	316 Stainless Steel	440 Stainless Steel	Aluminum	Brass	Brass2	BUNA N (NITRILE)	CARBON	Carbon Steel	Cast Bronze	Cast Iron	CERAMAGNET "A"	CERAMIC	Cycolac (ABS)	Epoxy	Ethylene Propylene (EPM)	HASTELLOY C	KYNAR	Neoprene	Noryl	Nylon	PFC (Flourocarbons)	Polyacetal	Polybutylene Terephthalate (PBT)	Polyethylene	POLYPROPYLENE	PSU (Polysulfone)	PVC (Type 1)	Rubber (Natural)	RYTON	Silicon	Silicone	Teflon	TITANIUM	Tygon (E-3606)	VITON
Acetaldehyde[5]	A	-	B	B	-	B	A	C	D	-	-	A	D	A	B	A	-	D	-	A	D	A	-	C	B	-	D	C	A	B	A	A	A	D	D
Acetamide	A	-	-	-	-	A	-	C	-	-	-	A	-	A	A	-	-	A	-	-	B	B	-	-	-	-	-	D	-	-	B	-	-	-	A
Acetate Solv.[2]	A	B	B	A	C	D	A	A	A	B	-	A	-	A	-	-	-	D	-	A	D	-	-	B	D	-	B	-	-	-	C	A	-	D	D
Acetic Acid, Glacial	A	A	B	D	C	D	A	A	C	D	-	A	D	B	B	A	-	C	C	D	D	D	-	B	B	A	C	C	A	B	B	A	A	B	D
Acetic Acid 20%	A	-	-	D	C	C	-	-	-	-	-	A	-	B	-	A	A	C	A	D	-	-	-	-	A	-	B	-	A	-	C	A	A	-	A
Acetic Acid 80%	B	-	-	D	C	C	-	-	-	-	-	A	-	B	-	A	A	D	B	D	-	-	-	-	B	-	D	-	-	-	B	A	A	-	A
Acetic Acid	B	B	B	D	C	C	A	C	C	D	-	A	C	A	B	A	B	C	A	D	-	D	D	B	A	C	A	C	A	-	C	A	A	B	C
Acetic Anhydride	A	B	B	D	D	A	A	D	C	B	-	A	D	A	B	A	D	B	D	D	-	D	-	A	A	D	D	C	A	C	C	A	A	D	D
Acetone[6]	A	B	A	A	A	D	A	A	A	A	A	A	D	B	A	A	D	C	D	A	D	B	D	C	B	D	D	D	A	B	D	A	A	D	D
Acetyl Chloride	A	-	-	B	-	-	-	-	D	-	-	-	-	A	-	-	-	-	-	-	A	-	-	-	-	D	-	A	A	-	-	A	-	-	A
Acetylene[2]	A	A	A	C	-	A	A	A	B	A	-	A	-	A	A	-	-	B	-	A	A	A	-	-	D	A	B	C	A	C	B	-	B	-	A
Acrylonitrile	A	-	B	A	-	D	A	-	A	C	-	A	D	A	D	B	-	D	-	-	D	B	-	-	B	-	-	-	A	-	D	-	B	-	C
Alcohols																																			
Amyl	A	-	C	B	B	A	A	C	A	C	-	A	B	A	A	A	A	A	C	A	A	A	-	B	B	-	A	C	A	D	D	A	A	B	A
Benzyl	B	-	B	-	C	D	A	-	A	-	-	A	D	A	B	A	-	B	A	A	A	A	-	D	A	-	D	D	-	-	-	-	A	B	A
Butyl	A	-	B	B	C	A	A	C	B	C	-	A	-	A	A	A	A	A	A	A	A	A	-	B	B	-	A	A	A	D	B	A	B	B	A
Diacetone[2]	A	-	A	B	C	D	A	A	A	-	-	A	-	A	A	A	-	D	A	A	D	A	-	-	D	-	D	D	-	-	D	-	A	-	D
Ethyl	A	A	B	B	C	A	A	A	A	A	A	A	B	A	B	A	-	A	A	A	A	B	-	B	A	-	A	A	-	B	B	-	A	C	A
Hexyl	A	-	A	-	C	A	A	A	A	-	-	A	-	A	A	A	-	B	A	A	B	A	-	-	A	-	-	A	-	D	B	-	A	-	A
Isobutyl	A	-	B	-	C	C	A	A	A	-	-	A	B	A	A	A	-	A	A	A	A	A	-	-	A	-	-	A	-	B	A	-	A	-	A
Isopropyl	B	-	B	B	C	C	A	A	A	C	-	A	-	A	A	A	-	B	A	A	A	A	-	-	A	-	-	A	-	C	A	-	A	-	A
Methyl[6]	A	A	B	B	C	B	A	A	A	A	A	A	D	A	A	A	-	A	A	A	C	C	-	B	A	-	B	A	-	-	A	A	A	-	C
Octyl	A	-	A	-	C	B	A	A	A	-	-	A	-	A	A	A	-	B	A	A	B	A	-	-	-	-	-	C	-	-	B	-	A	-	A
Propyl	A	-	A	-	-	A	A	A	A	-	-	A	-	A	A	A	B	A	A	A	A	C	-	B	A	-	A	A	A	-	B	A	A	-	A
Aluminum Chloride 20%	C	D	B	-	-	A	A	A	D	D	-	A	-	A	A	A	-	A	A	A	A	C	-	B	A	-	A	A	A	-	B	-	A	B	A
Aluminum Chloride	B	-	D	C	-	A	A	B	C	D	-	A	-	A	-	A	A	A	A	D	A	-	-	-	A	-	A	-	A	C	B	A	C	A	A
Aluminum Fluoride	D	D	-	-	-	A	A	A	-	-	-	-	-	A	-	B	A	A	A	D	A	C	-	B	A	-	A	C	-	C	B	A	D	-	A
Aluminum Hydroxide[6]	C	A	A	D	-	A	A	A	A	D	A	A	-	A	-	-	-	A	A	A	A	B	-	-	A	-	A	A	-	-	-	A	-	-	A
Alum Potassium Sulfate (Alum), 10%	A	-	A	-	-	-	A	A	-	D	-	A	-	A	-	B	-	A	-	A	A	-	-	A	-	-	A	A	-	-	A	A	-	-	A
Alum Potassium Sulfate (Alum), 100%	B	B	B	B	-	A	A	A	C	-	-	A	-	A	-	B	-	A	A	D	A	C	-	B	A	-	A	A	-	-	-	A	-	B	A
Aluminum Sulfate	B	A	A	C	C	A	A	A	C	D	-	A	-	A	A	A	A	A	A	A	A	C	-	B	A	-	A	A	A	-	A	A	A	B	A
Amines	A	-	A	B	-	D	A	B	B	A	-	A	-	A	B	A	-	B	B	A	D	D	-	-	-	-	C	C	-	C	B	A	B	A	D
Ammonia 10%	A	-	-	-	-	D	-	-	-	-	-	A	-	B	-	A	D	A	A	A		-	A	-	A	C	A	-	A	-	-	A	A	-	A
Ammonia, Anhydrous	A	A	B	-	-	B	C	B	D	D	-	A	-	A	A	A	D	A	A	A	D	D	-	B	A	-	A	D	B	B	C	A	B	B	D
Ammonia, Liquids	A	A	D	-	-	B	A	A	D	A	-	A	-	A	A	B	-	A	A	-	D	D	-	D	A	A	A	D	-	B	-	A	-	B	D
Ammonia, Nitrate	A	A	C	D	-	A	A	A	D	-	-	A	-	A	-	-	-	C	A	-	A	C	-	-	A	-	B	-	-	-	-	-	-	B	-
Ammonium Bifluoride	B	-	D	-	-	A	-	-	-	-	-	A	-	A	-	B	-	A	A	-	A	D	-	-	A	-	A	-	-	-	-	-	-	-	A
Ammonium Carbonate	B	A	C	D	-	D	A	B	B	C	-	A	-	A	A	B	-	A	A	A	A	D	-	-	A	-	A	-	-	C	C	A	A	B	B
Ammonium Casenite	A	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	A	A	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Ammonium Chloride	B	A	C	C	C	A	A	D	D	D	-	A	-	A	A	A	A	A	A	A	A	B	-	B	A	-	A	A	A	C	C	A	D	B	A
Ammonium Hydroxide	A	A	C	-	D	B	A	C	D	A	-	A	B	A	A	A	-	A	A	A	B	D	-	B	A	-	A	C	A	B	A	A	A	B	B
Ammonium Nitrate	A	A	B	D	D	A	A	D	D	A	-	A	-	A	A	A	-	A	A	D	A	C	-	B	A	-	A	A	A	C	C	A	A	B	D
Ammonium Oxalate	A	A	-	-	-	A	A	A	-	-	-	-	-	A	-	A	-	A	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-
Ammonium Persulfate	B	A	C	D	-	A	A	A	A	D	-	A	-	A	A	A	D	A	A	D	A	D	-	-	A	-	A	A	-	-	D	A	C	-	C
Ammonium Phosphate, Dibasic	C	A	B	C	-	A	A	D	C	-	-	A	-	A	A	A	-	A	A	A	A	B	-	B	A	-	A	A	-	B	A	A	A	-	A
Ammonium Phosphate, Monobasic	C	A	B	C	-	A	A	A	D	-	-	A	-	A	A	A	-	A	A	A	A	B	-	B	A	-	A	A	-	B	A	A	A	A	A
Ammonium Phosphate, Tribasic	B	A	B	C	-	A	A	D	C	C	-	A	-	A	A	A	-	A	A	A	A	B	-	B	A	-	A	A	-	B	A	A	A	-	A
Ammonium Sulfate	B	A	B	D	C	A	A	C	B	C	-	A	-	A	A	A	A	A	A	D	D	B	-	B	A	A	A	A	A	B	A	A	A	D	D
Ammonium Thio-Sulfate	A	-	-	-	-	A	A	A	-	D	-	A	-	A	-	-	-	A	-	-	A	B	-	-	-	-	-	-	-	-	-	-	A	-	-
Amyl-Acetate	A	C	B	A	-	D	A	C	C	-	-	A	-	A	A	A	C	D	D	B	D	A	-	D	D	D	D	D	A	D	D	A	A	D	D
Amyl Alcohol	A	-	B	-	-	B	A	A	A	-	-	A	-	A	A	A	A	A	C	A	A	A	-	B	A	A	A	C	-	D	D	A	A	B	B
Amyl Chloride	A	-	D	B	-	D	A	A	A	-	-	A	-	A	D	A	A	D	D	C	A	A	-	D	D	-	D	D	-	-	D	A	-	C	A
Aniline	B	A	C	D	-	D	A	C	C	-	-	A	D	A	B	B	C	D	D	C	A	D	-	C	B	D	D	D	A	C	B	A	A	D	C
Anti-Freeze	A	-	A	-	B	A	A	C	B	B	A	A	B	A	A	A	-	A	A	A	A	A	-	B	A	A	A	A	A	C	C	A	-	B	A
Antimony Trichloride	D	-	D	-	-	-	-	-	-	-	-	A	-	A	-	A	-	C	-	D	A	-	-	A	-	-	A	A	-	-	-	A	C	A	A
Aqua Regia (80%, HCl, 20%, HNO)	D	-	D	-	-	D	-	-	D	-	-	D	-	D	D	D	C	D	D	D	A	D	-	D	C	-	D	D	-	C	D	A	A	D	C
Arochlor 1248	B	-	-	-	-	D	A	A	-	-	-	-	-	A	B	-	-	D	D	-	A	-	-	-	-	-	-	D	-	-	B	-	-	-	A
Aromatic Hydrocarbons	C	-	A	-	-	D	A	A	A	A	-	-	-	A	D	-	-	D	D	-	A	A	-	C	-	-	D	D	-	-	D	-	-	-	A
