KIJEKA ENGINEERS PRIVATE LIMITED

	304 Stainless Steel	316 Stainless Steel	Brass	Cast Iron	Teflon	Polyethylene	Polypropylene	Ryton	Viton
Acetaldehyde	-	A	A	A	C	B			A
Acetamide	-	B	A	-	-	-			A
Acetate Solv	B	A	C	B	A	B	D	-	D
Acetic Acid Glacial	B	A	C	D	A	B	B	A	D
Acetic Acid 20%	-	A	C	-	A	-	A	A	D
Acetic Acid 80%	-	A	C	-	A	-	B	-	D
Acetic Acid	B	A	C	D	A	B	A	A	C
Acetic Anhydride	A	A	D	B	A	A	A	A	D
Acetone	A	A	A	A	A	C	B	A	D
Acetyl Chloride	C	A	-	-	A	-	-	A	-
Acetylene	A	A	-	A	-	-	D	A	A
Acrylonitrile	A	C	-	C	-	-	B	A	C
Alcohols Amyl	A	A	B	C	A	B	B	A	A
Benzyl	A	A	C	-	-	D	A	-	A
Butyl	A	A	C	C	A	B	B	A	A
Dlacetone	A	A	C	-	-	-	D	-	D
Ethyl	A	A	C	A	-	B	A	-	A
Hexyl	A	A	C	-	-	-	A	-	A
Isobutyl	A	A	C	-	-	-	-	-	A
Isopropyl	A	A	C	C	-	-	A	-	A
Methyl	A	A	C	A	A	B	A	-	C
Octyl	A	A	C	-	-	-	-	-	A
Propyl	A	A	-	-	A	-	A	-	A
Aluminium Chloride 20%	D	C	-	D	-	B	A	A	A
Aluminium Chloride	D	C	-	D	A	-	A	A	A
Aluminium Fluoride	A	A	-	D	A	-	A	-	A
Aluminium Hydroxide	A	A	-	D	A	-	A	-	A
Alum Potassium Sulfate (Alum) 10%	A	-	-	D	A	A	-	-	A
Alum Potassium Sulfate (Alum)	D	A	-	-	A	B	A	-	A
Aluminium Sulfate	C	C	C	D	A	B	A	A	A
Amines	A	A	-	A	A	-	-	-	D
Ammonia 10%	-	A	-	-	A	-	A	A	A
Ammonia, Anhydrous	B	A	-	D	A	B	A	B	D
Ammonia Liquids	A	A	-	A	A	D	A	-	D
Ammonia Nitrate	A	A	-	-	-	-	A	-	-
Ammonium Bifluoride	C	A	-	-	-	-	A	-	A
Ammomium Carbonate	A	A	-	C	A	-	A	-	B
Ammonium Casenite	A	C	C	D	A	B	A	A	A
Ammonium Hydroxide	A	A	D	A	A	B	A	A	B
Ammonium Nitrate	A	A	D	A	A	B	A	A	A
Ammonium Oxalate	A	A	-	-	-	-	-	-	-
Ammonium Persulfate	A	A	-	D	A	-	A	-	C
Ammonium Phosphate, Dibasic	A	A	-	-	A	B	A	-	A
Ammonium Phosphate, Monobasic	A	A	-	-	A	B	A	-	A
Ammonium Phosphate, Tribasic	A	A	-	C	A	B	A	-	A
Ammonium Sulfate	A	B	C	C	A	B	A	A	D
Ammonium Thio –Sulfate	-	A	-	D	-	-	-	-	-

