

FREON 11	X	X	X	X	X	X	A	-	X	X	X	C	C	C	C	C	C	C	C	C	C	-	-	-	-	-	
FREON 12	X	X	X	X	X	X	B	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
FREON 22	A	A	A	A	A	A	X	-	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
FREON 113	X	X	X	X	X	X	B	-	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
FREON TF	A	A	A	A	A	A	A	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
FRUIT JUICE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
FUEL OILS	X	X	X	X	X	X	A	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	
FURAN RESIN	X	X	X	X	X	X	X	-	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
FURFURAL	A	A	A	A	A	A	A	X	-	X	X	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	
GALLIC ACID	B	B	B	B	B	B	B	B	-	-	-	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	
GASOLINE	X	X	X	X	X	X	A	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	
GELATIN	A	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
GLUCOSE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
GLUE, P.V.A.	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
GLYCERIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
GLYCOLIC ACID 70% in water	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
GOLD MONOCYANIDE	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
GRAPE JUICE	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X	X	X	A	A	A	A	A	
GREASE	X	X	X	X	X	X	A	X	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HEPTANE	X	X	X	X	X	X	A	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	
HEXANE	X	X	X	X	X	X	A	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	
HONEY	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDRAULIC OIL (PETRO)	X	X	X	X	X	X	A	X	X	X	X	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
HYDRAULIC OIL (PHOSPATE ESTER)	A	A	A	A	A	A	X	X	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
HYDRAZINE	A	A	A	A	A	A	-	A	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
HYDROBROMIC ACID 10%	A	A	A	A	A	A	X	A	X	X	X	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	
HYDROBROMIC ACID 20%	A	A	A	A	A	A	-	A	X	X	X	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
HYDROCHLORIC ACID, DRY GAS	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
HYDROCHLORIC ACID 20%	A	A	A	A	A	A	X	B	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROCHLORIC ACID 37%	B	B	B	B	B	B	X	X	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROCYANIC ACID	B	B	B	B	B	B	B	A	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROCYANIC ACID (GAS 10%)	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROFLUORIC ACID 20%	X	X	X	X	X	X	X	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROFLUORIC ACID 50%	-	-	-	-	-	-	-	-	-	X	X	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
HYDROFLUORIC ACID 75%	-	-	-	-	-	-	-	-	-	X	X	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
HYDROFLUORIC ACID 100%	-	-	-	-	-	-	-	-	-	X	X	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
HYDROFLUOSILICIC ACID 20%	A	A	A	A	A	A	B	A	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROFLUOSILICIC ACID 100%	-	-	-	-	-	-	-	-	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROGEN GAS	A	A	A	A	A	A	-	A	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROGEN PEROXIDE 3%	B	B	B	B	B	B	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROGEN PEROXIDE 10%	X	X	X	X	X	X	X	A	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROGEN PEROXIDE 30%	X	X	X	X	X	X	X	X	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROGEN PEROXIDE 100%	-	-	-	-	-	-	X	X	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROGEN SULFIDE (AQUA)	A	A	A	A	A	A	-	A	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROGEN SULFIDE (DRY)	A	A	A	A	A	A	-	-	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
HYDROXYACETATE ACID 70%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INK	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
IODINE 50 ppm in water	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
IODINE (IN ALCOHOL)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	
IODIFORM	A	A	A	A	A	A	-	-	-	-	-	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
ISOTANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ISOPROPYL ACETATE	B	B	B	B	B	B	X	B	X	X	X	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X	
ISOPROPYL ETHER	X	X	X	X	X	X	X	X	X	X	X	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
JET FUEL (JP3, -4, -5)	X	X	X	X	X	X	-	X	X	X	X	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X	
KEROSENE	X	X	X	X	X	X	B	X	X	X	X	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X	
KETONES	B	B	B	B	B	B	X	A	-	-	-	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X	
LACQUERS	X	X	X	X	X	X	-	X	X	X	X	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
LACQUER THINNERS	-	-	-	-	-	-	-	X	X	X	X	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X	
LACTIC ACID	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
LARD	X	X	X	X	X	X	A	B	B	B	B	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	
LATEX	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
LEAD ACETATE	A	A	A	A	A	A	X	B	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
LEAD SULFAMATE	A	A	A	A	A	A	-	-	B	B	B	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
LIGROIN	-	-	-	-	-	-	-	A	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LIME	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
LINSEED OIL	X	X	X	X	X	X	A	B	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	
LIQUOR (SPIRITS)	X	X	X	X	X	X	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B	B	B	B	B	
LUBRICATING OILS	-	-	-	-	-	-	-	-	X	X	X	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
LYMONENE	X	X	X	X	X	X	-	-	X	X	X	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
MAGNESIUM CARBONATE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
MAGNESIUM CHLORIDE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
MAGNESIUM HYDROXIDE	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
MAGNESIUM NITRATE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
MAGNESIUM OXIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAGNESIUM SULFATE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
MALEIC ACID	X	X	X	X	X	X	X	A	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
MALEIC ANHYDRIDE	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MALIC ACID	X	X	X	X	X	X	B	X	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
MASH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAYONNAISE	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X	X	A	A	A	A	A	
MELAMINE	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	-	-	-	-	-	
MERCURIC CHLORIDE (DILUTE)	A	A	A	A	A	A	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	
MERCURIC CYANIDE	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	B	B	B	B	B	
MERCURY	A	A	A	A	A	A	A	A	-	-	-	-	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B

