Chemical Resistance Guide for Metal

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		ARC 5	ARC 5ES	ARC 10	ARC 855 / ARC 855N	ARC 858	ARC S1HB / ARC PW	ARC S2	ARC SD4 i	ARC S1 PW HB	ARC HT-T	ARC HT-S / ARC S5	ARC S4+	ARC S7 / ARC S7 AR	ARC BX1	ARC I BX1	ARC I BX1 RC	ARC BX2	ARC BX5	ARC MX1	ARC MX2	ARC MX FG / ARC S3	ARC T7 AR
A	Acetic Acid (Glacial) [CH3COOH]	4	4	4	4	4	4	4	4	4	4	4	4	1	4	4	4	4	4	4	4	4	1
	Acetic Acid (glacial) CH3COOH @ 50°C	4	4	4	4	4	4	4	4	4	NT	NT	4	1*	4	4	4	4	4	4	4	4	1*
	Acetic Acid (10%) [CH3COOH]	4	4	4	4	4	4	4	4	4	4	4	2	1	4	4	4	4	4	4	4	4	1
	Acetic Acid (5%) [CH3COOH]	3	4	3	3	3	4	3	3	4	4	3	1	1	3	4	4	3	3	3	3	4	1
	Acetone [CH3COCH3]	4	4	4	4	4	4	4	4	4	4	4	3	2	4	4	4	4	4	4	4	4	2
	Acetylene [C2H2]	2	NT	2	2	2	3	2	2	1	2	2	1	1	2	2	2	2	3	2	2	2	1
	Aluminum Chloride (dry) [AlCl3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Aluminum Sulfate (alum, dry) [Al2(SO4)3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Ammonia Anhydrous [NH3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Ammonium Bicarbonate (dry) [NH4HCO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Ammonium Carbonate (dry) [(NH4)2CO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Ammonium Chloride (dry) [NH4Cl]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Ammonium Hydroxide (28%) [NH4OH]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Ammonium Monophosphate [(NH4)H2PO4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Ammonium Nitrate (dry) [NH4NO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Ammonium Sulfate (dry) [(NH4)2SO4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Aqua Regia [(HNO3)/3(HCl)]	4	NT	4	4	4	4	4	4	4	4	4	2	1	4	4	4	4	4	4	4	4	1
	Aviation Fuel	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
B	Barium Carbonate (dry) [BaCO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Barium Chloride (dry) [BaCl2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Barium Hydroxide (dry) [Ba(OH)2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Barium Sulfate (dry) [BaSO4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Beer	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Beet Sugar [C12H22O11]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Benzene [C6H6]	4	NT	4	2	2	4	2	2	4	4	4	4	1	3	4	4	3	3	3	3	3	1
	Biodiesel - B100	2	NT	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Black Liquor	1	NT	2	1	1	1	1	1	1	2	1	1	1	2	3	3	2	1	1	2	2	1
	Brine	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Bunker C	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Butane [C4H10]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Butylene [C4H8]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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* Post Cure

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		ARC 5	ARC 5ES	ARC 10	ARC 855 / ARC 855N	ARC 858	ARC S1HB / ARC PW	ARC S2	ARC SD4 i	ARC S1 PW HB	ARC HT-T	ARC HT-S / ARC S5	ARC S4+	ARC S7 / ARC S7 AR	ARC BX1	ARC I BX1	ARC I BX1 RC	ARC BX2	ARC BX5	ARC MX1	ARC MX2	ARC MX FG / ARC S3	ARC T7 AR
C	Calcium Bisulfite (dry) [Ca(HSO3)2]	2	NT	2	2	2	3	2	2	3	2	2	1	1	2	1	1	2	2	2	2	2	1
	Calcium Carbonate (dry) [CaCO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Calcium Chloride (dry) [CaCl2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Calcium Hydroxide (dry) [Ca(OH)2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Calcium Sulfate (dry) [CaSO4]	2	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Cane Sugar [C12H22O11]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Carbon Dioxide (dry) [CO2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Carbon Monoxide (dry) [CO]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Carbonic Acid (dry) [H2CO3]	1	4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Chlorine Dioxide (12%) [ClO2]	3	NT	3	3	3	3	3	3	3	3	3	2	1	3	4	4	3	3	3	3	3	1