Arsenic Acid	A	-	D	C	B	A	A	D	D	D	-	A	-	A	-	-	A	A	A	A	A	D	-	B	A	-	A	C	-	-	A	A	-	B	A
Asphalt	A	-	C	B	-	B	-	-	A	C	A	A	-	A	D	-	-	B	-	A		A	-	-	A	-	A	D	A	C	D	-	-	-	A
Barium Carbonate	B	A	B	B	-	A	A	B	B	B	A	A	-	A	-	A	-	A	A	A	A	A	-	B	A	-	A	A	-	-	-	A	A	A	A
Barium Chloride	A	A	D	B	-	A	A	C	B	-	-	A	-	A	A	A	A	A	A	B	A	A	-	B	A	-	A	A	A	B	A	A	A	B	A
Barium Cyanide	A	-	-	C	-	C	A	A	C	-	-	-	-	A	A	-	-	A	-	-	A	B	-	B	-	-	-	-	-	-	-	-	-	-	A
Barium Hydroxide	B	A	D	D	-	A	A	C	B	C	A	A	-	A	A	B	A	A	A	A	A	D	-	B	A	-	A	A	A	C	A	A	B	-	A
Barium Nitrate	B	-	-	D	-	A	A	A	D	A	-	A	-	B	A	-	-	A	A	-	A	A	-	-	-	-	B	-	-	-	B	-	A	-	A

Barium Sulfate	B	A	D	B	-	A	A	C	C	C	-	B	-	B	A	A	A	A	A	A	A	A	A	-	B	A	-	A	-	A	D	A	A	A	-	A
Beet Sugar Liquids	A	-	A	-	B	A	A	-	A	A	-	A	B	A	A	-	-	B	A	A	A	B	-	-	A	-	-	A	A	-	-	A	A	-	-	A
Benzaldehyde3	B	-	B	B	-	D	A	A	A	B	-	A	D	A	A	A	C	D	D	C	D	A	-	D	D	D	D	D	D	A	B	D	A	A	D	D
Benzene2	B	A	B	A	A	D	A	C	B	B	A	A	D	A	D	B	B	D	D	A	D	A	B	D	D	D	D	D	D	A	-	-	A	A	C	A
Benzoic Acid2	B	A	B	C	-	D	A	-	B	D	-	B	-	A	D	A	A	D	A	D	A	B	-	B	D	-	A	D	-	-	-	B	A	A	B	A
Benzol	A	-	B	-	A	D	A	-	B	-	A	A	-	A	-	A	-	D	D	A	B	A	-	-	A	-	D	-	-	-	-	D	A	A	-	D
Borax (Sodium Borate)	A	A	C	B	B	B	A	C	A	A	A	A	-	A	A	A	A	A	A	A	A	A	-	B	A	-	A	C	A	C	B	A	B	A	B	A
Boric Acid	A	A	B	C	C	A	A	-	B	D	A	A	-	A	A	A	A	A	A	A	A	A	-	B	A	-	A	A	-	-	A	A	A	B	A	A
Brewery Slop	A	-	-	-	-	A	A	-	A	A	-	A	-	A	-	-	-	A	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	A
Bromine2 (wet)	D	D	D	-	-	D	D	D	C	D	D	A	D	C	D	A	A	D	D	D	A	D	-	D	D	-	B	D	D	D	-	-	A	A	B	A
Butadiene	A	-	A	B	A	A	A	C	C	C	-	A	-	A	A	-	A	B	-	A	B	A	-	-	-	-	A	-	B	-	D	A	-	-	-	A
Butane2 1	A	-	A	A	A	A	A	C	A	C	-	A	B	A	D	-	A	B	D	A	A	A	-	C	D	-	A	D	A	D	D	A	-	C	A	A
Butanol	A	-	A	-	-	-	-	-	A	-	-	-	-	-	-	A	-	-	-	-	A	-	-	-	-	A	-	-	-	-	B	A	-	-	-	-
Butter	A	-	A	-	-	A	A	-	D	D	-	A	B	A	A	-	-	B	B	-	A	A	-	-	-	-	-	D	-	-	B	-	-	B	A	A
Buttermilk	A	A	A	D	-	A	A	-	D	D	-	A	B	A	-	-	-	A	A	A	A	A	-	-	-	-	-	D	-	-	A	A	-	B	A	A
Butylene	A	-	A	A	A	B	A	A	A	A	-	A	-	A	D	-	-	-	-	-	A	A	-	-	-	-	B	D	A	-	D	A	-	-	A	A
Butyl Acetate1	A	-	A	B	-	B	A	A	A	-	-	A	-	A	B	A	C	D	D	-	-	A	A	C	D	-	D	D	A	D	D	A	-	D	D	D
Butyric Acid1	B	A	B	B	-	D	A	-	C	D	-	D	D	A	B	A	A	D	A	D	B	C	-	-	A	-	B	-	-	-	D	A	A	-	-	D
Calcium Bisulfate	A	-	D	D	D	A	-	-	D	D	-	-	-	A	-	-	-	C	-	A	A	-	-	-	-	-	A	A	-	C	C	A	-	A	A	A
Calcium Bisulfide	B	-	C	-	-	A	A	-	C	-	-	A	-	A	D	A	-	A	A	A	A	A	D	-	B	A	-	A	-	-	-	C	A	A	-	A
Calcium Bisulfite	A	-	C	D	-	A	-	-	C	-	-	A	-	-	-	A	A	A	A	A	A	-	-	-	A	-	A	A	-	-	A	A	A	-	-	A
Calcium Carbonate	B	A	C	D	-	A	A	-	C	D	-	A	-	A	-	A	-	A	A	A	A	A	-	B	A	-	A	A	-	-	A	A	A	A	A	A
Calcium Chlorate	-	-	-	D	-	-	A	-	C	-	-	-	-	A	-	B	-	A	-	A	A	-	-	A	-	-	A	A	-	-	-	A	B	A	A	A
Calcium Chloride	B	C	C	C	-	A	A	-	B	C	B	A	B	A	A	A	A	D	A	A	A	D	A	B	A	-	A	A	A	B	A	A	A	A	A	A
Calcium Hydroxide	B	-	C	D	-	A	A	-	B	-	A	A	-	A	A	A	-	A	A	A	A	B	-	B	A	-	A	A	-	C	A	A	A	A	A	A
Calcium Hypochlorite	B	C	C	-	-	B	A	-	D	D	-	A	-	A	A	B	A	D	A	D	A	D	-	B	A	-	D	C	-	C	B	A	A	-	A	A
Calcium Sulfate	B	A	B	B	-	A	A	-	B	-	-	A	C	A	-	B	A	D	A	A	A	A	-	B	A	-	A	C	A	-	-	A	A	A	A	A
Calgon	A	-	-	-	-	A	A	-	C	D	-	A	-	A	-	-	-	A	A	-	A	B	-	-	A	-	-	-	-	-	A	-	-	-	-	A
Cane Juice2	A	-	B	-	C	A	A	-	B	A	-	A	-	A	-	-	-	A	-	A	-	A	-	-	D	-	A	A	-	-	A	-	-	-	-	-
Carbolic Acid	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	D	-	-	-	-	-
Carbon Bisulfide2	B	A	A	C	-	D	A	-	C	B	A	A	-	A	D	-	-	D	-	A	A	A	-	-	D	-	D	D	-	-	-	-	-	D	A	A
Carbon Dioxide (wet)	A	-	C	-	C	-	A	-	C	C	-	A	-	-	-	A	-	-	-	-	B	-	-	-	-	-	-	-	-	-	B	A	-	-	-	-
Carbon Disulfide2	B	-	C	-	C	D	A	C	C	B	-	B	-	A	D	-	-	D	D	A	A	A	-	D	D	-	D	D	A	-	-	A	-	C	A	A
Carbon Monoxide	A	-	A	A	-	A	A	-	-	-	-	A	-	A	A	-	-	B	B	A	A	A	-	B	A	-	A	C	-	B	A	-	-	-	-	A
Carbon Tetrachloride2 1	B	A	C	-	A	C	A	D	C	C	A	A	D	C	-	A	A	D	D	A	A	A	A	D	D	-	C	D	C	C	D	A	A	C	A	A
Carbonated Water	A	A	A	D	-	A	A	-	B	D	-	A	-	A	A	-	-	A	A	A	A	A	-	-	A	-	A	-	-	-	-	-	-	-	-	A
Carbonic Acid	A	A	A	D	-	B	A	-	B	D	-	A	-	A	A	A	A	A	A	A	A	A	-	B	A	-	A	A	-	B	A	A	-	-	-	A
Catsup	A	A	D	-	-	A	A	-	C	D	-	A	B	A	-	-	-	C	A	A	A	B	-	-	A	-	A	-	-	-	-	-	-	-	-	A
Chloracetic Acid2	A	D	C	-	-	D	A	-	D	D	-	A	-	B	B	A	D	D	-	D	-	D	-	D	D	-	A	D	-	-	-	A	A	D	D	D
Chloric Acid	C	-	-	-	-	D	-	-	-	-	-	-	-	D	-	-	-	D	-	-	-	-	-	-	-	-	D	-	-	-	-	A	-	-	-	-
Chlorinated Glue	A	-	D	-	-	C	-	-	C	D	-	A	D	A	B	-	-	D	C	C	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	A
Chlorine, Anhydrous Liquid	C	D	D	-	-	D	A	-	D	C	-	D	-	B	B	A	-	D	A	D	C	D	-	D	D	-	D	D	C	-	D	A	D	B	A	A
Chlorine (dry)	B	-	D	-	B	-	A	-	A	A	-	A	-	D	-	A	-	D	-	-	A	-	-	-	-	D	-	D	C	-	D	A	D	-	-	D
Chlorine Water	C	-	D	D	D	D	C	-	D	D	-	A	-	-	-	B	A	D	C	D	D	-	-	-	D	C	A	-	C	C	D	A	A	-	A	A
Chlorobenzene (Mono)	B	-	B	-	-	D	A	C	B	B	-	A	D	A	D	A	A	D	D	A	A	A	D	D	D	D	D	D	A	-	D	A	-	D	A	A
Chloroform	A	A	D	B	-	D	A	C	B	D	A	A	D	A	D	A	C	D	D	C	B	A	D	D	D	D	D	D	C	D	D	A	A	C	A	A
Chlorosulfonic Acid1	B	D	D	C	-	D	-	D	D	-	-	C	-	C	D	B	D	D	D	D	D	D	-	D	D	-	C	D	D	D	D	A	A	C	D	D
Clorox (Bleach)	A	-	C	-	-	C	A	C	A	D	-	A	B	A	B	A	-	B	A	D	A	D	-	-	D	-	A	D	C	-	-	A	-	B	A	A
Chocolate Syrup	A	-	A	-	-	A	-	-	-	D	-	A	-	A	-	-	-	A	A	A	A	A	-	-	A	-	-	D	-	-	-	-	-	-	-	A
Chromic Acid 5%	A	B	C	D	D	D	D	-	D	D	-	C	B	B	A	A	-	D	C	D	A	D	-	B	A	-	A	B	A	C	C	-	A	B	A	A
Chromic Acid 10%	B	-	-	D	D	D	-	-	-	-	-	A	-	C	-	A	A	D	A	D	A	-	-	-	A	A	A	-	-	-	C	A	A	-	A	A
Chromic Acid 30%	B	-	-	D	D	D	-	-	-	-	-	A	-	D	-	A	B	D	D	D	A	-	-	-	A	-	A	-	-	-	C	A	A	-	A	A
Chromic Acid 50%	B	-	C	D	D	D	D	-	D	D	-	A	C	C	A	A	C	D	D	D	A	D	-	C	B	-	B	D	B	-	C	A	A	B	A	A
Cider	A	A	B	-	-	A	A	-	A	D	-	A	-	A	-	-	-	A	A	-	A	B	-	B	-	-	A	-	-	-	B	-	-	-	-	A
Citric Acid	A	A	C	D	C	D	A	-	D	D	B	A	C	A	A	A	A	A	A	C	A	B	A	B	B	C	A	A	-	C	A	A	A	-	A	A
Citric Oils	A	-	C	-	-	A	A	-	B	-	-	A	-	A	-	-	-	D	A	-	A	B	-	-	A	-	-	-	-	C	-	-	-	-	-	A