ANTIMONY PLATING 130F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
ARSENIC PLATING	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
110F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BRASS PLATING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	
REGULAR BRASS BATH 100F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
HIGH SPEED BRASS BATH 110F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
BRONZE PLATING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CU-CD BRONZE BATH R.T.	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
CU-SN BRONZE BATH 160°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
CU-ZN BRONZE BATH 100°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
CADMIUM PLATING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	
CYANIDE BATH 90°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
FLUORIDE BATH 100°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
CHROMIUM PLATING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B	B	B	B	
CHROMIC-SULFURIC BATH 130°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
FLUOSILICATE BATH 95°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
FLUORIDE BATH 130°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
BLACK CHROME BATH 115°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
BARREL CHROME BATH 95°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
COPPER PLATING (CYANIDE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	
COPPER STRIKE BATH 120°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
ROCHELLE SALT BATH 150°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
HIGH SPEED BATH 180°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
COPPER PLATING (ACID)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	
COPPER SULFATE BATH R.T.	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
COPPER FLUOROBORATE BATH 120°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
COPPER PLATING (MISC.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COPPER PYROPHOSPHATE	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
COPPER (ELECTROLESS)	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
GOLD PLATING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CYANIDE 150°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
NEURAL 75°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
ACID 75°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
INDIUM SULFAMATE PLATING R.T.	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
IRON PLATING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FERROUS CHLORIDE BATH 190°F	A	A	A	A	A	A	-	A	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
FERROUS SULFATE BATH 150°F	A	A	A	A	A	A	-	E	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
FERROUS AM SULFATE BATH 150°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
SULFATE-CHLORIDE BATH 160°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
FLUOROBORATE BATH 145°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
SULFAMATE 140°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
LEAD FLUOROBORATE PLATING	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
NICKEL PLATING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WATTS TYPE 115-160°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
HIGH CHLORIDE 130-160°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
FLUOROBORATE 100-170°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
SULFAMATE 100-140°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
ELECTROLESS 200°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
RHODIUM PLATING 120°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
SILVER PLATING 80-120°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
TIN-FLUOROBORATE PLATING 100°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
TIN-LEAD PLATING 100°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
ZINC PLATING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ACID CHLORIDE 140°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
ACID SULFATE BATH 150°F	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
ACID FLUOROBORATE BATH R.T.	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
ALKALINE CYANIDE BATH R.T.	A	A	A	A	A	A	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
POTASSIUM BICARBONATE	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASSIUM BROMIDE	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASSIUM CHLORATE	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASSIUM CHLORIDE	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASSIUM CHROMATE	B	B	B	B	B	B	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASSIUM CYANIDE SOLUTIONS	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASSIUM DICHROMATE	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASSIUM FERROCYANIDE	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASSIUM HYDROXIDE (CAUSTIC POTASH)	A	A	A	A	A	A	-	B	A	X	X	X	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASSIUM NITRATE	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASSIUM PERMANGANATE	A	A	A	A	A	A	-	B	A	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASSIUM SULFATE	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTASSIUM SULFIDE	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
POTATO FLOUR	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	
PROPANE (LIQUIFIED)	X	X	X	X	X	X	-	-	-	X	X	X	A	A	A	A	A	A	A	A	A	A	-	-	-	-	
PROPYLENE GLYCOL	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	

