	A	A	A	-	-
Tomato Juice	A	A	-	-	-	B	A	B	-	A	A	-	-	A	A	-	-	A	-	A	A
Toothpaste														C	A	A	A	-	D	-	-
Transformer Oil														C	B	A	A	A	A	B/70	-
Transmission Fluid Type A														C	A	A	A	A	A	-	-
Triacetin														A	A	C	A	B	A	-	-
Triallyl Phosphate														C	D	A	A	-	-	B	-
Tributoxy Ethyl Phosphate														D	D	B	A	-	-	-	-
Tributy Phosphate														D	D	D	A	-	A	A/70	A/70
Tributy Mercaptan														D	D	A	A	-	-	-	-
Trichloroacetic Acid														B	C	B	A	D	D	B/70	A/70
Trichlorbenzenes														D	D	B	A	A	A	-	-
Trichloroethane	C	A	A	A	-	A	-	-	-	A	A	D	D	D	D	A	A	D	A	D	A/120
Trichloroethylene	A	A	A	A	D	A	C	D	D	A	A	D	D	D	D	A	A	D	A	D	A
Trichloropropane	-	A	-	-	-	A	-	D	-	A	A	-	-	A	A	A	A	D	A	D	-
Tricresylphosphate	-	A	B	A	D	C	-	-	-	A	A	-	-	D	D	B	A	-	-	B/70	D
Tridecyl Alcohol (Tridecanol)														-	A	B	A	-	-	-	-
Triethylamine	-	-	-	-	A	D	-	-	-	A	A	D	-	B	A	A	A	-	-	C	A/120
Triethanol Amine														B	B	B	A	B	A	A/70	A/170

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Triethyl Aluminum														D	D	B	A	-	-	-	C
Triethyl Borane														D	D	A	A	-	-	-	-
Triethylene Glycol														-	A	A	A	-	A	A	-
Trimethylene Glycol														-	A	A	A	A	A	-	-
Trinitrotoluene														A	D	C	A	-	-	-	-
Trioctyl Phosphate														D	D	B	A	-	A	-	-
Triaryl Phosphate														C	D	A	A	-	A	-	-
Tung Oil														B	A	B	A	A	B	-	-
Turpentine	A	A	-	A	A	A	A	-	D	A	A	-	D	D	A	A	A	A	B	D	A
Unsymmetrical Dimenthyk Hydrazine (UDMH)														B	C	D	A	B	A	-	A/170
Urea (Carbamide)														B	B	A	A	B	-	A	A
Urine	A	A	-	-	A	A	A	-	B	A	A	-	A	D	A	A	-	B	B	A	A
Valeric Acid														D	D	-	A	A	-	-	-
Vanilla Extract														D	A	D	A	-	-	-	-
Varnish														C	B	A	A	A	A	A	-
Varnish (Use Viton For Aromatic)	A	A	-	-	-	A	A	-	-	A	A	C	-	D	B	A	A	A	-	A	
Vegetable Juice	A	A	-	-	-	A	A	-	-	A	A	B	-	D	A	A	A	A	D	-	-
Vegetable Oils														B	A	A	A	A	B	A/120	A
Versilube F44 & F50														C	A	A	A	-	-	-	-
Vinegar	A	A	A	A	A	B	A	B	B	A	A	-	A	B	C	A	A	D	C	A	A
Vinyl Acetate														A	D	D	A	B	A	B	-
Vinyl Chloride														D	D	A	A	D	-	D	-
Wagner 21 B Fluid														A	C	D	A	-	A	-	-
Walnut Oil														B	A	A	A	-	-	-	-
Water, Acid, Mine	A	A	-	-	A	D	A	B	-	A	A	-	-	B	A	A	A	C	D	A	A
Water, Distilled, Lab grade 7	A	A	-	-	A	A	A	A	-	A	A	-	A	B	A	A	A	B	D	A	A
Water, Fresh	A	A	-	-	A	A	A	A	D	A	A	-	A	B	A	A	A	A	B	A	A