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	304 Stainless Steel	316 Stainless Steel	Brass	Cast Iron	Teflon	Polyethylene	Polypropylene	Ryton	Viton
Amyl – Acetate	A	A	-	-	A	D	D	A	D
Amyl Alcohol	A	A	-	-	A	B	A	-	B
Amyl Chloride	C	B	-	-	A	D	D	-	A
Aniline	A	A	-	-	A	C	B	A	D
Anti – Freeze	A	A	B	B	A	B	A	A	A
Antimony Trichloride	D	D	-	-	A	A	-	-	-
Aqua Regla (80%, HCI, 20%, HNO)	D	D	-	-	A	D	C	-	C
Arochlor 1248	-	-	-	-	-	-	-	-	A
Aromatic Hydrocarbons	-	A	B	A	-	C	-	-	A
Arsenic Acid	A	A	-	D	A	B	A	-	A
Asphalt	B	A	-	C	-	-	A	A	A
Barium Carbonate	A	A	-	B	A	B	A	-	A
Barium Chloride	A	A	-	N	A	B	A	A	
Barium Cyanide	-	A	-	-	-	B	-	-	A
Barium Hydroxide	C	A	-	C	A	B	A	A	A
Barium Nitrate	A	A	-	A	-	-	-	-	A
Barium Sulfate	A	A	-	C	A	B	A	A	A
Barium Sulfide	A	A	-	C	A	B	A	-	A
Beer	A	A	B	D	A	B	D	-	A
Beet Sugar Liquids	A	A	B	A	A	-	A	-	A
Benzene	A	A	A	B	A	D	D	A	A
Benzoic Acid	A	A	-	D	A	B	D	-	A
Benzol	A	A	A	-	A	-	A	-	D
Borax (Sodium Borate)	A	A	B	A	A	B	A	A	A
Boric Acid	A	A	C	D	A	B	A	-	A
Brewery Slop	-	A	-	A	-	-	-	-	A
Bromine (wet)	D	D	-	D	A	D	D	D	A
Butadlene	A	A	A	C	A	-	-	B	A
Butane	A	A	A	C	A	C	D	A	A
Butanol	A	A	-	-	A	-	-	-	-
Butter	B	A	-	D	-	-	-	-	A
Buttermilk	A	A	-	D	A	-	-	-	A
Butylene	-	A	A	A	A	-	-	A	A
Butyl Acetate	-	C	-	-	A	C	D	A	D
Butyric Acid	B	A	-	D	A	-	A	-	D
Calcium Bisulfate	D	A	D	D	A	-	-	-	A
Calcium BisulfIde	-	B	-	-	A	B	A	-	A
Calcium Bisulfite	D	A	-	-	A	-	A	-	A
Calcium Carbonate	A	A	-	D	A	B	A	-	A
Calcium Chlorate	C	A	-	-	A	A	-	-	A
Calcium Chloride	A	D	-	C	A	B	A	A	A
Calcium Hydroxide	A	A	-	-	A	B	A	-	A
Calcium Hypochlorite	A	C	-	D	A	B	A	-	A
Calclum Sulfate	A	A	-	-	A	B	A	A	A
Calgon	A	A	-	D	-	-	A	-	A
Cane Juice									
Carbolic Acid (See Phenol)	-	-	-	-	-	-	-	-	-

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	304 Stainless Steel	316 Stainless Steel	Brass	Cast Iron	Teflon	Polyethylene	Polypropylene	Ryton	Viton
Carbon Bisulfide	A	A	-	B	-	-	D	-	A
Carbon Dioxide (Wet)	A	A	C	C	A	-	-	-	-
Carbon Disulfide	B	A	C	B	A	D	D	A	A
Carbon Monoxide	A	A	-	-	-	B	A	-	A
Carbon Tetrachloride	C	B	A	C	A	D	D	C	A
Carbonated Water	A	A	-	D	-	-	A	-	A
Carbonic Acid	A	B	-	D	A	B	A	-	A
Catsup	A	A	-	D	-	-	A	-	A
Chloracetic Acid	D	D	-	D	A	D	D	-	A
Chloric Acid	D	D	-	-	A	-	-	-	-
Chlorinated Glue	A	A	-	D	-	-	-	-	A
Chlorine, Anhydrous Liquid	D	D	-	C	A	D	D	C	A
Chlorine (Dry)	A	A	B	A	A	-	-	C	D
Chlorine Water	-	D	D	D	A	-	D	C	A
Chlorobenzene (Mono)	A	A	-	B	A	D	D	A	A
Chloroform	A	A	-	D	A	D	D	C	A
Chlorosulfonic Acid	D	-	-	-	A	D	D	D	D
Chlorox (Bleach)	A	A	-	D	A	-	D	C	A
Chocolate Syrup	A	A	-	D	-	-	A	-	A
Chromic Acid 5%	A	A	D	D	-	B	A	A	A
Chromic Acid 10%	B	-	D	-	A	-	A	-	A
Chromic Acid 30%	B	-	D	-	A	-	A	-	A
Chromic Acid 50%	B	B	D	D	A	C	B	B	A
Cider	A	A	-	D	-	B	-	-	A
Citric Acid	A	A	C	D	A	B	B	-	A
Citric Oils	A	A	-	-	-	-	A	-	A
Coffee	A	A	-	C	A	-	A	-	A
Copper Chloride	D	D	-	D	A	B	A	A	A
Copper Cyanide	A	A	-	D	A	B	A	A	B
Copper Floborate	D	D	-	D	A	A	-	-	A
Copper Nitrate	A	A	-	-	A	B	A	-	A
Copper Sulfate (5% Solution)	A	A	D	D	A	B	A	A	A
Copper Sulfate	B	-	D	-	A	-	A	-	B
Cream	A	A	-	D	-	-	A	-	A
Cresols	A	A	C	-	-	D	C	A	A
Cresylic Acid	A	A	-	-	A	C	-	-	A
Cyclohexane	A	-	-	-	-	-	D	A	A
Cyanic Acid	A	-	-	-	-	-	-	-	-
Detergents	A	A	-	-	-	B	A	A	A
Dichlorethane	A	A	-	-	A	D	-	-	C
Diesel Fuel	A	A	-	A	-	-	D	A	A
Diethylamine	A	-	-	-	A	-	C	-	D
Diethylene Gycol	A	-	-	-	-	B	-	-	A
Diphenyl Oxide	A	-	-	-	-	-	-	-	A
Dyes	A	A	-	-	-	-	-	-	A
Epsom Salts (Magnesium Sulphate)	A	A	-	-	-	-	A	-	A
Ethane	A	-	-	-	-	-	-	-	A