	Chrome Alum [KCr(SO4)2.12H2O]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Chromic Acid (20%) [H2Cr2O7]	4	4	4	4	4	4	4	4	4	4	4	3	2	4	4	4	4	4	4	4	4	2
	Chromic Acid (10%) [H2Cr2O7]	3	4	3	3	3	3	3	3	4	4	4	2	1	3	4	4	3	3	3	3	4	1
	Citric Acid (50%) [C6H8O7]	4	4	4	4	4	4	4	4	4	4	4	4	1	4	4	4	4	4	4	4	4	1
	Citric Acid (50%) [C6H8O7] 50°C	4	4	4	4	4	4	4	4	4	NT	NT	4	1*	4	4	4	4	4	4	4	4	1*
	Citric Acid (20%) [C6H8O7]	3	4	2	2	2	3	2	2	4	3	3	1	1	2	3	3	2	2	2	2	3	1
	Cupric Acetate (dry) [Cu(C2H3O2)2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
	Cuprous Chloride (dry) [CuCl]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Cupric Nitrate (dry) [Cu(NO3)2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Cupric Sulfate (dry) [CuSO4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Cyclohexane @ 50°C	NT	NT	NT	NT	NT	NT	NT	NT	NT	4	NT	NT	1*	NT	NT	NT	NT	NT	NT	NT	NT	1*
D	Deionized Water [H2O]	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Deionized Water (H2O) @ 85°C	NT	NT	NT	NT	NT	NT	NT	NT	4	1	NT	NT	1*	NT	NT	NT	NT	NT	NT	NT	NT	1*
	Dibutyl Adipate (dry) [C14H26O4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Dibutyl Phthalate (dry) [C16H22O4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Dibutyl Sebacate (dry) [C18H34O4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Diethanolamine [C4H11O2N]	2	NT	2	2	2	3	2	2	3	3	2	1	2	2	3	3	2	2	2	2	2	2
	Diethylamine [C4H11N]	2	NT	2	2	2	3	2	2	3	2	2	1	2	2	3	3	2	2	2	2	2	2
	Diesel Fuel	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Dioctyl Phthalate (dry) [C24H40O4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Dioctyl Sebacate (dry) [C26H52O4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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E	Epsom Salt [MgSO4.7H2O]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Ethane [C2H6]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Ethanol [CH3CH2OH]	3	NT	3	3	3	3	3	3	3	2	1	2	1	3	4	4	3	3	3	3	3	1
	Ethylene Chloride [CH3CH2Cl]	4	NT	4	4	4	4	4	4	4	4	4	3	2	4	4	4	4	4	4	4	4	4
	Ethylene Dichloride [ClCH2CH2Cl]	4	NT	4	4	4	4	4	4	4	4	4	3	2	4	4	4	4	4	4	4	4	4
	Ethylene Glycol [HOCH2CH2OH]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Ethylene Oxide [C2H4O]	4	NT	4	4	4	4	4	4	4	4	4	3	2	4	4	4	4	4	4	4	4	2
F	Ferric Chloride (dry) [FeCl3]	1	NT	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1
	Ferric Chloride (50%) [FeCl3]	2	NT	3	2	2	2	2	2	2	2	2	1	1	2	3	3	2	2	2	2	2	1
	Ferric Nitrate [Fe(NO3)3]	1	NT	1	1	1	2	1	1	2	2	2	1	1	1	2	2	1	2	1	1	1	1
	Ferric Sulfate [Fe2(SO4)3]	1	NT	1	1	1	2	1	1	2	2	2	1	1	1	2	2	1	1	1	1	1	1
	Ferrous Chloride (100%, dry) [FeCl2]	2	NT	2	2	2	2	2	2	2	2	2	1	1	2	3	3	2	2	2	2	2	1
	Ferrous Nitrate (dry) [Fe(NO3)2]	1	NT	2	1	1	2	1	1	2	1	1	1	1	1	2	2	1	2	1	1	1	1
	Ferrous Sulfate (dry) [FeSO4]	1	NT	1	1	1	2	1	1	2	1	1	1	1	1	2	2	1	2	1	1	1	1
	Fluosilicic Acid (20%) [H2SiF6]	3	4	3	3	3	4	3	3	4	4	4	2	1	3	4	4	3	4	3	3	4	1
	Fluosilicic Acid (10%) [H2SiF6]	2	4	2	2	2	3	2	2	4	3	3	1	1	2	3	3	2	3	2	2	3	1
	Formaldehyde (35%) [CH2O]	1	NT	2	1	1	2	1	1	2	1	1	1	1	1	2	2	1	2	1	1	1	1
	Formic Acid (50%) [CH2O2]	4	4	4	4	4	4	4	4	4	4	4	4	1	4	4	4	4	4	4	4	4	1
	Formic Acid (10%) [CH2O2]	4	4	4	4	4	4	4	4	4	4	4	3	1	4	4	4	4	4	4	4	4	1