Water, Salt	A	A	-	-	A	A	A	-	-	A	A	-	A	B	A	A	A	B	D	A	A
Waxes														A	A	-	A	A	-	-	-
Weed Killers	A	A	-	-	-	A	A	-	-	A	A	-	-	C	B	A	A	D	-	-	-
Whey	A	A	-	-	-	A	-	-	-	A	A	-	-	-	A	B	-	B	-	-	-
Whiskey														D	B	A	A	-	A	-	A
Whiskey & Wine														A	B	A	A	D	D	A	
White Liquor (Pulp Mills)	A	A	-	-	A	A	A	-	B	A	A	B	A	A	A	A	A	D	C	A	A
Whie Pine Oil	A	A	-	A	A	D	A	-	-	A	A	-	-	A	-	A	A	-	C	A	-
White Oil														B	A	A	A	-	A	-	-
White Water (Paper Mill)	A	A	-	-	-	B	A	D	-	A	A	-	-	A	-	A	-	-	-	A	-
Wines														A	A	B	A	C	D	A	A
Wood Oil														A	B	B	A	A	A	-	-
Wort, Distillery														A	-	A	A	A	B	-	-
Xylene	A	A	-	A	D	A	A	D	D	A	A	D	D	D	D	A	A	A	A	D	A
Xylidenes														D	D	C	A	-	-	-	-
Zeolites														C	C	A	A	-	A	-	-
Zinc Acetate														C	C	C	A	-	A	-	-
Zinc Carbonate														-	A	A	A	B	B	-	-
Zinc Chloride	A	B	A	B	A	C	A	-	B	A	A	-	A	A	A	A	A	D	D	A	A
Zinc Hydrosulphite	-	A	-	-	-	C	-	-	-	A	A	-	A	A	A	-	-	D	D	-	-
Zinc Sulfate	A	A	A	B	C	C	A	-	D	A	A	-	A	A	A	A	A	D	D	A	A

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Brass Plating																					
Regular Brass Bath 100 F	-	A	A	A	A	-	A	-	-	-	C	D	-	A	A	A	A	-	-	A	
High Speed Brass Bath 110 F	-	A	A	A	A	-	A	-	-	-	D	D	-	A	A	A	A	-	-	A	
Bronze Platinh																					
Copper Cadmium Bronze Bath R.T	-	A	A	A	A	-	A	-	-	-	C	D	-	A	A	A	A	-	-	A	
Copper Tin Bronze Bath 160 F	-	A	A	A	D	-	A	-	-	-	D	D	-	B	A	A	A	-	-	A	
Cadmium Plating																					
Cyanide Bath 90 F	-	A	A	A	A	-	A	-	-	-	C	-	-	A	A	A	A	-	-	A	
Fluoborate Bath 100 F	-	A	D	A	A	-	D	-	-.	-	D	-	-	C	B	A	A	-	-	A	
Chromium Plating																					
Chromic Sulfuric Bath 130 F	-	C	A	A	A	-	D	-	-	-	A	-.	-	D	D	C	A	-	-	A	
Fluosilicate Bath 95 F	-	C	C	A	A	-	D	-	-	-	B	-	-	D	D	C	A	-	-	A	
Fluoride Bath 130 F	-	D	C	A	A	-	D	-	-	-	B	-	-	D	D	C	A	-	-	A	
Black Chrome Bath 115 F	-	C	A	A	A	-	D	-	-	-	A	-	-	D	D	C	A	-	-	A	
Barrel Chrome Bath 95 F	-	D	C	A	A	-	D	-	-	-	A	-	-	D	D	C	A	-	-	A	
Copper Plating (Cyanide)																					
Copper Strike Bath 120 F	-	-	A	A	-	-	-	-	-	-	C	-	-	A	-	B	A	A	-	-	
Rochelle Salt Bath 150 F	-	A	A	A	D	-	A	-	-	-	D	-	-	B	A	A	A	-	-	A	
High Speed Bath 180 F	-	A	A	A	D	-	A	-	-	-	D	-	-	B	A	A	A	-	-	A	
Copper Plating (Acid)																					
Copper Sulfate Bath R.T	-	D	A	A	A	-	D	-	-	-	D	-	-	A	A	A	A	-	-	A	
Copper Fluoborate Bath 120 F	-	D	D	A	A	-	D	-	-	-	D	-	-	C	B	A	A	-	-	A	
Copper (Misc.)																					