PYRIDINE	B	B	B	B	B	B	-	-	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
PYROGALLIC ACID	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
ROSINS	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
RUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RUST INHIBITORS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SALAD DRESSINGS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SALT, GRANULAR, TABLE GRADE	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A
SEA WATER	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SHELLAC (BLEACHED)	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SHELLAC (ORANGE)	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SHORTENING	X	X	X	X	X	X	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILICONE	-	-	-	-	-	-	-	-	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SILVER BROMIDE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SILVER NITRATE	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SOAP SOLUTIONS	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODA ASH (SEE SODIUM CARBONATE)	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A
SODIUM ACETATE	A	A	A	A	A	A	X	A	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM ALUMINATE	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SODIUM BICARBONATE	A	A	A	A	A	A	A	A	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM BISULFATE	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM BISULFITE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM BORATE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SODIUM CARBONATE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM CHLORATE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B
SODIUM CHLORIDE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM CHROMATE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SODIUM CYANIDE	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM FLOURIDE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM HYDROSULFITE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SODIUM HYDROXIDE (20%)	A	A	A	A	A	A	B	A	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM HYDROXIDE (50%)	A	A	A	A	A	A	B	A	B	B	B	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B
SODIUM HYDROXIDE (80%)	A	A	A	A	A	A	X	A	X	X	X	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	-
SODIUM HYPOCHLORITE (<20%)	A	A	A	A	A	A	X	A	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM HYPOCHLORITE (100%)	B	B	B	B	B	B	X	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SODIUM HYPOSULFATE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SODIUM METAPHOSPHATE	A	A	A	A	A	A	-	A	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SODIUM METASILICATE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SODIUM NITRATE	A	A	A	A	A	A	A	A	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM PERBORATE	A	A	A	A	A	A	-	A	B	B	B	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SODIUM PEROXIDE	A	A	A	A	A	A	-	A	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SODIUM POLYPHOSPHATE	-	-	-	-	-	-	-	-	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SODIUM SILICATE	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM SULFATE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM SULFIDE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM SULFITE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SODIUM TETRABORATE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SODIUM THIOSULFATE (HYPO)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SORGHUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOY SAUCE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOYBEAN OIL	X	X	X	X	X	X	A	-	-	-	-	B	B	B	B	B	B	B	B	B	B	X	X	X	X	X	
STANNIC CHLORIDE	B	B	B	B	B	B	A	X	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
STANNIC FLUOBORATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STANNOUS CHLORIDE	A	A	A	A	A	A	A	X	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
STARCH	-	-	-	-	-	-	-	-	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
STEARIC ACID	B	B	B	B	B	B	A	B	-	-	-	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B
STODDARD SOLVENT	X	X	X	X	X	X	A	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X
STYRENE	X	X	X	X	X	X	X	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X
SUCROSE	X	X	X	X	X	X	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A
SUGAR, GRANULATED	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A
SUGAR (LIQUIDS)	A	A	A	A	A	A	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SUGAR, SYRUP	A	A	A	A	A	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A
SULFATE (LIQUORS)	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B
SULFUR CHLORIDE	X	X	X	X	X	X	-	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SULFUR DIOXIDE	A	A	A	A	A	A	-	A	B	B	B	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SULFUR DIOXIDE (DRY)	B	B	B	B	B	B	-	-	B	B	B	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SULFUR TRIOXIDE (DRY)	B	B	B	B	B	B	-	-	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SULFURIC ACID (<10%)	A	A	A	A	A	A	-	A	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SULFURIC ACID (10-75%)	A	A	A	A	A	A	-	A	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SULFURIC ACID (75-100%)	-	-	-	-	-	-	-	B	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SULFURIC ACID (HOT CONC)	-	-	-	-	-	-	-	-	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SULFURIC ACID (COLD CONC)	-	-	-	-	-	-	-	-	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
SULFUROUS ACID	B	B	B	B	B	B	-	B	X	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
SULFURYL CHLORIDE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
TALLOW	-	-	-	-	-	-	-	A	A	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
TANNIC ACID	A	A	A	A	A	A	B	A	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
TANNING LIQUORS	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
TARTARIC ACID	B	B	B	B	B	B	X	X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
TETRACHLOROETHANE	X	X	X	X	X	X	X	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
TETRACHLOROETHYLENE	X	X	X	X	X	X	X	X	-	-	-	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
TETRAHYDROFURAN	B	B	B	B	B	B	X	X	-	-	-	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X	
TOLUENE (TOLUOL)	X	X	X	X	X	X	X	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-
TOMATO JUICE	B	B	B	B	B	B	X	-	-	-																	

TURPENTINE	X	X	X	X	X	X	A	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X	
URINE	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
VARNISH	X	X	X	X	X	X	X	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X	
VEGETABLE JUICE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
VEGETABLE OIL	A	A	A	A	A	A	A	X	A	A	A	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X		
VINEGAR	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
WATER, ACID, MINE	-	-	-	-	-	-	-	-	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
WATER, DISTILLED	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
WATER, DEIONIZED	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
WATER, FRESH	A	A	A	A	A	A	A	A	A	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
WATER, POTABLE	A	A	A	A	A	A	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	
WATER, SALT	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
WEED KILLERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WHEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WINE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X	
WHISKEY	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X	
WHITE LIQUOR (PULP MILL)	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	A	A	A	A	-	-	-	-	-	-	
WHITE WATER (PAPER MILL)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	A	A	A	
XYLENE	X	X	X	X	X	X	X	X	X	X	X	A	A	A	A	A	A	A	A	A	A	A	X	X	X	X	X	
ZINC CHLORIDE	A	A	A	A	A	A	A	A	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ZINC HYDROSULFITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ZINC SULFATE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
CHEMICAL CHARTS REVISION: 52611	ACE SANITARY Hose Products Chemical Resistance Chart Is To Be Used As a Guide Only																											

REVISION: 03/2015_CC PROPYLENE PROPYLENE PROPYLENE PROPYLENE PROPYLENE PROPYLENE GLYCOL CHANGED THE BUTYL, SILICONE AND PVC RATING