Coffee	A	A	A	A	-	A	A	-	B	C	-	A	-	A	-	-	-	A	A	A	A	A	-	-	A	-	-	A	-	-	A	A	-	-	A	A
Copper Chloride	D	B	D	-	-	A	-	-	D	D	-	A	-	A	A	A	A	A	A	D	A	B	-	B	A	-	A	A	A	-	A	A	A	B	A	A
Copper Cyanide	B	A	D	D	-	B	A	-	C	D	-	A	-	C	A	A	A	A	A	A	A	B	-	B	A	-	A	A	A	-	A	A	A	-	B	B
Copper Floborate	D	-	D	-	-	B	A	-	D	D	-	-	-	A	-	B	-A	A	-	-	A	B	-	A	-	-	A	A	-	-	-	A	-	-	A	A
Copper Nitrate	A	B	D	D	-	A	A	-	D	-	-	A	-	A	-	A	A	A	A	D	A	B	-	B	A	-	A	-	-	-	-	A	A	-	A	A
Copper Sulfate (5% Sol)	B	A	D	-	D	A	A	-	D	D	-	A	-	A	-	A	-	A	A	D	A	B	-	B	A	-	A	C	A	C	A	A	A	-	A	A
Copper Sulfate	B	-	-	D	D	B	-	-	C	-	-	A	-	A	A	A	A	A	A	C	A	-	-	-	A	-	A	-	-	-	-	A	A	-	B	B
Cream	A	-	A	-	-	A	A	-	C	D	-	A	-	A	-	-	-	C	A	A	-	A	-	-	A	-	-	-	-	-	-	-	-	-	-	A
Cresols2	A	-	B	C	C	D	A	-	D	-	-	A	D	A	D	-	-	D	-	-	A	D	-	D	C	-	D	D	A	D	D	-	-	D	D	D
Cresylic Acid	A	-	C	B	-	D	A	-	C	-	-	A	-	A	D	B	B	D	-	D	B	D	-	C	-	-	B	D	-	-	-	A	A	D	A	A
Cyclohexane	A	-	A	A	-	A	A	A	A	-	-	A	-	A	D	-	-	D	D	-	A	A	-	-	D	-	-	D	A	D	D	-	A	D	A	A
Cyanic Acid	A	-	-	-	-	C	-	-	-	-	-	-	-	A	-	-	-	D	-	-	D	D	-	-	-	-	-	-	-	-	A	-	-	-	-	-
Detergents	A	-	A	B	-	A	A	A	A	-	-	A	B	A	A	-	-	B	A	A	A	B	-	B	A	-	A	C	A	-	A	-	-	-	A	A
Dichlorethane	B	-	-	B	-	-	-	-	-	-	-	-	-	A	-	A	-	D	-	A	B	-	-	D	-	-	D	D	-	-	-	A	-	D	B	B
Diesel Fuel	A	-	A	A	-	A	A	A	A	A	-	A	-	A	D	-	-	D	D	-	A	A	-	-	D	-	-	D	A	-	D	-	-	-	-	A
Diethylamine	A	-	A	C	-	B	A	-	A	-	-	A	-	A	B	-	-	B	B	-	D	D	-	-	C	-	D	C	-	-	B	A	-	-	-	D
Diethylene Gycol	A	-	-	B	-	A	A	-	A	-	-	A	B	A	A	-	-	A	A	A	A	A	-	B	-	D	-	A	-	C	B	-	-	-	-	A
Diphenyl Oxide	A	-	-	-	-	D	A	-	A	-	-	A	-	A	D	-	-	D	-	-	A	A	-	-	-	-	-	D	-	-	C	-	-	-	-	A
Dyes	A	-	B	-	-	-	-	-	C	-	-	-	-	A	-	-	-	C	A	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	A
Epsom Salts (Magnesium Sulfate)	B	A	A	A	-	A	A	-	B	-	-	A	-	A	-	B	-	A	A	-	-	A	-	-	A	-	A	C	-	-	A	-	A	-	-	A
Ethane	A	-	A	B	-	A	A	-	A	-	-	A	-	A	D	-	-	B	D	-	A	A	-	-	-	-	-	D	-	-	D	-	-	-	-	A

Ethanolamine	A	-	-	-	-	B	A	C	-	-	-	A	-	A	-	-	-	B	-	-	D	D	-	-	-	-	-	C	A	C	B	-	-	-	D
Ether[3]	A	A	A	A	A	D	A	B	B	-	A	A	-	A	C	B	-	D	D	C	D	A	-	-	-	D	D	D	A	-	D	-	-	C	C
Ethyl Acetate2	B	-	B	B	-	D	A	C	B	-	-	A	D	A	B	B	D	D	D	A	D	A	B	C	C	D	D	D	A	C	B	A	-	D	D
Ethyl Chloride	A	A	B	-	-	D	A	D	B	C	-	A	-	A	A	B	A	C	D	A	A	A	-	D	D	-	D	A	A	D	D	A	A	D	A
Ethyl Sulfate	D	-	-	-	-	A	A	-	-	-	-	A	-	A	-	-	-	-	-	-	D	B	-	-	-	-	-	-	-	-	-	-	-	-	A
Ethylene Chloride2	B	-	C	-	-	D	A	C	A	C	-	A	D	A	C	B	-	D	D	-	B	A	D	-	D	D	D	D	A	D	D	A	B	-	A
Ethylene Dichloride	B	-	D	B	-	D	C	C	C	-	-	A	-	A	C	B	-	D	D	A	-	A	-	D	A	-	D	D	A	D	D	A	A	D	A
Ethylene Glycol4	B	-	A	B	B	A	A	C	B	B	A	A	B	A	A	A	A	A	A	A	A	A	-	B	A	A	A	A	A	C	A	A	-	B	A
Ethylene Oxide	B	-	A	D	-	D	A	-	A	-	-	A	-	A	C	-	-	D	A	A	D	A	-	-	-	A	D	D	-	D	D	A	-	-	D
Fatty Acids	A	-	B	C	-	C	A	-	C	D	-	A	-	A	C	A	A	B	B	A	A	A	-	B	A	-	A	C	-	C	C	A	A	B	A
Ferric Acid	-	D	D	-	D	D	A	-	D	D	-	A	-	A	A	B	A	B	A	D	-	B	-	B	A	-	A	A	A	C	-	A	A	B	A
Ferric Nitrate	B	A	D	D	-	A	A	-	D	-	-	A	-	A	A	A	A	A	A	D	A	B	-	B	A	-	A	A	A	D	C	A	A	-	A
Ferric Sulfate	A	A	D	C	D	B	C	-	D	D	-	A	C	A	-	A	A	A	A	A	A	B	-	-	A	-	A	A	A	C	B	A	A	B	A
Ferrous Chloride	D	-	D	D	-	B	A	-	C	D	-	A	-	A	-	B	A	A	A	D	A	B	-	B	A	-	A	A	A	C	-	A	A	B	A
Ferrous Sulfate	B	-	D	C	-	B	A	D	C	D	-	A	-	A	-	B	A	A	A	D	A	B	-	B	A	-	A	A	A	-	-	A	A	B	A
Fluoboric Acid	B	-	-	-	-	B	A	-	-	D	-	D	-	A	-	A	A	A	B	C	A	B	-	B	A	-	A	-	-	-	-	A	D	B	A
Fluorine	A	-	D	-	-	-	D	D	D	D	-	-	-	D	-	A	-	-	-	D	B	-	-	C	-	-	C	-	-	-	D	C	D	-	-
Fluosilicic Acid	B	-	D	B	-	A	A	-	-	D	-	D	-	C	-	B	A	A	A	D	A	B	-	B	A	-	A	-	-	-	-	A	D	B	B
Formaldehyde 40%	-	-	-	-	-	B	-	-	-	-	-	A	-	A	-	A	B	A	A	D	A	-	-	-	A	-	B	-	A	B	-	A	A	-	D
Formaldehyde	A	-	A	B	B	C	A	A	A	D	-	A	-	A	B	B	-	D	D	A	A	A	-	B	A	-	A	C	A	B	B	A	A	B	D
Formic Acid6	A	B	D	D	C	D	A	D	C	D	B	A	-	B	A	A	A	D	A	D	D	D	A	B	A	-	D	C	A	C	B	A	C	B	B
Freon 111	-	-	B	-	-	C	A	B	B	C	A	A	D	A	D	-	-	D	D	A	-	A	A	C	-	-	B	D	A	D	-	A	-	D	B
Freon 12 (wet)2	B	-	B	A	-	A	A	-	B	-	A	A	B	A	B	-	-	B	D	A	C	A	-	C	A	-	B	D	A	D	-	A	-	D	A
Freon 22	A	-	B	A	-	D	A	-	B	-	A	A	-	A	A	-	-	A	B	A	D	A	-	-	-	-	D	A	A	D	D	-	-	D	D
Freon 113	-	-	B	A	-	A	A	-	B	-	A	A	-	A	-	-	-	A	-	A	B	A	-	-	-	-	C	D	A	D	-	-	-	D	C
Freon T.F.4	A	-	B	A	-	A	A	-	B	-	A	A	-	A	D	-	-	A	D	A	B	A	-	-	D	-	B	D	A	D	D	-	-	D	B
Fruit Juice	A	A	B	D	-	A	A	D	B	D	A	A	-	A	-	-	-	A	A	A	A	B	A	B	A	-	A	-	-	-	-	D	-	-	A
Fuel Oils	A	-	A	B	-	A	A	B	B	C	-	A	-	A	D	A	A	B	A	A	A	A	-	D	B	-	A	D	A	C	D	A	A	-	A
Furan Resin	A	-	A	-	-	D	-	A	A	A	-	A	-	A	-	-	-	D	-	-	D	A	-	-	-	-	-	D	A	-	D	A	-	-	A
Furfural[1]	B	-	A	A	-	D	A	A	A	-	-	A	D	A	B	B	D	D	D	A	D	B	-	D	D	D	D	D	A	D	D	A	-	-	D
Gallic Acid	B	-	A	-	-	A	-	D	A	D	-	-	-	-	-	A	-	-	A	A	A	-	-	-	-	-	A	-	-	-	D	A	-	A	B
Gasoline[1 4]	A	A	A	A	-	A	A	A	A	A	A	A	D	A	C	A	A	D	D	A	A	A	-	D	C	C	C	D	A	D	-	A	D	-	A
Gelatin	A	A	A	C	C	A	A	D	A	D	-	A	-	A	A	A	-	A	A	A	A	A	-	-	A	-	A	A	-	-	A	A	-	-	A
Glucose	A	-	A	A	A	A	A	B	A	B	-	A	B	A	A	-	-	A	B	A	A	A	-	B	A	-	A	A	-	B	A	A	-	B	A
Glue P.V.A.1	A	-	B	A	-	A	A	A	A	-	-	A	-	A	-	-	-	A	-	A	A	A	-	-	-	-	A	-	-	-	A	A	A	B	A
Glycerine	A	A	A	B	B	A	A	B	A	B	-	A	C	A	A	A	A	A	A	A	A	A	A	-	A	A	A	A	-	B	-	A	A	B	A
Glycolic Acid	A	-	-	-	-	A	A	-	-	-	-	-	-	A	-	A	-	A	A	-	D	C	-	B	A	-	-	-	A	-	A	-	-	A	A
Gold Monocyanide	A	-	-	-	-	A	A	-	A	D	-	A	-	A	-	-	-	A	-	-	-	A	-	-	-	-	-	-	-	-	A	-	-	-	A
Grape Juice	A	-	B	-	-	A	A	-	B	D	-	A	B	A	-	-	-	A	A	-	A	B	-	B	-	A	A	-	-	-	A	-	-	-	A
Grease[4]	A	-	A	B	-	A	A	A	B	A	-	A	-	A	-	-	-	D	-	A	A	A	-	-	-	-	-	-	-	-	D	A	-	-	A
Heptane[1]	A	-	A	A	-	A	A	B	A	-	-	A	C	A	D	A	A	B	D	A	A	A	A	D	D	-	A	-	A	-	D	A	-	-	A
Hexane[1]	A	-	A	A	-	A	A	B	B	-	-	A	D	A	D	A	A	B	D	A	A	A	A	-	C	-	C	D	A	B	D	A	-	-	A
Honey	A	-	A	-	-	A	A	-	A	A	-	A	B	A	A	-	-	A	A	A	A	A	-	-	A	-	A	-	-	-	A	-	-	-	A
Hydraulic Oils (Petroleum)1	A	-	A	B	-	A	A	A	B	A	-	A	-	A	D	-	-	B	-	A	A	A	-	-	D	-	-	D	-	-	-	A	-	-	A