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	304 Stainless Steel	316 Stainless Steel	Brass	Cast Iron	Teflon	Polyethylene	Polypropylene	Ryton	Viton
Ethanolamine	A	A	-	-	-	-	-	A	D
Ether	A	A	A	-	A	-	-	A	C
Ethyl Acetate	A	A	-	-	A	C	C	A	D
Ethyl Chloride	A	A	-	C	-	D	D	A	A
Ethyle Sulfate	D	-	-	-	A	-	-	-	A
Ethylene Chloride	A	A	-	C	A	-	D	A	A
Ethylene Dichloride	A	A	-	-	A	D	A	A	A
Ethylene Glycol	A	A	B	B	A	B	A	A	A
Ethylene Oxide	-	A	-	-	A	-	-	-	D
Fatty Acids	A	A	-	D	A	B	A	-	A
Ferric Chloride	D	D	D	D	A	B	A	A	A
Ferric Nitrate	A	A	-	-	A	B	A	A	A
Ferric Sulfate	A	C	D	D	A	-	A	A	A
Ferrous Chloride	D	D	-	D	A	B	A	A	A
Ferrous Sulfate	A	C	-	D	A	B	A	A	A
Fluboric Acid	D	B	-	D	A	B	A	-	A
Fluorine	D	D	-	D	C	C	-	-	-
Fluosillicic Acid	-	B	-	D	A	B	A	-	B
Formaldehyde 40%	-	A	-	-	A	-	A	A	D
Formaldehyde	A	A	B	D	A	B	A	A	A
Formic Acid	A	B	C	D	A	B	A	A	B
Freon 11	-	A	-	C	A	C	-	A	C
Freon 12 (wet)	-	D	-	-	A	C	A	A	A
Freon 22	-	A	-	-	-	-	-	A	D
Freon 113	-	A	-	-	-	-	-	A	C
Freon T.F.	-	A	-	-	-	-	D	A	B
Fruit Juice	A	A	-	D	D	B	A	-	A
Fuel Oils	A	A	-	C	A	D	B	A	A
Furan Resin	A	A	-	A	A	-	-	A	A
Furtural	A	A	-	-	A	D	D	A	D
Gallic Acid	A	A	-	D	A	-	-	-	B
Gasoline	A	A	-	A	A	D	C	A	A
Gelatin	A	A	C	D	A	-	A	-	A
Glucose	-	A	A	B	A	B	A	-	A
Glue P.V.A.	B	A	-	-	A	-	-	-	A
Glycerine	A	A	B	B	A	-	A	-	A
Cycolic Acid	-	-	-	-	-	B	A	A	A
Gold Monocyanide	-	A	-	D	-	-	-	-	A
Grape Juice	A	A	-	D	-	B	-	-	A
Grease	A	A	-	A	A	-	-	-	A
Heptane	-	A	-	-	A	D	D	A	A
Hexane	A	A	-	-	A	-	C	A	A
Honey	A	A	-	A	-	-	A	-	A
Hydraulic Oils (Petroleum)	A	A	-	A	A	-	D	-	A
Hydraulic Oils (Synthetic)	A	A	-	A	-	-	D	-	A
Hydrazine	A	A	-	C	-	-	-	-	A
Hydrobromic Acid 20%	A	A	-	C	-	-	-	-	A
Hydrobromic Acid	D	D	-	D	A	B	B	-	A