G	Gasoline [C7H16/C10H22]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Glucose [C6H12O6]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Green/White Liquor	1	NT	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
H	Heptane [C7H16]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Hexane [C6H14]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Hydrochloric Acid (37%) [HCl]	4	4	4	3	3	3	3	3	4	4	4	1	1	3	4	4	3	2	4	3	4	1
	Hydrochloric Acid 37% @ 50°C	–	4	–	NT	–	–	–	–	4	4	4	–	2	–	NT	NT	–	–	–	–	NT	2
	Hydrochloric Acid (10%) [HCl]	2	4	1	1	1	1	1	1	2	2	1	1	1	1	2	2	1	1	1	1	2	1
	Hydrofluoric Acid 20% @ 25°C	NT	4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1*	NT	NT	NT	NT	NT	NT	NT	NT	1*
	Hydrofluoric Acid (10%) [HF] @ 50°C	NT	4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1*	NT	NT	NT	NT	NT	NT	NT	NT	1*
	Hydrofluoric Acid (10%) [HF]	2	4	3	2	2	3	2	2	4	3	3	1	1	2	3	3	2	3	2	2	3	1
	Hydrogen Peroxide (50%) [H2O2]	4	4	4	4	4	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	2

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H	Hydrogen Peroxide (10%) [H2O2]	4	4	4	4	4	4	4	4	4	4	4	3	1	4	4	4	4	4	4	4	4	1
	Hydrogen Peroxide (3%) [H2O2]	3	4	3	2	2	3	2	2	3	3	3	1	1	2	3	3	2	3	2	2	2	1
	Hydrogen Peroxide (3%) [H2O2] 50°C	NT	NT	NT	NT	NT	NT	NT	NT	NT	4	4	NT	1*	NT	3	3	NT	NT	NT	NT	NT	1*
	Hydrogen Sulfide (wet) [H2S]	1	NT	2	1	1	2	1	1	2	2	2	1	1	2	3	3	2	2	1	2	2	1
I	Iso-Octane [C8H18]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Isopropyl Alcohol [C3H8O]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
J	Jet Fuel (JP-5)	1	NT	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
K	Kerosene	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
L	Lactic Acid (10%) [C3H6O3]	2	4	3	2	2	3	2	2	4	3	3	1	1	3	4	4	3	3	3	3	4	1
	Lactic Acid (85%) [C3H6O3] @ 85°C	NT	4	NT	NT	NT	NT	NT	NT	NT	4	4	NT	1*	NT	NT	NT	NT	NT	NT	NT	NT	1*
	Lead Acetate [Pb(CH3COO)2]	1	NT	1	1	1	2	1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1
	Lime Water [Ca(OH)2/H2O]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
M	Magnesium Bisulfate (dry) [Mg(HSO4)2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Magnesium Chloride (dry) [MgCl2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Magnesium Sulfate (dry) [MgSO4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Maleic Acid (30%) [C4H4O4]	2	NT	2	2	2	2	2	2	3	2	2	1	1	2	3	3	2	2	2	2	3	1
	Mercuric Chloride (dry) [HgCl2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Mercury [Hg]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Methane [CH4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Methanol [CH3OH]	4	NT	4	4	4	4	4	4	4	4	4	3	1	4	4	4	4	4	4	4	4	1
	Methylamine [CH3NH2]	2	NT	2	2	2	3	2	2	3	3	3	1	2	2	3	3	2	2	2	2	2	2
	MEK [C4H8O]	4	NT	4	4	4	4	4	4	4	4	4	4	1	4	4	4	4	4	4	4	4	1
	Methylene Chloride [CH2Cl2]	4	NT	4	4	4	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	2
	MIBK [C6H12O]	2	NT	3	1	1	1	1	1	1	1	1	2	1	1	2	2	1	2	1	1	1	1
	Mineral Spirits	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Monoethanolamine [H2NCH2CH2OH]	3	NT	3	3	3	3	3	3	3	3	3	2	2	3	4	4	3	3	3	3	3	2
	MTBE	2	NT	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
N	Naphtha	2	NT	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Nickel Ammonium Sulfate (dry) [NiNH4SO4]	1	NT	1	1	1	2	1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1
	Nickel Chloride (dry) [NiCl2]	1	NT	1	1	1	2	1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1
	Nickel Nitrate (dry) [Ni(NO3)2]	1	NT	1	1	1	2	1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1