Hydraulic Oils (Synthetic)1	A	-	A	-	-	C	A	-	A	A	-	A	-	A	-	-	-	-	-	A	-	A	-	-	D	-	-	-	-	D	B	-	-	-	A
Hydrazine	A	-	-	D	-	B	A	-	-	C	-	-	-	A	A	-	-	B	-	-	D	D	-	-	-	-	-	C	-	D	-	-	-	-	A
Hydrobromic Acid 20%	D	-	-	-	-	D	-	-	-	-	-	B	-	B	-	A	A	C	A	D	A	-	-	-	A	A	A	-	-	-	D	A	A	-	A
Hydrobromic Acid4	D	D	D	-	-	D	A	D	D	D	-	A	-	A	A	A	A	D	C	D	A	D	-	B	B	-	A	A	-	D	-	A	A	B	A
Hydrochloric (Dry Gas)	D	-	D	-	-	-	A	D	-	-	-	-	-	A	A	A	-	-	-	-	B	-	-	-	-	-	A	-	-	-	-	A	-	-	-
Hydrochloric Acid 20%4	D	D	D	-	-	C	A	-	D	D	D	A	B	A	A	B	A	C	A	D	A	D	-	A	A	-	A	C	D	-	D	A	C	B	A
Hydrochloric Acid 37%4	D	D	D	-	-	C	A	-	D	D	D	C	C	A	C	B	A	C	A	D	A	D	D	A	A	-	A	D	D	C	-	A	C	B	A
Hydrochloric Acid 100%	D	-	D	-	-	D	A	-	D	D	-	C	-	A	-	C	-	C	-	D	B	-	-	A	-	A	A	A	-	-	D	A	D	A	C
Hydrocyanic Acid	A	C	A	D	D	C	A	C	D	-	-	A	-	A	-	A	-	B	A	A	A	B	-	B	A	-	A	A	-	-	C	A	A	B	A
Hydrocyanic Acid (Gas 10%)	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	-	-	C	-	-	A	-	-	-	-	-	A	C	-	-	D	A	-	-	-
Hydrofluoric Acid 20%1	D	D	D	D	-	D	B	-	D	D	D	C	-	B	A	B	-	C	A	D	A	D	-	C	A	-	D	C	C	-	D	A	D	B	A
Hydrofluoric Acid 75%1 2	D	-	D	D	-	D	D	-	D	D	D	D	-	C	C	C	A	D	D	D	B	D	-	C	B	-	C	C	C	D	D	A	D	B	A
Hydrofluoric Acid 100%	B	-	D	D	-	D	D	D	D	D	-	D	-	A	-	B	-	D	-	-	B	-	-	D	-	-	C	D	C	-	D	A	D	D	-
Hydrofluosilicic Acid 20%	D	-	D	B	-	B	A	-	A	D	-	D	-	C	A	B	-	B	B	D	A	D	-	-	A	-	D	A	-	-	D	A	D	-	A
Hydrofluosilicic Acid	D	-	C	-	-	-	A	-	D	-	-	-	-	-	-	C	-	A	-	-	A	-	-	-	-	-	-	-	-	D	-	A	-	C	-
Hydrogen Gas	A	-	A	-	-	-	-	B	A	B	-	-	-	A	-	-	A	-	-	-	A	-	-	-	-	-	A	-	-	-	C	A	-	-	A
Hydrogen Peroxide 10%	B	-	A	D	D	A	A	-	D	D	-	A	-	D	-	A	-	D	-	D	A	-	-	A	-	-	A	C	B	-	A	A	C	A	-
Hydrogen Peroxide 30%	B	-	-	D	D	D	-	-	-	-	-	-	-	B	-	A	-	C	-	D	A	-	D	-	A	-	A	-	C	-	B	A	B	-	A
Hydrogen Peroxide	A	A	A	D	D	D	-	D	D	D	A	A	-	A	C	A	C	D	B	D	A	D	-	B	A	A	A	C	C	C	-	A	B	C	A
Hydrogen Sulfide, Aqueous Solution	A	C	C	C	C	C	A	-	D	D	A	A	-	A	A	A	A	B	A	D	D	D	-	B	A	C	A	D	A	-	-	A	A	B	D
Hydrogen Sulfide (dry)	A	-	D	C	C	-	-	B	D	B	-	A	-	A	-	A	-	-	-	D	D	-	-	-	-	-	A	A	A	-	C	A	-	-	D
Hydroxyacetic Acid -70%	-	-	D	D	-	A	A	-	-	-	-	A	-	A	A	-	-	A	-	-	A	D	-	-	-	-	A	-	-	-	-	-	B	-	A
Ink	C	-	C	D	-	A	A	D	C	D	A	A	-	A	-	-	-	A	B	A	A	A	A	B	-	-	-	-	-	-	-	-	-	-	A
Iodine	D	D	D	-	-	B	D	-	D	D	-	A	D	A	B	B	-	D	A	D	A	C	-	D	D	-	D	D	-	-	-	A	A	B	A
Iodine (in Alcohol)	-	-	-	-	-	D	-	-	-	-	-	A	-	-	-	A	-	D	C	D	-	-	-	-	B	-	D	-	-	-	-	A	D	-	A
Iodoform	A	-	A	B	-	-	-	B	C	C	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	A	-	-	A
Isotane[2]	-	-	A	-	-	A	-	-	-	-	-	A	-	A	-	-	-	-	D	-	A	A	-	-	D	-	-	D	-	-	-	-	-	-	A
Isopropyl Acetate	A	-	C	B	-	D	A	-	-	-	-	A	-	A	B	-	-	D	-	-	D	A	-	-	-	-	-	D	-	-	-	-	-	-	D
Isopropyl Ether2	A	-	A	A	-	B	A	A	A	-	-	A	-	-	D	-	-	D	D	-	D	A	-	-	D	C	-	D	-	-	D	A	-	-	D
Jet Fuel (JP3, JP4, JP5)	A	-	A	A	-	A	A	A	A	A	-	A	-	A	D	-	A	D	D	A	A	A	-	-	D	A	A	D	A	D	D	A	-	-	A
Kerosene[2]	A	A	A	B	A	A	A	B	A	A	A	A	B	A	A	A	A	D	D	A	A	A	-	D	D	C	A	D	A	D	D	A	A	D	A
Ketones	A	-	B	A	-	D	C	A	A	A	-	A	-	C	D	A	D	D	D	A	D	B	-	D	D	-	D	C	A	-	-	A	A	D	D
Lacquers	A	-	A	D	C	D	A	C	A	C	-	A	-	A	-	-	-	D	C	A	D	A	-	-	A	-	-	D	-	-	D	-	-	D	D

Lacquer Thinners	A	-	-	-	C	D	-	-	-	-	-	A	-	-	A	A	-	D	D	A	D	-	-	-	B	-	C	-	-	-	D	A	A	-	-
Lactic Acid	B	C	C	D	-	B	A	D	D	D	-	A	-	A	B	A	C	A	A	C	A	B	-	B	A	-	A	A	A	-	A	A	A	B	B
Lard	A	A	A	B	-	A	A	C	A	A	-	A	C	A	-	-	-	B	-	A	A	A	-	-	A	A	A	D	-	C	B	-	-	-	A
Latex	A	-	A	-	-	A	-	-	A	-	-	A	-	A	A	-	-	C	A	A	A	A	-	B	-	-	-	-	-	-	A	-	-	-	A
Lead Acetate	B	-	D	C	-	B	A	D	C	-	-	A	-	A	A	A	-	D	A	A	A	A	-	B	A	-	A	A	-	-	A	A	A	B	D
Lead Sulfamate	C	-	-	-	-	B	-	-	-	-	-	-	-	A	D	-	-	A	-	-	A	A	-	-	A	-	-	C	-	C	B	-	-	-	A
Ligroin[3]	A	-	-	-	-	A	-	-	A	-	-	A	-	A	A	-	-	B	D	-	A	A	-	-	D	-	-	D	-	-	D	-	-	-	A
Lime	A	-	C	-	-	A	A	-	A	A	-	A	C	A	D	-	-	B	A	-	A	D	-	-	-	-	A	-	-	C	-	-	A	-	A
Lubricants	A	-	A	-	-	A	A	-	B	-	-	A	B	A	-	A	-	D	-	A	A	A	-	-	A	-	A	D	A	C	D	A	A	-	A
Magnesium Carbonate	B	A	-	B	-	A	-	-	-	-	-	A	-	A	A	B	-	A	A	-	A	A	-	B	A	-	A	-	-	-	-	-	-	-	-
Magnesium Chloride	D	A	D	C	C	A	-	C	B	D	-	A	-	A	A	A	-	A	A	A	A	A	-	B	A	-	A	A	A	-	A	A	A	B	A
Magnesium Hydroxide	A	-	D	B	B	B	A	B	C	B	-	A	-	A	-	A	A	B	A	A	A	A	-	B	A	-	A	C	A	-	A	A	A	-	A
Magnesium Nitrate	B	A	-	C	-	A	-	-	-	-	-	A	-	A	-	A	-	A	A	A	A	A	-	B	A	-	A	-	-	-	-	A	A	-	A
Magnesium Oxide	A	-	-	-	-	A	-	-	-	-	-	A	-	A	A	-	-	A	-	-	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium Sulfate (Epsom Salts)	B	-	B	B	B	A	A	B	B	C	-	A	-	A	D	B	-	A	A	A	A	A	-	B	A	-	A	C	A	-	A	A	A	B	A
Maleic Acid	B	A	B	B	-	D	A	B	C	-	-	A	-	A	D	A	-	A	A	A	A	C	-	-	C	-	A	D	-	-	-	A	A	B	A
Maleic Anhydride	A	-	-	B	-	D	A	-	-	-	-	A	-	A	-	A	-	D	-	-	A	C	-	-	-	-	-	D	-	-	-	-	-	-	A
Malic Acid	A	-	C	B	-	-	-	D	D	-	-	A	-	-	-	A	-	A	-	A	A	-	-	-	-	-	A	A	-	-	B	A	-	-	B
Mash	A	-	-	-	-	A	A	-	A	-	-	A	-	A	-	-	-	A	A	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Mayonnaise	A	-	D	-	-	A	A	D	D	D	-	A	B	A	-	-	-	-	A	A	A	A	-	-	A	A	-	-	-	-	-	A	-	-	A
Melamine	D	-	-	D	-	C	A	-	D	-	-	A	-	A	-	-	-	-	-	-	A	D	-	-	-	-	-	-	-	-	C	-	-	-	-
Mercuric Chloride (Dilute Solution)	D	D	D	D	D	A	A	D	D	D	-	A	-	A	A	B	-	A	A	A	A	A	-	B	A	-	A	A	-	-	-	A	A	A	A
Mercuric Cyanide	C	-	D	D	-	A	A	D	D	-	-	A	-	A	-	-	-	-	A	-	A	A	-	B	A	-	A	-	-	-	A	A	A	-	-
Mercury	A	A	C	D	D	A	A	A	D	A	-	A	-	A	A	A	-	A	A	A	A	A	-	B	A	-	A	A	-	-	-	A	C	-	A
Methanol (See Alcohol Methyl)	A																																		
Methyl Acetate	B	-	A	A	-	D	A	B	A	-	-	A	D	-	B	A	-	B	-	-	D	A	-	-	-	D	-	D	-	D	D	A	-	-	D
Methyl Acrylate	-	-	-	-	-	D	A	-	-	-	-	A	-	A	B	-	-	B	-	-	D	A	-	-	-	-	-	D	-	-	D	-	-	-	D
Methyl Acetone	A	-	A	A	-	D	-	A	A	A	-	A	-	C	-	-	-	D	D	-	D	A	-	-	-	-	-	-	-	-	-	A	-	-	D
Methyl Alcohol 10%	A	-	C	-	-	B	-	B	C	-	-	-	-	A	-	A	-	-	-	A	C	-	-	-	-	-	A	A	-	-	A	A	-	-	-
Methyl Bromide	A	-	-	C	-	B	A	-	-	-	-	A	-	B	D	-	-	D	-	-	A	A	-	D	-	-	-	D	-	-	-	-	-	-	A