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	304 Stainless Steel	316 Stainless Steel	Brass	Cast Iron	Teflon	Polyethylene	Polypropylene	Ryton	Viton
Hydrochloric Acid (Dry Gas)	C	A	-	-	A	-	-	-	-
Hydrochloric Acid (37%)	D	D	-	D	A	A	A	D	A
Hydrochloric Acid 100%	D	D	-	D	A	A	-	-	C
Hydrocyanic Acid	A	A	D	-	A	B	A	-	A
Hydrocyanic Acid (Gas 10%)	D	D	-	-	A	-	-	-	-
Hydrofluoric Acid (20%)	D	D	-	D	A	C	A	C	A
Hydrofluoric Acid (75%)	C	D	-	D	A	C	B	C	A
Hydrofluoric Acid 100%	D	D	-	D	A	D	-	C	-
Hydrofluosilicic Acid (20%)	D	D	-	D	A	-	A	-	A
Hydrofluosilicic Acid	D	D	-	-	A	-	-	-	-
Hydrogen Gas	A	A	-	B	A	-	-	-	A
Hydrogen Peroxide 10%	C	C	D	D	A	A	-	B	-
Hydrogen Peroxide 30%	-	B	D	-	A	-	A	C	A
Hydrogen Peroxide	A	B	D	D	A	B	A	C	A
Hydrogen Sulfide, Aqueous Solution	A	A	C	D	A	B	A	A	B
Hydrogen Sulfide (Dry)	C	A	C	B	A	-	-	A	A
Hydroxyacetic Acid (70%)	-	-	-	-	-	-	-	-	A
Ink	A	A	-	D	-	B	-	-	A
Lodine	D	D	-	D	A	D	D	-	A
Lodine (In Alcohol)	-	B	-	-	A	-	B	-	A
Lodoform	D	A	-	C	A	-	-	-	C
Isotane	-	-	-	-	-	-	D	-	A
Isopropyl Acetate	-	B	-	-	-	-	-	-	D
Isopropyl Ether	-	A	-	-	A	-	D	-	D
Jet Fuel (JP3,JP4, JP5)	A	A	-	A	A	-	D	A	A
Kerosene	A	A	A	A	A	D	D	A	A
Ketones	A	A	-	A	A	D	D	A	D
Lacquers	A	A	-	A	A	D	D	A	D
Lacquer Thinners	-	A	C	-	A	-	B	-	-
Lactic Acid	A	B	-	D	A	B	A	A	B
Lard	A	A	-	A	-	-	A	-	A
Latex	A	A	-	-	-	B	-	-	A
Lead Acetate	A	A	-	-	A	B	A	-	D
Lead Sulfamate	-	-	-	-	-	-	A	-	A
Ligroin	-	A	-	-	-	-	D	-	A
Lime	A	A	-	A	-	-	-	-	A
Lubricants	A	A	-	-	A	-	A	A	A
Magnesium Carbonate	A	A	-	-	-	B	A	-	-
Magnesium Chloride	B	B	C	D	A	B	A	A	A
Magnesium Hydroxide	A	A	B	B	A	B	A	A	A
Magnesium Nitrate	A	A	-	-	A	B	A	-	A
Magnesium Oxide	A	A	-	-	-	-	-	-	-
Magnesium Sulfate	B	A	B	C	A	B	A	A	A
Maleic Acid	A	A	-	-	A	-	C	-	A
Maleic Anhydride	-	-	-	-	-	-	-	-	A
Malic Acid	A	A	-	-	A	-	-	-	C
Mash	A	A	-	-	-	-	-	-	-