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N	Nickel Sulfate (dry) [NiSO4]	2	NT	2	2	2	3	2	2	3	3	2	1	1	2	3	3	2	2	2	2	2	1
	Nitric Acid 70% @ 22°C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Nitric Acid (40%) [HNO3]	4	4	4	4	4	4	4	4	4	4	4	3	1	4	4	4	4	4	4	4	4	1
	Nitric Acid (40%) [HNO3] @ 50°C	NT	4	NT	NT	NT	NT	NT	NT	NT	4	4	NT	1*	NT	NT	NT	NT	NT	NT	NT	NT	1*
	Nitric Acid (40%) HNO3 @ 50°CAmbient Cure	NT	4	NT	NT	NT	NT	NT	NT	NT	4	4	NT	2	NT	4	4	NT	NT	NT	NT	NT	2
	Nitric Acid (20%) [HNO3]	4	4	4	3	3	4	3	3	4	4	4	2	1	3	4	4	3	4	3	3	4	1
	Nitric Acid (10%) [HNO3]	4	4	4	2	2	4	2	2	4	4	4	1	1	2	3	3	2	3	3	2	3	1
	Nitrogen [N2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nitrous Oxide [NO]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
O	Oleic Acid [C18H34O2]	2	4	3	2	2	3	2	2	4	3	2	1	1	2	3	3	2	2	2	2	3	1
	Oleic Acid [C18H34O2] 50°C	NT	4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1*	NT	NT	NT	NT	NT	NT	NT	NT	1*
	Ozone (0.5 ppm) [O3]	3	NT	4	3	3	3	3	3	3	3	3	2	1	3	4	4	3	3	3	3	3	1
	Oleum [fuming H2SO4]	4	4	4	4	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	4
P	Palmitic Acid [CH3(CH2)14COOH]	3	4	4	3	3	4	3	3	4	4	4	2	1	3	4	4	3	3	3	3	4	1
	Paraffin Wax	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Pentane [C5H12]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Phenol (Carbolic Acid) [C6H6O]	4	4	4	4	4	4	4	4	4	4	4	3	2	4	4	4	4	4	4	4	4	2
	Phosphoric Acid (85%) [H3PO4]	4	4	3	3	3	4	3	3	4	4	4	2	1	3	4	4	3	4	3	3	4	1
	Phosphoric Acid (85%) H3PO4 @ 85°C	NT	4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1*	NT	NT	NT	NT	NT	NT	NT	NT	1*
	Phosphoric Acid (50%) [H3PO4]	4	4	3	3	3	4	3	3	4	4	4	1	1	3	4	4	3	4	3	3	4	1
	Phosphoric Acid (30%) [H3PO4]	4	4	3	3	3	4	3	3	4	4	4	1	1	3	4	4	3	4	3	3	4	1
	Phosphoric Acid (10%) [H3PO4]	2	4	2	1	1	1	1	1	2	4	4	1	1	2	3	3	2	3	2	2	3	1
	Pickle Brine (2 – 4% Acetic Acid)	4	NT	3	3	3	4	3	3	4	4	4	1	1	3	4	4	3	3	3	3	4	1
	Potash Alum (dry) [AlK08S2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Potassium Bicarbonate (dry) [KHCO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Potassium Bisulfate (dry) [KHSO4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Potassium Bromide (30%) [KBr]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Potassium Carbonate (50%) [K2CO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Potassium Chloride (30%) [KCl]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Potassium Cyanide (dry) [KCN]	2	NT	2	2	2	2	2	2	2	2	2	1	1	2	3	3	2	2	2	2	2	1
	Potassium Dichromate (dry) [K2Cr2O7]	2	NT	2	2	2	2	2	2	2	2	2	1	1	2	3	3	2	2	2	2	2	1

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P	Potassium Phosphate Dibasic (dry) [K2HPO4]	3	NT	2	2	2	3	2	2	3	2	2	1	1	2	3	3	2	2	2	2	2	1
	Potassium Ferricyanide (dry) [K3Fe(CN)6]	2	NT	1	1	1	2	1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1
	Potassium Ferrocyanide (dry) [K4Fe(CN)6]	1	NT	1	1	1	2	1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1
	Potassium Hydroxide (50%) [KOH]	1	NT	1	1	1	2	1	1	2	2	1	1	1	1	2	2	1	1	1	1	1	1
	Potassium Hydroxide (10%) [KOH]	1	NT	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1
	Potassium Iodide [KI]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Potassium Nitrate (dry) [KNO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Potassium Permanganate [KMnO4]	3	NT	2	2	2	3	2	2	3	3	3	1	1	2	3	3	2	2	2	2	2	1
	Propane [C3H8]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Propylene Oxide [C3H6O]	4	NT	3	3	3	3	3	3	3	3	3	2	2	3	4	4	3	3	3	3	3	2