Methyl Butyl Ketone	A	-	A	-	-	D	A	-	-	-	-	A	-	B	A	-	-	D	D	-	D	B	-	-	-	-	-	D	-	C	D	-	-	-	D
Methyl Cellosolve	B	-	A	A	-	D	A	-	A	-	-	A	-	C	B	-	-	D	C	-	D	B	-	-	A	-	-	D	-	-	D	-	-	-	D
Methyl Chloride	A	-	D	C	-	D	A	-	A	-	-	A	-	A	C	A	A	D	D	A	A	A	-	D	D	-	D	D	-	D	D	A	A	-	A
Methyl Dichloride	-	-	-	-	-	D	A	-	-	-	-	A	-	A	D	-	-	D	D	-	A	A	-	-	-	-	-	D	-	-	-	-	-	-	A
Methyl Ethyl Ketone	A	-	A	A	-	D	A	-	A	-	-	A	D	B	A	A	D	D	D	A	D	B	A	D	A	-	D	D	A	C	D	A	A	-	D
Methyl Isobutyl Ketone[2]	B	-	-	-	-	D	A	-	-	-	-	A	D	B	C	A	D	D	D	A	D	B	-	-	C	D	D	D	A	C	D	A	A	-	D
Methyl Isopropyl Ketone	A	-	-	-	-	D	A	-	-	-	-	A	-	B	B	-	-	D	D	A	D	B	-	-	-	-	-	D	-	B	C	-	-	-	D
Methyl Methacrylate	B	-	-	-	-	D	A	-	-	-	-	A	-	A	D	-	-	D	-	-	D	A	-	-	-	-	-	D	-	-	C	-	-	-	D
Methylamine	A	-	A	C	-	B	A	B	D	B	-	A	-	A	-	-	-	-	B	-	C	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	B	-	A	B	C	D	A	B	A	-	-	A	-	A	D	A	D	D	D	D	B	A	D	D	D	D	D	D	-	-	-	A	A	-	D
Milk	A	A	A	C	C	A	A	D	C	D	A	A	B	A	A	-	-	A	A	A	A	A	-	B	A	A	A	A	-	B	A	-	-	-	A
Molasses	A	A	A	B	B	A	A	A	A	A	A	A	-	A	-	-	-	A	B	A	A	A	-	B	A	-	A	-	-	-	-	-	-	-	A
Mustard	A	A	B	A	-	B	A	B	B	C	-	A	B	A	-	-	-	C	B	A	A	B	-	-	A	A	A	-	-	C	-	-	-	-	A
Naptha	A	A	A	A	-	B	A	B	B	B	-	A	C	A	D	A	A	D	D	A	A	A	-	D	A	-	A	D	A	D	D	A	A	C	A
Napthalene	A	-	B	B	-	D	A	A	C	B	-	A	-	A	D	A	A	D	D	-	A	A	-	D	B	-	D	D	A	-	D	A	A	-	B
Nickel Chloride	C	-	D	D	-	A	A	-	D	D	-	A	-	A	A	A	A	A	A	A	A	B	-	B	A	-	A	A	-	-	A	A	A	B	A
Nickel Sulfate	B	-	D	D	C	A	A	D	C	D	-	A	-	A	A	B	A	A	A	A	A	B	-	B	A	-	A	C	-	-	A	A	A	A	A
Nitric Acid (10% Solution)	A	A	D	D	-	D	C	D	D	D	D	B	C	A	B	A	A	D	A	D	A	D	-	B	A	-	A	D	D	-	-	A	A	B	A
Nitric Acid (20% Solution)	A	A	D	D	-	D	D	-	D	D	D	C	D	B	D	A	B	D	A	D	A	D	-	B	A	A	A	D	C	-	D	A	A	B	A
Nitric Acid (50% Solution)	A	A	D	D	-	D	D	-	D	D	-	A	D	D	D	A	B	D	A	D	A	D	-	C	D	-	A	D	C	-	D	A	A	B	A
Nitric Acid (Concentrated Solution)	A	A	B	D	D	D	D	-	D	D	C	A	D	D	D	B	-	D	D	D	A	D	-	D	D	D	D	D	C	-	D	A	A	C	B
Nitrobenzene[2]	B	-	C	D	-	D	A	B	D	B	-	A	D	B	D	B	D	D	D	C	A	B	-	D	C	D	D	D	B	D	D	A	A	D	D
Oils																																			
Aniline	A	-	C	-	-	D	A	-	A	A	-	A	D	A	B	D	-	D	D	C	C	D	-	-	A	-	D	D	-	-	D	A	A	-	A
Anise	A	-	-	-	-	-	A	-	-	-	-	A	-	A	-	-	-	D	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Bay	A	-	-	-	-	-	A	-	-	-	-	A	-	A	-	-	-	D	-	-	A	A	-	-	-	-	-	-	-	-	-	-	-	-	A
Bone	A	-	-	-	-	A	A	-	A	-	-	A	-	A	-	-	-	D	-	-	A	A	-	-	-	-	-	-	-	-	-	-	-	-	A
Castor	A	-	A	-	-	A	A	-	A	A	A	A	-	A	B	-	-	A	-	-	A	A	-	-	-	-	A	A	-	-	A	-	-	-	A
Cinnamon	A	-	-	-	-	-	A	-	-	-	-	A	-	A	-	-	-	D	-	-	-	A	-	-	A	-	-	-	-	-	-	A	-	-	D
Citric	A	-	-	-	-	A	A	-	D	D	-	A	-	A	-	-	-	D	-	A	A	A	-	-	A	-	-	-	-	-	-	-	-	-	A
Clove	A	-	-	-	-	A	A	-	-	-	-	A	-	A	-	-	-	-	-	A	-	A	-	-	B	-	-	-	-	-	-	-	-	-	-
Coconut	A	-	B	-	-	A	A	-	A	A	-	A	-	A	A	-	-	A	-	A	A	A	-	-	A	-	-	D	-	-	A	-	-	-	A
Cod Liver	A	-	B	-	-	A	A	-	-	-	-	A	C	A	A	-	-	B	-	A	A	A	-	-	A	-	-	D	-	-	B	-	-	-	A
Corn	A	A	B	-	-	A	A	-	B	A	-	A	C	A	C	-	-	D	-	A	A	A	-	-	A	-	-	D	-	-	A	-	-	-	A
Cotton Seed	A	A	B	-	-	A	A	C	B	A	-	A	C	A	C	-	-	D	-	A	A	A	-	-	A	-	A	D	A	-	A	A	-	-	A
Cresote[2]	B	-	A	-	-	A	A	-	-	-	-	A	-	A	D	-	-	B	-	-	A	D	-	-	D	-	-	D	-	-	D	-	-	-	A
Diesel Fuel (2D, 3D, 4D, 5D)	A	-	A	-	-	A	A	-	A	-	-	A	-	A	D	-	-	D	D	A	-	A	-	-	A	-	-	D	A	-	D	-	-	-	A
Fuel (1,2,3,5A, 5B, 6)	A	-	A	-	-	B	A	-	A	-	-	A	-	A	D	A	-	D	D	-	A	A	-	-	B	-	A	D	-	-	C	A	A	-	A
Ginger	D	-	-	-	-	A	A	-	-	-	-	A	-	A	-	-	-	A	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	A
Hydraulic	A	-	-	-	-	A	A	-	-	-	-	A	-	A	-	-	-	A	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	A
Lemon	A	-	-	-	-	-	A	-	-	-	-	A	-	A	-	-	-	D	-	-	A	A	-	-	D	-	-	-	-	-	-	-	-	-	A
Linseed	A	A	A	-	-	A	A	-	A	A	A	A	C	A	D	-	-	D	-	A	A	A	-	-	A	-	A	D	-	-	A	-	-	B	A
Mineral	A	A	A	-	-	A	A	B	A	A	A	A	-	A	D	-	-	B	B	A	A	A	-	-	B	-	A	D	A	-	C	-	-	-	A
Olive	A	-	A	-	-	A	A	B	B	A	-	A	-	A	-	-	-	B	-	A	A	A	-	-	A	A	A	D	-	C	D	A	-	-	A
Orange	A	-	-	-	-	A	A	-	-	-	-	A	-	A	-	-	-	D	-	A	A	A	-	-	A	-	-	-	-	-	D	A	-	-	A
Palm	A	-	A	-	-	A	A	-	B	-	-	A	-	A	-	-	-	D	-	A	A	A	-	-	-	-	A	-	-	-	-	-	-	-	A
Peanut[3]	A	-	A	-	-	A	A	-	A	A	-	A	-	A	-	-	-	D	-	-	A	A	-	-	D	A	A	D	-	-	A	-	-	-	A

Peppermint₂	A	-	-	-	-	D	A	-	A	-	-	A	-	A	-	-	-	D	-	-	A	A	-	-	D	-	-	-	-	-	-	-	-	-	-	A
Pine	A	-	A	-	-	A	A	B	D	C	-	A	-	A	-	-	-	D	-	-	A	A	-	-	-	-	A	D	-	-	D	-	-	-	-	A
Rapeseed	A	-	-	-	-	B	A	-	A	-	-	A	-	A	-	-	-	D	-	-	A	A	-	-	-	-	A	D	-	-	D	-	-	-	-	A
Rosin	A	-	A	-	-	A	A	-	-	-	-	A	-	A	-	-	-	-	-	A	A	A	-	-	A	-	-	-	-	-	-	-	-	-	-	A
Sesame Seed	A	-	A	-	-	A	A	-	A	A	-	A	-	A	-	-	-	D	-	-	A	A	-	-	-	-	A	-	-	-	-	-	-	-	-	A
Silicone	A	-	-	A	-	A	A	-	A	A	A	A	-	A	-	-	-	A	A	A	A	A	-	-	A	-	-	A	-	-	C	-	-	-	-	A
Soybean	A	-	A	-	-	A	A	-	B	A	-	A	-	A	-	-	-	D	-	A	A	A	-	-	A	-	A	D	-	-	A	-	-	-	-	A
Sperm (Whale)	A	-	-	-	-	A	A	-	A	-	-	A	-	A	-	-	-	D	-	-	-	A	-	-	-	-	A	-	-	-	-	-	-	-	-	A
Tanning	A	-	-	-	-	A	A	-	-	-	-	A	-	A	-	-	-	D	-	-	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	A
Turbine	A	-	A	-	-	A	A	-	A	A	-	A	C	A	-	-	-	D	-	-	A	A	-	-	-	-	A	D	-	-	D	-	-	-	-	A
Oleic Acid	A	B	B	D	C	B	A	C	B	C	-	A	B	A	D	B	-	D	C	A	A	B	-	D	C	A	A	D	-	D	D	A	-	C	D	
Oleum 25%	B	-	-	-	-	D	-	-	-	-	-	A	-	D	D	A	B	D	D	-	B	-	-	-	-	-	D	-	-	D	D	A	-	-	A	
Oleum	A	-	B	C	C	C	-	B	C	-	-	A	-	A	D	-	D	D	-	-	B	D	-	-	D	-	D	D	-	D	-	A	-	-	A	
Oxalic Acid (Cold)	A	A	C	C	C	B	A	D	B	D	-	A	-	A	A	B	-	B	C	D	A	C	-	A	A	-	A	C	-	C	B	A	C	B	A	
Paraffin	A	A	A	A	-	A	A	B	A	B	-	A	B	A	-	-	A	-	B	A	A	A	-	-	A	-	A	-	-	-	-	A	-	-	A	
Pentane	C	-	A	A	-	A	A	B	A	B	-	A	D	A	D	B	-	B	D	A	A	A	-	-	-	-	-	D	-	-	D	A	-	-	A	
Perchloroethylene₂	A	-	A	C	-	C	A	B	C	B	-	A	D	A	D	-	A	D	D	-	A	A	B	-	D	-	-	D	A	D	D	A	-	-	A	
Petrolatum	A	-	B	B	-	A	A	C	B	C	-	A	B	A	A	-	-	B	D	A	A	A	A	-	-	-	-	D	-	-	D	A	-	-	A	