KIJEKA ENGINEERS PRIVATE LIMITED

	304 Stainless Steel	316 Stainless Steel	Brass	Cast Iron	Teflon	Polyethylene	Polypropylene	Ryton	Viton
Mayonnaise	A	A	-	D	A	-	A	-	A
Melamine	D	D	-	-	-	-	-	-	-
Mercuric Chloride (Dilute Solution)	D	D	D	D	A	B	A	-	A
Mercuric Cyanide	A	A	-	-	A	B	A	-	-
Mercury	A	A	D	A	A	B	A	-	A
Methanol (See Alcohol Methyl)	-	-	-	-	-	-	-	-	-
Methyl Acetate	-	A	-	-	A	-	-	-	D
Methyl Acrylate	-	-	-	-	-	-	-	-	D
Methyl Acetone	-	A	-	A	A	-	-	-	D
Methyl Alcohol 10%	-	A	-	-	A	-	-	-	D
Methyl Bromide	-	-	-	-	-	D	-	-	A
Methyl Butyl Ketone	-	A	-	-	-	-	-	-	D
Methyl Cellosolve	-	-	-	-	-	-	A	-	D
Methyl Chloride	C	A	-	-	A	D	D	-	A
Methyl Dichloride	-	-	-	-	-	-	-	-	A
Methyl Ethyl Ketone	A	A	-	-	-	D	-	-	D
Methylene Isobutyl Ketone	-	A	-	-	A	-	C	A	D
Methylene Isopropyl Ketone	A	-	-	-	-	-	-	-	D
Methyl Methacrylate	-	-	-	-	-	-	-	-	D
Methylamine	-	A	-	B	-	-	-	-	-
Methylene Chloride	A	A	C	-	A	D	D	-	B
Milk	A	A	C	D	-	B	A	-	A
Molasses	A	A	-	C	-	-	A	-	A
Mustard	A	A	-	C	-	-	A	-	A
Naphtha	A	A	-	B	A	D	A	A	A
Naphthalene	A	B	-	B	A	D	B	A	C
Nickel Chloride	A	B	-	D	A	B	A	-	A
Nickel Sulfate	A	B	C	D	A	B	A	-	A
Nitric Acid (10% Solution)	A	A	-	D	A	B	A	D	A
Nitric Acid (20% Solution)	A	A	-	D	A	B	A	C	A
Nitric Acid (50% Solution)	A	A	-	D	A	C	D	C	A
Nitric Acid (Concentrated Solution)	D	B	D	D	A	D	D	C	B
Nitrobenzene	A	B	-	B	A	D	C	B	D
Oils Aniline	A	A	-	A	A	-	A	-	A
Anise	A	A	-	-	-	-	-	-	-
Bay	A	A	-	-	-	-	-	-	A
Bone	A	A	-	-	-	-	-	-	A
Castor	A	A	-	A	-	-	-	-	A
Cinnamon	A	A	-	-	A	-	A	-	D
Citric	A	A	-	D	-	-	A	-	A
Clove	A	A	-	-	-	-	B	-	-
Coconut	A	A	-	A	-	-	A	-	A
Cod Liver	A	A	-	-	-	-	A	-	A
Corn	A	A	-	A	-	-	A	-	A
Cotton Seed	A	A	-	A	A	-	A	A	A
Creosote	A	A	-	-	-	-	D	-	A
Diesel Fuel (2D.3D,4D,5D)	A	A	-	-	-	-	A	A	A

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	304 Stainless Steel	316 Stainless Steel	Brass	Cast Iron	Teflon	Polyethylene	Polypropylene	Ryton	Viton
Fuel (1,2,3,5A,5B,6)	A	A	-	-	A	-	B	-	A
Oils (con.) Ginger	A	A	-	-	-	-	-	-	A
Lemon	A	A	-	-	-	-	D	-	A
Linseed	A	A	-	A	-	-	A	-	A
Mineral	A	A	-	A	-	-	B	A	A
Olive	A	A	-	A	A	-	A	-	A
Orange	A	A	-	-	A	-	A	-	A
Palm	A	A	-	-	-	-	-	-	A
Peanut	A	A	-	A	-	-	D	-	A
Peppermint	A	A	-	-	-	-	D	-	A
Pine	A	A	-	C	A	-	-	-	A
Rape Seed	A	A	-	-	-	-	-	-	A
Rosin	A	A	-	-	-	-	A	-	A
Sesame Seed	A	A	-	A	-	-	A	-	A
Silicone	A	A	-	A	-	-	A	-	A
Soybean	A	A	-	A	-	-	A	-	A
Sperm	A	A	-	-	-	-	-	-	A
Tanning	A	A	-	-	-	-	-	-	A
Turbine	A	A	-	A	-	-	-	-	A
Diesel Fuel (2D.3D,4D,5D)	A	A	-	-	-	-	A	A	A
Oleic Acid	A	A	C	C	A	D	C	-	B
Oleum 25%	-	A	C	-	A	-	D	-	A
Oleum	-	A	C	-	A	-	D	-	A
Oxalic Acid (cold)	A	B	C	D	A	A	A	-	A
Paraffin	A	A	-	B	A	-	A	-	A
Pentane	C	C	-	B	A	-	-	-	A
Perchloroethylene	A	A	-	B	A	-	D	A	A
Petrolatum	-	A	-	C	A	-	-	-	A
Phenol 10%	-	A	-	C	A	-	-	-	A
Phenol (Carbolic Acid)	A	A	D	D	A	D	B	A	A
Phosphoric Acid (to 40% Solution)	B	A	D	D	A	B	A	A	A
Phosphoric Acid (40%-100% Solution)	C	B	D	D	A	C	A	A	A
Phosphoric Acid (Crude)	D	C	D	D	A	C	-	A	A
Phosphoric Anhydride (Dry or Moist)	A	A	D	-	A	-	-	-	D
Phosphoric Anhydride (Molten)	A	A	D	-	A	D	-	-	D
Photographic (Developer)	C	A	-	D	-	B	A	-	A
Phthalic Anhydride	A	B	-	C	A	-	-	-	A
Picric Acid	A	A	D	D	A	A	-	-	A
Plating Solutions									
Antimony Plating 130 °F	-	A	-	-	A	-	A	-	A
Arsenic Plating 110 °F	-	A	-	-	A	-	A	-	A
Brass Plating Regular Brass Bath 100 °F	-	A	-	-	A	-	A	-	A
High Speed Brass Bath 110 °F	-	A	-	-	A	-	A	-	A
Bronze Plating Copper-Cadmium Bronze	-	A	-	-	A	-	A	-	A
Copper-Tin Bronze Bath 160 °F	-	A	-	-	A	-	A	-	A
Copper-Zinc Bronze Bath 100 °F	-	A	-	-	A	-	A	A	A
Cadmium Plating Cyanide Bath 90 °F	-	A	-	-	A	-	A	A	A