Copper Pyrophosphate 140 F	-	A	A	A	A	-	A	-	-	-	B	-	-	A	A	A	A	-	-	A	
Copper (Electroless) 140 F	-	-	-	-	A	-	A	-	-	-	D	-	-	D	D	A	A	-	-	A	
Gold Plating																					
Cyanide 150 F	-	A	A	A	D	-	A	-	-	-	B	-	-	A	A	A	A	-	-	A	
Neutral 75 F	-	C	A	A	A	-	A	-	-	-	A	-	-	A	A	A	A	-	-	A	
Acid 75 F	-	C	A	A	A	-	A	-	-	-	A	-	-	A	A	A	A	-	-	A	
Indium Sulfamate Plating R.T	-	C	A	A	A	-	D	-	-	-	A	-	-	A	A	A	A	-	-	A	
Iron Plating																					
Ferrous Chloride Bath 190 F	-	D	A	D	D	-	D	-	-	-	A	-	-	D	B	A	A	-	-	C	
Ferrous Sulfate Bath 150 F	-	C	A	A	D	-	D	-	-	-	A	-	-	B	A	A	A	-	-	A	
Ferrous Am.Sulfate Bath 160 F	-	C	A	A	D	-	D	-	-	-	A	-	-	B	A	A	A	-	-	A	
Sulfate Chloride Bath 160 F	-	D	A	D	D	-	D	-	-	-	A	-	-	C	B	A	A	-	-	A	
Fluoborate Bath 145 F	-	D	D	B	D	-	D	-	-	-	D	-	-	C	B	A	A	-	-	A	
Sulfamate 140 F	-	D	A	B	A	-	D	-	-	-	A	-	-	A	A	A	A	-	-	A	
Lead Fluoborale Plating	-	C	D	A	A	-	D	-	-	-	D	-	-	C	B	A	A	-		A	
Nickel Plating																					
Watts Type 115-160 F	-	C	A	A	D	-	A	-	-	-	A	-	-	A	A	A	A	-	-	A	
High Chloride 130-160 F	-	C	A	A	D	-	D	-	-	-	A	-	-	B	A	A	A	-	-	A	
Fluoborate 100-170 F	-	C	D	A	D	-	D	-	-	-	D	-	-	C	B	A	A	-	-	A	
Sulfamate 100-140 F	-	C	A	A	A	-	A	-	-	-	A	-	-	A	A	A	A	-	-	A	
Electroless 200 F	-	-	-	-	D	-	D	-	-	-	A	-	-	D	D	A	A	-	-	D	
Rhodium Plating 120 F	-	D	D	D	A	D	D	-	-	-	A	-	-	B	A	A	A	-	-	A	
Silver Plating 80-120 F	-	A	A	A	A	-	A	-	-	-	B	-	-	A	A	A	A	-	-	A	
Tin Fluoborate Plating 100 F	-	C	D	A	A	-	D	-	-	-	D	-	-	C	B	A	A	-	-	A	
Tin Lead Plating 100 F	-	C	D	A	A	-	D	-	-	-	D	-	-	C	B	A	A	-	-	A	

RATINGS -
CHEMICAL EFFECT
A: No effect - Excellent
B: Minor effect - Good
C: Moderate effect - Fair
D: Severe effect -
Not Recommended

	SS-304	SS-316	Titanium	Hastelloy C	PVC	Polyacetal	Nylon	ABS	Polyethylene	Carbon	Ceramic	Silicon	EPDM	Neoprene	Buna N (Nitrile)	Viton	Teflon	Aluminum	Cast Iron	Polypropylene	PVDF
Platings (cont.)																					
Copper Zinc Bronze Bath 100 F	-	A	A	A	A	-	A	-	-	-	C	-	-	A	A	A	A	-	-	A	
Plating Solutions																					
Antimony Plating 130 F	-	A	A	A	A	-	D	-	-	-	A	D	-	A	A	A	A	-	-	A	
Arsenic Plating 110 F	-	A	A	A	A	-	A	-	-	-	C	D	-	A	A	A	A	-	-	A	
Zinc Plating																					
Acid Chloride 140 F	-	D	A	D	A	-	D	-	-	-	A	-	-	A	A	A	A	-	-	A	
Acid Sulfate Bath 150 F	-	C	A	A	D	-	D	-	-	-	A	-	-	B	A	A	A	-	-	A	