Phenol 10%	B	-	A	D	-	D	-	D	C	B	-	-	-	C	D	B	-	C	-	D	A	-	-	-	-	-	A	C	A	-	D	A	-	C	B	
Phenol (Carbolic Acid)	B	A	B	-	D	D	A	D	B	D	A	D	-	B	D	A	A	D	C	D	A	D	-	D	B	D	A	D	A	-	-	A	C	C	A	
Phosphoric Acid (to 40% Solution)	C	A	D	-	D	D	B	-	D	D	D	C	C	A	B	A	-	D	A	D	-	D	-	B	A	A	A	C	A	-	C	A	A	B	A	
Phsophoric Acid (40-100% Solution)	D	B	D	D	D	D	B	-	D	D	D	D	D	C	B	A	-	D	A	D	A	D	A	C	A	A	A	C	A	-	D	A	B	B	A	
Phosphoric Acid (Crude)	B	C	D	-	D	D	C	D	D	D	-	D	D	A	B	A	A	D	-	D	A	D	-	C	-	-	-	-	A	-	D	A	C	-	A	
Phosphoric Anhydride (Dry or Moist)	-	-	-	-	D	D	A	-	-	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	D	A	-	-	-	A	-	D	D	
Phosphoric Anhydride (Molten)	-	-	D	-	D	C	-	-	D	-	-	-	-	A	-	-	-	D	-	A	-	-	-	D	-	-	D	D	-	-	-	A	-	-	D	
Photographic (Developer)	A	C	C	-	-	A	A	-	-	D	-	A	-	A	-	A	-	A	A	-	A	C	-	B	A	-	A	-	-	-	B	-	A	-	A	
Phthalic Anhydride	A	-	B	B	-	C	-	C	B	C	-	-	-	-	-	A	-	-	-	A	A	-	-	-	-	-	-	-	-	-	-	A	-	-	A	
Picric Acid	B	-	C	D	D	A	-	D	D	D	-	-	-	A	-	A	-	A	-	A	A	-	-	A	-	-	A	A	-	D	D	A	-	A	A	
Plating Solutions																																				
Antimony Plating 130°F	A	-	-	-	-	A	-	-	-	-	-	A	-	B	-	A	-	A	A	D	-	-	-	-	A	-	A	-	-	D	-	A	A	-	A	
Arsenic Plating 110°F	A	-	-	-	-	A	-	-	-	-	-	C	-	B	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	D	-	A	A	-	A	
Brass Plating		-	-	-	-	A	-	-	-	-	-	C	-	B	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	D	-	A	A	-	A	
Regular Brass Bath 100°F	A	-	-	-	-	A	-	-	-	-	-	C	-	B	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	D	-	A	A	-	A	
High Speed Brass Bath 110°F	A	-	-	-	-	A	-	-	-	-	-	D	-	B	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	D	-	A	A	-	A	
Bronze Plating																																				
Copper-Cadmium Bronze Bath R.T.	A	-	-	-	-	A	-	-	-	-	-	C	-	B	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	D	-	A	A	-	A	
Copper-Tin Bronze Bath 160°F	A	-	-	-	-	A	-	-	-	-	-	D	-	C	-	A	-	B	A	A	-	-	-	-	A	-	D	-	-	D	-	A	A	-	A	
Copper-Zinc Bronze Bath 100°F	A	-	-	-	-	A	-	-	-	-	-	C	-	B	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	
Cadmium Plating																																				
Cyanide Bath 90°F	A	-	-	-	-	A	-	-	-	-	-	C	-	B	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	
Fluoborate Bath 100°F	A	-	-	-	-	B	-	-	-	-	-	D	-	B	-	A	-	C	A	D	-	-	-	-	A	-	A	-	-	-	-	A	D	-	A	
Chromium Plating																																				
Chromic-Sulfuric Bath 130°F	C	-	-	-	-	D	-	-	-	-	-	A	-	D	-	A	-	D	D	D	-	-	-	-	A	-	A	-	-	-	-	A	A	-	C	
Fluosilicate Bath 95°F	C	-	-	-	-	D	-	-	-	-	-	B	-	D	-	A	-	D	D	D	-	-	-	-	A	-	A	D	-	-	-	A	C	-	C	
Fluoride Bath 130°F	-	-	-	-	-	D	-	-	-	-	-	B	-	D	-	A	-	D	D	D	-	-	-	-	A	-	A	-	-	-	-	A	C	-	C	
Black Chrome Bath 115°F	C	-	-	-	-	D	-	-	-	-	-	A	-	D	-	A	-	D	D	D	-	-	-	-	A	-	A	-	-	-	-	A	A	-	C	
Barrel Chrome Bath 95°F	D	-	-	-	-	D	-	-	-	-	-	A	-	D	-	A	-	D	D	D	-	-	-	-	A	-	A	-	-	-	-	A	C	-	C	
Copper Plating (Cyanide)																																				
Copper Strike Bath 120°F	A	-	A	-	-	-	C	-	-	-	B	-	-		A	A	-	A	A	-	-	-	-	-	-	-	-	A	-	A	-	A	A	-	-	
Rochelle Salt Bath 150°F	A	-	-	-	-	A	-	-	-	-	-	D	-	C	-	A	-	B	A	A	-	-	-	-	A	-	D	-	-	-	-	A	A	-	A	
High Speed Bath 180°F	A	-	-	-	-	A	-	-	-	-	-	D	-	C	-	A	-	B	A	A	-	-	-	-	A	-	D	-	-	-	-	A	A	-	A	
Copper Plating (Acid)																																				
Copper Sulfate Bath R.T.	D	-	-	-	-	A	-	-	-	-	-	D	-	D	-	A	-	A	A	D	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	
Copper Fluoborate Bath 120°F	D	-	-	-	-	B	-	-	-	-	-	D	-	D	-	A	-	C	A	D	-	-	-	-	A	-	A	-	-	-	-	A	D	-	A	
Copper (Misc)																																				
Copper Pyrophosphate 140°F	A	-	-	-	-	A	-	-	-	-	-	B	-	B	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	
Copper (Electroless) 140°F	-	-	-	-	-	D	-	-	D	-	-	D	-	B	-	-	-	D	A	A	-	-	-	-	A	-	A	-	-	-	-	A	-	-	A	
Gold Plating																																				
Cyanide 150°F	A	-	-	-	-	A	-	-	C	-	-	B	-	D	-	A	-	A	A	A	-	-	-	-	A	-	D	-	-	-	-	A	A	-	A	
Neutral 75°F	C	-	-	-	-	A	-	-	-	-	-	A	-	A	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	
Acid 75°F	C	-	-	-	-	A	-	-	-	-	-	A	-	A	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	
Indium Sulfamate Plating R.T.	C	-	-	-	-	A	-	-	-	-	-	A	-	A	-	A	-	A	A	D	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	
Iron Plating																																				
Ferrous Chloride Bath 190°F	D	-	-	-	-	B	-	-	-	-	-	A	-	D	-	D	-	D	A	D	-	-	-	-	C	-	D	-	-	-	-	A	A	-	A	
Ferrous Sulfate Bath 150°F	C	-	-	-	-	A	-	-	-	-	-	A	-	D	-	A	-	B	A	D	-	-	-	-	A	-	D	-	-	-	-	A	A	-	A	
Ferrous Am. Sulfate Bath 150°F	C	-	-	-	-	A	-	-	-	-	-	A	-	D	-	A	-	B	A	D	-	-	-	-	A	-	D	-	-	-	-	A	A	-	A	
Sulfate-Chloride Bath 160°F	D	-	-	-	-	B	-	-	-	-	-	A	-	D	-	D	-	C	A	D	-	-	-	-	A	-	D	-	-	-	-	A	A	-	A	
Fluoborate Bath 145°F	D	-	-	-	-	B	-	-	-	-	-	D	-	D	-	B	-	C	A	D	-	-	-	-	A	-	D	-	-	-	-	A	D	-	A	
Sulfamate 140°F	D	-	-	-	-	A	-	-	-	-	-	A	-	A	-	B	-	A	A	D	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	
Lead Fluoborate Plating	C	-	-	-	-	B	-	-	-	-	-	D	-	A	-	A	-	C	A	D	-	-	-	-	A	-	A	-	-	-	-	A	D	-	A	
Nickel Plating																																				
Watts Type 115-160°F	C	-	-	-	-	A	-	-	-	-	-	A	-	D	-	A	-	A	A	A	-	-	-	-	A	-	D	-	-	-	-	A	A	-	A	
High Chloride 130-160°F	C	-	-	-	-	A	-	-	-	-	-	A	-	D	-	A	-	B	A	D	-	-	-	-	A	-	D	-	-	-	-	A	A	-	A	
Fluoborate 100-170°F	C	-	-	-	-	B	-	-	D	-	-	D	-	D	-	A	-	C	A	D	-	-	-	-	A	-	D	-	-	-	-	A	D	-	A	
Sulfamate 100-140°F	C	-	-	-	-	A	-	-	-	-	-	A	-	A	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	
Electroless 200°F	-	-	-	-	-	D	-	-	-	-	-	A	-	B	-	-	-	D	D	D	-	-	-	-	D	-	D	-	-	-	-	A	-	-	A	
Rhodium Plating 120°F	D	-	-	-	-	A	-	-	-	-	-	A	-	A	-	D	-	B	A	D	-	D	-	-	A	-	A	-	-	-	-	A	D	-	A	