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	304 Stainless Steel	316 Stainless Steel	Brass	Cast Iron	Teflon	Polyethylene	Polypropylene	Ryton	Viton
Chromium Plating Chromic - Sulfuric Bath	-	C	-	-	A	-	A	C	C
Fluosilicate Bath 95 °F	-	C	-	-	A	-	A	C	C
Fluoride Bath 130 °F	-	D	-	-	A	-	A	C	C
Black Chrome Bath 115 °F	-	C	-	-	A	-	A	-	C
Barrel Chrome Bath 95 °F	-	D	-	-	A	-	A	-	C
Copper Plating (Cyanide) Copper Strike	-	-	-	A	-	-	-	-	B
Rochelle Salt Bath 150 °F	-	A	-	-	A	-	A	-	A
High Speed Bath 180 °F	-	A	-	-	A	-	A	-	A
Copper Plating (Acid) Copper Sulfate Bath	-	D	-	-	D	-	A	-	A
Copper Fluoborate Bath 120 °F	-	D	-	-	A	-	A	-	A
Copper Pyrophosphate 140 °F	-	A	-	-	A	-	A	-	A
Copper (Electroless) 140 °F	-	-	-	-	A	-	A	-	A
Gold Plating Cyanide 150 °F	-	A	-	-	A	-	A	-	A
Neutral 75 °F	-	C	-	-	A	-	A	-	A
Acid 75 °F	-	C	-	-	A	-	A	-	A
Indium Sulfamate Plating R.T.	-	C	-	-	A	-	A	-	A
Iron Plating Ferrous Chloride Bath 190 °F	-	D	-	-	A	-	C	-	A
Ferrous Sulfate Bath 150 °F	-	C	-	-	A	-	A	-	A
Ferrous Am. Sulfate Bath 150 °F	-	C	-	-	A	-	A	-	A
Sulfate - Chloride Bath 160 °F	-	D	-	-	A	-	A	-	A
Fluoborate Bath 145 °F	-	D	-	-	A	-	A	-	A
Sulfamate 140 °F	-	D	-	-	A	-	A	-	A
Lead Fluoborate Plating	-	C	-	-	A	-	A	-	A
Nickel Plating Watts Type 115-160 °F	-	C	-	-	A	-	A	-	A
High Chloride 130-160 °F	-	C	-	-	A	-	A	-	A
Fluoborate 100-170 °F	-	C	-	-	A	-	A	-	A
Sulfamate 100-140 °F	-	C	-	-	A	-	A	-	A
Electroless 200 °F	-	-	-	-	A	-	D	-	A
Rhodium Plating 120 °F	-	D	-	-	A	-	A	-	A
Silver Plating 80-120 °F	-	A	-	-	A	-	A	-	A
Tin - Fluoborate Plating 100 °F	-	C	-	-	A	-	A	-	A
Tin - Lead Plating 100 °F	-	C	-	-	A	-	A	-	A
Zinc Plating Acid Chloride 140 °F	-	D	-	-	A	-	A	-	A
Acid Sulfate Bath 150 °F	-	C	-	-	A	-	A	-	A
Acid Fluoborate Bath R.T.	-	-	-	-	A	-	A	-	A
Alkaline Cyanide Bath R.T.	-	-	-	-	A	-	A	-	A
Potash	A	-	-	B	-	B	A	-	A
Potassium Bicarbonate	A	-	-	D	A	B	A	A	A
Potassium Bromide	A	-	-	D	A	B	A	C	A
Potassium Carbonate	A	-	-	B	A	BA	A	A	A
Potassium Chlorate	A	A	-	B	A	B	A	A	A
Potassium Chloride	A	A	C	B	A	B	A	A	A
Potassium Chromate	-	B	-	A	-	B	-	A	A
Potassium Cyanide Solutions	AB	A	-	B	A	BA	A	A	B
Potassium Dichromate	A	A	-	B	A	B	A	A	B
Potassium Ferrocyanide	A	-	-	-	A	A	-	-	-
Potassium Hydroxide (50%)	B	B	D	C	A	B	A	A	B

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Potassium Nitrate	A	B	-	-	A	B	A	C	B
Potassium Permanganate	A	B	-	B	A	B	B	A	B
Potassium Sulfate	A	B	B	B	A	B	A	A	A
Potassium Sulfide	A	-	-	B	A	-	-	-	-
Propane (Liquified)	A	-	A	-	A	-	D	-	A
Propylene Glycol	B	-	-	B	A	B	-	-	A
Pyridine	C	-	-	B	A	C	B	A	D
Pyrogallic Acid	A	A	-	B	A	-	-	-	A
Rosins	A	A	C	-	A	-	A	-	-
Rum	A	-	-	-	-	-	A	-	A
Rust inhibitors	A	-	-	A	-	-	A	-	A
Salad Dressing	A	-	-	D	-	-	A	-	A
Sea Water	AC	C	-	-	A	B	A	-	A
Shellac (Bleached)	A	-	B	B	A	-	A	-	-
Shellac (Orange)	B	-	-	-	-	-	A	-	A
Silicone	B	-	-	-	-	-	A	-	A
Silver Bromide	C	C	-	-	-	-	-	-	-
Silver Nitrate	A	B	-	D	A	B	A	-	A
Soap Solutions	A	A		B	AA	B	A	A	A
Sodium Acetate	A	A	-	C	A	B	A	-	D
Sodium Aluminate	-	-	-	-	A	-	-	A	A
Sodium Bicarbonate	A	A	A	C	A	B	A	A	A
Sodium Bisulfate	A	-	C	D	A	B	A	A	B
Sodium Bisulfite	A	-	-	D	A	B	A	A	A
Sodium Borate	A	-	-	C	A	A	-	-	A
Sodium Carbonate	A	B	B	B	A	B	A	A	A
Sodium Chlorate	A	-	-	-	A	B	A	A	A
Sodium Chloride	A	C	C	B	A	B	A	A	A
Sodium Chromate	A	A	-	B	A	-	A	A	B
Sodium Cyanide	A	-	D	B	A	BA	A	A	A
Sodium Fluoride	C	-	-	D	A	C	-	-	C
Sodium Hydrosulfite	-	-	-	-	A	-	-	-	A
Sodium Hydroxide (20%)	A	A	D	A	A	B	A	A	A
Sodium Hydroxide (50% Solution)	A	B	D	B	A	C	A	B	A
Sodium Hydroxide (80% Solution)	A	D	D	C	A	C	A	B	B
Sodium Hypochlorite (to 20%)	C	C	D	D	A	B	D	C	A
Sodium Hypochlorite	-	A	-	D	A	-	A	C	D
Sodium Hyposulfate	A	A	-	-	A	-	-	-	-
Sodium Metaphosphate	-	A	C	B	A	-	D	-	A
Sodium Metasilicate	-	A	-	C	A	-	-	-	A
Sodium Nitrate	A	A	C	A	A	B	A	-	B
Sodium Perborate	-	C	C	B	A	-	A	-	A
Sodium Peroxide	A	A	C	D	A	-	-	-	A
Sodium Polyphosphate (Mono, D1,Tribasic)	A	A	-	-	A	-	-	-	A
Sodium Silicate	A	B	C	-	A	-	A	-	A
Sodium Sulfate	A	A	B	A	A	B	A	A	A
Sodium Sulfide	A	B	D	A	A	B	A	A	A