Silver Plating 80-120°F	A	-	-	-	-	A	-	-	-	-	-	B	-	A	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A
Tin-Fluoborate Plating 100°F	C	-	-	-	-	B	-	-	-	-	-	D	-	A	-	A	-	C	A	D	-	-	-	-	A	-	A	-	-	-	-	A	D	-	A
Tin-Lead Plating 100°F	C	-	-	-	-	B	-	-	-	-	-	D	-	A	-	A	-	C	A	D	-	-	-	-	A	-	A	-	-	-	-	A	D	-	A
Zinc Plating																																				
Acid Chloride 140°F	D	-	-	-	-	A	-	-	-	-	-	A	-	A	-	D	-	A	A	D	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A
Acid Sulfate Bath 150°F	C	-	-	-	-	A	-	-	-	-	-	A	-	D	-	A	-	B	A	D	-	-	-	-	A	-	D	-	-	-	-	A	A	-	A
Acid Fluoborate Bath R.T.	C	C	-	-	-	B	-	-	-	-	-	D	-	A	-	-	-	C	A	D	-	-	-	-	A	-	A	-	-	-	-	A	D	-	A
Alkaline Cyanide Bath R.T.	A	A	-	-	-	A	-	-	-	-	-	D	-	A	-	A	-	A	A	A	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A
Potash	B	A	C	-	-	A	A	-	C	B	A	A	-	A	-	A	-	B	A	A	A	B	-	B	A	-	A	B	-	-	-	-	-	B	A
Potassium Bicarbonate	B	B	C	-	-	A	A	-	B	D	-	A	C	A	-	B	A	A	A	A	A	C	-	B	A	-	A	B	A	-	A	A	A	-	A
Potassium Bromide	B	B	C	C	-	A	A	D	C	D	-	A	-	A	A	B	A	A	A	C	A	A	-	B	A	-	A	B	C	-	A	A	A	-	A
Potassium Carbonate	-	A	C	B	-	B	A	B	C	B	A	A	-	A	-	A	A	A	A	A	-	B	-	B	A	-	A	B	A	-	-	A	A	B	A
Potassium Chlorate	B	A	B	B	-	A	A	B	B	B	-	A	-	A	-	B	A	A	A	D	A	B	-	B	A	-	A	B	A	-	B	A	A	B	A
Potassium Chloride	A	B	B	C	C	A	A	B	C	B	-	A	C	A	A	A	A	A	A	B	A	A	-	B	A	-	A	A	A	-	A	A	A	A	A
Potassium Chromate	-	B	A	B	-	A	A	-	A	A	-	D	-	C	-	B	-	A	A	-	A	C	-	B	-	-	A	B	A	-	-	-	-	-	A
Potassium Cyanide Solutions	B	A	D	D	-	A	C	B	D	B	-	A	-	A	A	A	A	A	A	A	A	C		B	A	-	A	A	A	-	A	A	A	-	B
Potassium Dichromate	B	A	A	D	-	A	A	C	C	B	-	A	-	A	A	B	A	A	A	D	A	C	A	B	A	-	A	A	A	-	A	A	A	-	B
Potassium Ferrocyanide	B	A	C	C	-	D	-	C	A	-	-	-	-	A	-	B	-	-	-	A	A	-	-	A	-	-	A	A	-	-	-	A	-	-	-
Potassium Hydroxide -50%	A	B	D	D	D	B	-	A	D	C	A	D	C	A	A	A	D	A	A	A	B	D	-	B	A	-	A	C	A	C	-	A	C	B	D
Potassium Nitrate	B	A	B	B	-	A	A	B	B	-	-	A	-	A	A	B	A	A	A	C	A	B	-	B	A	-	A	A	C	-	A	A	A	C	B
Potassium Permanganate	B	B	B	B	-	A	A	B	B	B	-	A	C	B	-	B	A	A	A	D	A	C	A	B	B	-	A	B	A	-	-	A	B	-	B
Potassium Sulfate	A	B	A	C	B	A	A	B	B	B	-	A	-	A	A	A	A	A	A	C	A	B	-	B	A	C	A	C	A	C	A	A	A	A	A
Potassium Sulfide	B	A	B	-	-	A	-	B	B	B	-	-	-	-	-	B	-	-	-	-	A	-	-	-	-	-	A	-	-	-	A	A	-	-	-
Propane (Liquified)1 2	A	A	A	-	A	A	A	B	A	-	-	A	-	A	D	-	-	B	D	A	A	A	-	-	D	-	D	D	-	D	D	A	-	-	A
Propylene Glycol	B	A	A	B	-	A	A	B	B	B	-	A	B	A	-	-	-	C	-	B	A	B	-	B	-	-	-	-	-	-	A	A	-	-	A
Pyridine	A	B	B	B	-	D	A	A	-	B	-	A	-	A	B	-	D	D	D	-	D	D	A	C	B	D	-	D	A	-	D	A	-	D	D
Pyrogallic Acid	B	A	B	B	-	A	A	B	B	B	-	A	-	A	-	A	-	-	-	A	A	D	-	-	-	-	A	-	-	-	-	A	-	-	A
Rosins A	A	A	A	A	C	A	A	C	A	-	-	A	-	A	-	B	-	-	-	A	A	B	-	-	A	-	-	-	-	-	A	A	-	-	-
Rum	A	A	-	-	-	A	A	-	-	-	-	A	-	A	-	-	-	A	A	A	A	A	-	-	A	-	A	-	-	-	A	-	-	-	A
Rust Inhibitors	A	A	-	-	-	A	A	-	A	A	-	A	-	A	-	-	-	C	-	-	A	A	-	-	A	-	-	-	-	-	-	-	-	-	A
Salad Dressing	A	A	B	B	-	A	A	-	B	D	-	A	-	A	-	-	-	-	A	A	-	A	-	-	A	-	A	-	-	-	-	-	-	-	A
Sea Water	C	A	C	B	-	A	A	D	C	-	A	A	-	A	A	-	-	B	A	A	A	A	-	B	A	-	A	A	-	B	A	A	A	-	A
Shellac (Bleached)	A	A	A	D	B	A	-	A	A	B	-	A	-	A	-	-	-	-	-	A	A	A	-	-	A	-	-	-	-	-	-	A	-	-	-
Shellac (Orange)	A	A	A	-	C	A	-	A	A	C	-	A	-	A	-	-	-	-	-	A	A	A	-	-	A	-	-	-	-	-	-	A	-	-	-
Silicone	A	A	B	D	-	A	A	-	A	-	-	A	-	A	A	-	-	A	A	A	A	A	-	-	A	-	-	A	-	B	C	-	-	-	A
Silver Bromide	D	B	D	-	-	-	A	-	-	-	-	-	-	A	-	-	-	-	A	-	-	C	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver Nitrate	B	A	D	B	-	C	A	D	D	D	-	A	-	A	C	A	A	A	A	A	A	C	-	B	A	-	A	A	-	-	A	A	A	B	A
Soap Solutions	A	A	C	-	B	B	A	-	B	A	A	A	B	A	C	B	B	-	A	-	A	A	A	A	A	-	B	A	A	B	A	A	A	A	A
Soda Ash (See Sodium Carbonate)																																				
Sodium Acetate	B	B	B	B	-	D	A	C	B	C	-	A	-	A	-	A	A	C	A	A	D	B	-	B	A	-	A	A	-	-	D	A	A	-	D
Sodium Aluminate	A	A	C	-	-	A	A	C	B	-	-	A	-	A	A	B	-	A	A	A	A	B	-	-	-	-	-	B	A	-	-	A	B	-	A
Sodium Bicarbonate	A	A	A	B	A	A	A	C	B	C	A	A	B	A	A	-	A	A	A	A	A	B	-	B	A	A	A	A	A	C	A	A	A	B	A
Sodium Bisulfate	C	A	D	B	C	A	A	D	C	D	-	A	C	A	-	B	A	A	A	C	A	B	-	B	A	-	A	A	A	C	A	A	B	B	B
Sodium Bisulfite	B	A	A	B	-	A	A	-	C	D	-	A	B	A	-	B	A	A	A	D	A	B	D	B	A	-	A	A	A	C	-	A	A	B	A
Sodium Borate (Borax)	B	A	C	B	-	-	-	C	A	C	-	-	-	-	-	A	-	A	-	A	A	-	-	A	-	-	C	-	-	B	A	A	-	-	A
Sodium Carbonate	A	B	C	B	B	A	B	B	B	B	-	A	C	A	A	A	A	A	A	A	A	A	A	B	A	-	A	A	A	-	A	A	A	B	A
Sodium Chlorate	B	A	B	B	-	D	A	C	B	-	-	A	-	A	-	B	A	A	A	A	A	D	-	B	A	-	A	A	A	-	C	A	A	B	A
Sodium Chloride	B	B	C	C	C	A	A	C	B	B	A	A	B	A	A	A	A	A	A	A	A	A	A	B	A	A	A	B	A	C	A	A	A	B	A
Sodium Chromate	B	-	D	C	-	A	A	B	B	B	-	B	-	C	-	B	-	A	A	A	A	D	-	-	A	-	-	-	A	-	-	A	-	-	B
Sodium Cyanide	B	A	D	D	D	A	A	B	D	B	-	A	-	A	A	-	A	A	A	C	A	D	-	B	A	-	A	A	A	D	A	A	A	-	A
Sodium Fluoride	D	C	C	C	-	D	-	D	C	D	-	-	-	A	-	A	-	D	-	A	A	-	-	C	-	-	D	D	-	-	-	A	A	D	B
Sodium Hydrosulfite	-	-	A	-	-	-	-	-	C	-	-	A	-	-	-	A	-	A	-	A	A	-	-	-	-	-	C	A	-	-	C	A	-	A	A
Sodium Hydroxide (20%)	B	A	D	C	D	A	C	-	C	A	A	D	C	A	A	A	A	B	A	C	D	D	-	B	A	-	A	A	A	D	A	A	A	B	A
Sodium Hydroxide (50% Solution)	B	-	D	D	D	D	C	-	C	B	A	D	C	A	-	A	D	C	A	C	D	D	-	C	A	A	A	A	B	D	A	A	A	B	D
Sodium Hydroxide (80% Solution)	B	-	D	-	D	D	C	-	C	C	A	D	C	A	-	B	-	C	A	C	D	D	-	C	A	-	A	B	B	D	A	A	A	B	B
Sodium Hypochlorite (to 20%)	C	C	C	-	D	C	D	-	D	D	B	A	-	B	B	A	-	D	A	A	A	D	-	B	D	-	A	C	C	D	B	A	A	B	A
Sodium Hypochlorite	D	-	D	D	-	B	-	D	D	D	-	D	-	A	-	A	A	A	A	A	A	-	-	-	A	-	A	-	C	C	B	A	A	-	B
Sodium Hyposulfate	A	-	D	-	-	-	-	-	D	-	-	-	-	C	-	-	-	C	-	-	-	-	-	-	-	-	-	C	-	-	-	A	-	-	-
Sodium Metaphosphate[2]	A	-	A	D	C	A	A	B	C	B	-	A	-	A	A	-	-	B	-	A	A	B	-	-	D	-	-	A	-	-	A	A	-	-	A
Sodium Metasilicate	A	-	B	B	-	A	A	C	B	C	-	-	-	A	-	-	-	A	-	-	A	D	-	-	-	-	-	-	-	D	-	A	-	-	A
Sodium Nitrate	B	A	A	B	C	C	A	B	B	A	A	A	-	A	A	B	A	B	A	A	A	B	A	B	A	-	A	C	-	D	D	A	A	B	D
Sodium Perborate	B	-	B	D	C	B	A	B	C	B	-	A	-	A	A	-	-	B	A	A	A	B	-	-	A	-	-	C	-	D	B	A	-	-	A