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Sodium Tetraborate	-	A	-	-	-	-	-	-	A
Sodium Thiosulphate (Hypo)	A	A	D	C	A	-	A	A	A
Sorghum	A	A	-	A	-	-	-	-	A
Soy Sauce	A	A	-	D	-	-	-	-	A
Stannic Chloride	D	D	-	D	A	B	A	-	A
Stannic Fluoborate	-	A	-	D	-	-	-	-	A
Stannous Chloride	D	C	-	D	A	A	-	-	B
Starch	A	A	-	C	A	B	-	-	A
Stearic Acid	A	A	C	C	A	B	D	-	A
Stoddard Solvent	A	A	A	B	A	D	D	A	A
Styrene	A	A	-	-	A	-	-	-	B
Sugar (Liquids)	A	A	-	B	A	-	A	-	A
Sulfate Liquors	C	C	-	-	A	-	A	-	-
Sulfur Chloride	D	D	D	-	A	A	D	-	A
Sulfur Dioxide	A	A	-	-	A	C	D	A	D
Sulfur Dioxide (Dry)	A	A	C	A	A	D	-	-	A
Sulfur Trioxide (Dry)	A	C	-	B	A	-	-	-	A
Sulfuric Acid (to 10%)	D	C	D	D	A	B	A	A	A
Sulfuric Acid (10% - 75%)	D	D	D	D	A	C	A	B	A
Sulfuric Acid 75% - 100%	-	D	D	-	A	-	B	C	A
Sulfurous Acid	C	BV	-	D	A	B	A	-	A
Sulfuryl Chloride	-	-	-	-	A	-	-	-	-
Syrup AA	A	A	-	-	-	-	A	-	A
Tallow	A	A	-	-	-	C	-	-	A
Tannic Acid	A	A	-	C	A	B	A	-	A
Tanning Liquors	A	A	-	-	A	-	A	-	A
Tartaric Acid	-	A	-	-	A	-	A	-	A
Tetrachlorethane	-	A	-	-	A	-	A	-	A
Tetrahydrofuran	A	A	-	D	A	D	C	A	B
Toluene, Toluol	A	A	A	A	A	D	D	A	C
Tomato Juice	A	A	-	C	A	-	A	A	A
Trichlorathane	C	A	-	C	A	-	-	-	A
Trichlorethylene	A	A	A	C	A	D	D	C	A
Trichloropropane	-	A	-	-	-	-	-	-	A
Tricresylphosphate	-	A	-	-	A	-	-	-	B
Triethylamine	-	-	-	-	-	-	-	-	A
Turpentine	A	A	C	B	A	D	B	A	A
Urine	A	A	-	B	-	B	A	-	A
Vegetable Juice	A	A	-	D	-	-	-	-	A
Vinegar	A	A	B	C	A	B	A	A	A
Varnish (Use Viton for Aromatic)	A	A	B	-	A	-	A	-	A
Water, Acid, Mine	A	A	D	C	-	-	A	B	A
Water, Distilled, Lab Grade 7	A	A	-	D	A	-	A	A	A
Water, Fresh	A	A	C	B	A	D	A	A	A
Water, Salt	A	A	C	D	-	-	A	A	A
Weed Killers	A	A	-	-	-	-	-	-	A
Whey	-	-	-	-	-	-	-	-	A
White Liquor (Pulp Mill)	A	A	-	C	A	-	A	-	A
White Water (Paper Mill)	A	A	-	-	-	-	A	-	A
Xylene	A	A	A	A	A	D	D	A	A
Zinc Chloride	A	B	D	D	A	B	A	A	A
Zinc Hydrosulphite	-	A	-	D	-	-	-	A	-
Zinc Sulfate	A	A	C	C	A	B	A	A	A

KIJEKA ENGINEERS PRIVATE LIMITED	304 Stainless Steel	316 Stainless Steel	Brass	Cast Iron	Teflon	Polyethylene	Polypropylene	Ryton	Viton

CHEMICAL COMPATIBILITY GUIDE - NOTES

CHEMICAL RESISTANCE DATA

These recommendations are based upon information from material suppliers and careful examination of available published information and are believed to be accurate. However, since the resistance of metals, plastics and elastomers can be affected by concentration, temperature, presence of other chemicals and other factors, this information should be considered as a general guide only, rather than an unqualified guarantee. Ultimately the customer must determine the suitability of the pump used in various solutions. **"KIJEKA ENGINEERS"** offers this data sheet as an aid and a guide only and takes no responsibility for customers' pump selection based upon the information contained herein.

All recommendations assume ambient temperatures unless otherwise noted.

RATINGS – CHEMICAL EFFECT

A – No effect, acceptable
B – Minor effect, acceptable
C – Moderate effect, questionable
D – Severe effect, not recommended

The ratings for these materials are based upon the chemical resistance only.
Added consideration must be given to pump selections when the chemical is abrasive, viscous in nature or has a Specific Gravity greater than 1.1.

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