Sodium Peroxide	A	-	C	C	C	C	A	C	C	D	-	A	-	A	A	B	-	B	-	D	A	D	-	-	-	-	A	C	-	D	D	A	-	-	A
Sodium Polyphosphate (Mono, Di, Tribasic)	B	-	D	C	-	A	A	-	C	-	-	A	-	A	A	A	-	D	A	-	A	B	-	-	-	-	-	A	-	-	-	A	A	-	A
Sodium Silicate	B	A	C	C	C	A	A	B	C	-	-	A	-	A	A	B	-	A	A	A	A	C	-	-	A	-	A	A	-	-	A	A	A	B	A
Sodium Sulfate	B	C	B	B	B	A	A	B	B	A	-	A	-	A	A	B	-	A	A	A	A	B	-	B	A	-	A	C	A	-	A	A	A	-	A
Sodium Sulfide	D	-	D	D	D	C	A	B	D	A	-	A	-	A	A	B	-	A	A	A	A	B	-	B	A	-	A	C	A	-	A	A	A	B	A
Sodium Tetraborate	A	-	-	D	-	A	A	-	-	-	-	A	-	A	-	-	-	-	A	-	A	B	-	-	-	-	A	-	-	-	A	-	-	-	A
Sodium Thiosulphate ("Hypo")	B	-	B	D	D	B	A	B	D	C	-	A	-	A	A	-	-	A	A	A	-	C	A	-	A	-	A	C	A	-	A	A	A	-	A
Sorghum	A	-	-	-	-	A	A	-	-	A	-	A	-	A	-	-	-	A	-	A	A	A	-	-	-	-	-	-	-	-	-	-	-	-	A
Soy Sauce	A	-	A	-	-	A	A	-	A	D	-	A	-	A	-	-	-	A	A	A	A	A	-	-	-	-	-	D	-	-	-	-	-	-	A
Stannic Chloride	D	-	D	-	-	A	-	D	D	D	-	A	-	A	A	B	A	A	A	A	A	C	-	B	A	-	A	A	-	D	B	A	A	-	A
Stannic Fluoborate	A	-	-	-	-	A	-	-	-	D	-	A	-	A	-	-	-	A	A	-	A	C	-	-	-	-	-	-	-	-	-	-	-	-	A
Stannous Chloride	A	-	D	-	-	C	-	D	D	D	-	-	-	A	-	A	-	D	-	D	A	-	-	A	-	-	A	A	-	D	B	A	A	A	B
Starch	A	-	A	-	-	A	A	C	B	C	-	A	-	A	-	-	-	A	A	A	A	A	-	B	-	-	A	-	-	-	-	A	-	-	A
Stearic Acid[2]	A	A	B	-	C	B	A	C	C	C	A	A	-	A	B	A	A	B	A	A	A	A	-	B	D	-	A	C	-	D	B	A	A	B	A
Stoddard Solvent	A	A	A	-	A	B	A	B	A	B	-	A	B	A	D	A	A	D	D	A	A	A	-	D	D	A	A	D	A	D	D	A	A	D	A

Styrene	A	-	A	-	-	D	A	A	A	-	-	A	-	A	D	-	-	D	A	-	B	A	-	-	-	-	-	D	-	D	D	A	-	-	B
Sugar (Liquids)	A	A	A	-	-	A	A	B	A	B	A	A	B	A	-	A	-	B	A	A	A	A	-	-	A	-	-	A	-	-	A	A	-	-	A
Sulfate Liquors	B	-	B	C	-	-	A	-	C	-	-	A	-	A	-	A	-	C	-	-	A	D	-	-	A	-	-	-	-	-	B	-	-	-	-
Sulfur Chloride	D	D	D	D	D	D	A	-	C	-	-	C	-	C	D	-	-	D	A	A	A	D	-	A	D	-	A	D	-	-	C	A	-	C	A
Sulfur Dioxide$_2$	A	C	A	B	-	D	A	-	B	-	-	A	D	A	A	B	B	B	D	D	A	B	A	C	D	-	D	D	A	C	B	A	A	B	D
Sulfur Dioxide (dry)	A	-	A	B	C	-	A	B	A	A	-	A	-	D	-	A	-	D	-	A	A	-	-	D	-	-	D	D	-	-	B	A	-	-	D
Sulfur Trioxide (dry)	A	-	A	D	-	D	B	B	B	B	-	A	-	A	B	-	-	D	D	D	A	D	-	-	-	-	A	C	-	-	B	A	-	B	A
Sulfuric Acid (to 10%)	B	C	C	D	D	C	A	-	D	D	-	A	B	A	D	A	A	D	A	D	A	D	A	B	A	-	A	C	A	-	C	A	A	B	A
Sulfuric Acid 10%-75%$_2$	D	D	D	D	D	D	A	-	D	D	C	D	B	B	D	B	A	D	B	D	A	D	-	C	A	A	A	D	B	-	D	A	C	B	A
Sulfuric Acid 75%-100%	D	-	-	D	D	D	-	-	-	-	-	A	-	D	-	B	A	D	A	D	A	-	D	-	B	-	B	-	C	-	D	A	D	-	A
Sulfurous Acid	B	C	C	D	-	C	B	D	D	D	-	A	-	A	B	B	-	B	A	D	A	D	-	B	A	-	A	C	-	D	D	A	A	B	A
Sulfuryl Chloride	-	-	-	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	A	-	-	-
Syrup	-	A	A	-	-	A	A	-	D	-	A	A	B	A	-	-	-	B	A	A		A	-	-	A	-	A	A	-	-	-	-	-	-	A
Tallow	A	-	A	-	-	A	A	-	-	-	-	A	-	A	-	-	-	-	A	A	A	A	-	C	-	-	-	-	-	-	-	-	-	-	A
Tannic Acid	A	A	C	B	-	D	A	C	B	C	A	A	-	A	A	B	A	A	A	D	B	B	-	B	A	-	A	A	-	C	B	A	A	B	A
Tanning Liquors	A	-	C	A	-	C	A	-	A	-	-	A	-	A	-	A	-	-	-	-	A	B	-	-	A	-	A	-	-	-	B	A	A	B	A
Tartaric Acid	C	B	C	D	C	D	A	D	A	D	-	A	-	A	-	B	A	A	A	A	A	B	-	B	A	-	A	A	-	C	A	A	A	B	A
Tetrachlorethane	A	-	-	-	-	D	A	-	-	-	-	A	-	A	D	A	-	-	D	A	A	A	-	-	A	D	D	D	-	-	D	A	A	-	A
Tetrahydrofuran	A	-	D	-	-	D	A	A	D	D	-	A	-	A	B	-	D	D	D	A	D	A	D	D	C	D	D	D	A	-	D	A	-	-	D
Toluene, Toluol$_3$	A	-	A	A	A	D	A	A	A	A	A	A	D	A	D	A	A	D	D	A	A	A	C	D	D	D	D	D	A	D	-	A	A	D	C
Tomato Juice	A	-	A	C	-	A	A	C	C	C	-	A	B	A	-	-	-	A	A	A	A	B	-	-	A	A	-	-	A	-	-	A	-	-	A
Trichloroethane	B	-	C	-	-	D	A	-	C	C	-	A	-	A	D	A	-	D	D	-	A	A	-	-	-	-	-	D	-	D	D	A	A	-	A
Trichlorethylene$_2$	B	-	B	A	A	D	A	B	B	C	C	A	D	A	D	A	A	D	D	C	D	A	D	D	D	-	D	D	C	D	-	A	A	-	A
Trichloropropane	A	-	-	-	-	A	A	-	A	-	-	A	D	A	-	-	-	A	D	-	A	A	-	-	-	-	-	-	-	-	-	-	-	-	A
Tricresylphosphate	B	-	-	-	-	D	A	-	A	-	-	A	-	A	A	A	-	D	A	-	A	C	-	-	-	-	D	-	-	-	-	A	B	-	B
Triethylamine	A	-	-	B	-	A	A	-	A	-	-	A	-	A	-	-	-	B	B	-	A	D	-	-	-	-	A	-	-	D	-	-	-	-	A
Turpentine$_3$	A	-	C	C	C	D	A	B	B	B	-	A	-	A	D	A	A	D	D	A	A	A	-	D	B	D	A	D	A	-	-	A	-	B	A
Urine	A	-	B	-	-	A	A	-	C	B	-	A	-	A	A	-	-	D	A	A	A	A	-	B	A	-	A	-	-	-	-	-	-	-	A
Vegetable Juice	A	-	A	-	-	A	A	-	C	D	-	A	-	A	-	-	-	D	A	A	A	A	-	-	-	-	-	D	-	B	-	-	-	-	A
Vinegar	A	A	D	C	B	C	C	D	B	C	B	-	B			A	A		A	A	A	B	-	B		-	A			A	D	A	A	-	A
Varnish (Use Viton for Aromatic)	A	A	A	-	B	B	A	C	A	-	A	A	-	A	-	-	-	D	D	A	A	A	-	-	A	-	-	D	-	C	B	A	-	-	A
Water, Acid, Mine	B	-	C	D	D	A	A	-	C	C	-	A	B	A	-	-	-	B	A	A	A	D	-	-	A	-	A	B	B	-	-	-	-	B	A
Water, Distilled, Lab Grade 7	A	-	B	B	-	A	A	-	A	D	A	A	A	A	A	-	-	B	A	A	A	A	-	-	A	-	A	A	A	-	B	A	-	B	A
Water, Fresh	A	-	A	B	C	A	A	D	A	B	A	A	A	A	A	-	-	B	A	A	A	A	-	D	A	-	A	A	A	-	-	A	-	B	A
Water, Salt	B	-	B	-	C	A	A	-	B	D	A	A	-	A	A	-	-	B	A	A	A	A	-	-	A	-	A	A	A	-	-	-	-	B	A
Weed Killers	A	-	C	-	-	B	A	-	C	-	-	A	-	A	-	-	-	C	-	A	-	A	-	-	-	-	-	-	-	-	A	-	-	-	A
Whey	A	-	B	-	-	A	A	-	-	-	-	A	-	A	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	A
Whiskey & Wines	A	A	D	B	B	A	A	D	B	D	-	A	-	A	A	-	-	A	A	A	A	A	-	B	A	-	A	A	-	B	-	A	-	-	A
White Liquor (Pulp Mill)	A	-	-	-	-	A	A	-	D	C	-	A	-	A	-	A	-	A	A	A	A	D	-	-	A	-	A	-	-	-	-	A	-	-	A
White Water (Paper Mill)	A	-	-	-	-	-	A	-	A	-	-	A	-	A	-	-	-	A	-	A	-	B	-	-	A	-	-	-	-	-	-	-	-	-	A
Xylene$_2$	B	-	A	A	A	D	A	B	A	A	A	A	D	A	D	A	A	D	D	A	A	A	C	D	D	D	D	D	A	D	-	A	-	-	A
Zinc Chloride	B	B	D	-	D	A	A	D	D	D	-	A	-	A	A	B	A	A	A	A	A	C	A	B	A	-	A	A	A	-	-	A	A	-	A
Zinc Hydrosulfite	A	-	D	C	-	A	A	-	D	D	-	A	-	A	A	-	-	A	A	-	-	C	-	-	-	-	-	-	A	-	-	-	-	-	-
Zinc Sulfate	A	A	D	C	C	A	A	D	B	C	-	A	-	A	A	B	A	A	A	A	A	C	-	B	A	-	C	C	A	-	-	A	A	B	A

Compatibility Key

A: Excellent

B: Good

C: Fair

D: Poor

We cannot guarantee the accuracy or completeness of this chart. This information has been compiled from various sources and is intended to be used only as a guide.

It is the full responsibility of the customer to thoroughly test the suitability of materials and chemicals for specific applications.