S	Salt Water [NaCl+H2O+minerals]	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sewage	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Silicone Oil	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Silver Nitrate [AgNO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Skydrol [aircraft hydraulic fluid]	1	NT	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Sodium Acetate [CH3COONa]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Aluminate [AlNaO2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Bicarbonate [NaHCO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Bisulfate [NaHSO4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Bisulfite [Na2S2O5]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Borate [Na2B4O7]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Bromide [NaBr]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Carbonate [Na2CO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Chlorate (dry) [NaClO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Chloride (dry) [NaCl]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Chromate [Na2CrO4]	2	NT	2	2	2	2	2	2	2	2	2	1	1	2	3	3	2	2	2	2	2	1
	Sodium Cyanide (dry) [NaCN]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Fluoride (dry) [NaF]	1	NT	1	1	1	2	1	1	2	1	1	1	1	1	2	2	1	2	1	1	1	1
	Sodium Hydroxide (50%) [NaOH]	1	NT	1	1	1	2	1	1	2	2	1	1	1	1	2	2	1	1	1	1	1	1
	Sodium Hydroxide (10%) [NaOH]	1	NT	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1
	Sodium Hypochlorite (15%) [NaClO]	4	NT	4	4	4	4	4	4	4	4	4	3	2	4	4	4	4	4	4	4	4	2

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S	Sodium Hypochlorite (6%) [NaClO]	3	NT	3	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Sodium Metaphosphate (dry) [(NaPO3)n]	2	NT	2	2	2	2	2	2	2	2	2	1	1	2	3	3	2	2	2	2	2	1
	Sodium Metasilicate (dry) [Na2SiO3]	2	NT	2	2	2	2	2	2	2	2	2	1	1	2	3	3	2	2	2	2	2	1
	Sodium Nitrate (dry) [NaNO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Phosphate Acid [NaH2PO4]	2	NT	2	2	2	2	2	2	2	3	2	1	1	2	3	3	2	2	2	2	3	1
	Sodium Silicate (dry) [Na2SiO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Sulfate (dry) [Na2SO4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sodium Sulfite (dry) [Na2SO3]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Stannic Chloride (dry) [SnCl4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Starch [C6H12O6]n	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sulfuric Acid (98%) [H2SO4]	4	4	3	3	3	4	3	3	4	4	4	1	4	3	4	4	3	4	3	3	4	4
	Sulfuric Acid (70%) [H2SO4]	4	4	3	3	3	4	3	3	4	4	4	1	1	3	4	4	3	4	3	3	4	1
	Sulfuric Acid (70%) H2SO4 @ 85°C	NT	4	NT	NT	NT	NT	NT	NT	4	NT	NT	NT	1*	NT	NT	NT	NT	NT	NT	NT	NT	1*
	Sulfuric Acid (30%) [H2SO4]	3	4	3	1	1	1	1	1	2	2	1	1	1	2	3	3	2	3	2	2	3	1
	Sulfuric Acid (10%) [H2SO4]	3	4	1	1	1	1	1	1	2	1	1	1	1	1	2	2	1	1	1	1	2	1
	Sulfur Dioxide [SO2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
T	Tar	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Tall Oil @ 50°C	NT	4	NT	1	1	1	1	1	NT	NT	NT	1	1*	NT	NT	NT	NT	NT	NT	NT	NT	1*
	Toluene [C7H8]	4	NT	4	4	4	4	4	4	4	4	4	4	1	2	4	4	2	2	2	2	2	1
	Transformer Oil	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Turpentine [C10H16]	1	NT	1	1	1	2	1	1	2	1	1	1	1	1	2	2	1	2	1	1	1	1
U	Urea (dry) [H2NCONH2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Urea (30%) [H2NCONH2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
V	Vinegar (4 – 8% Acetic Acid)	3	4	3	3	3	4	3	3	4	4	3	1	1	3	4	4	3	3	3	3	4	1
X	Xylene [C6H4(CH3)2] Ambient	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
	Xylene [C6H4(CH3)2] @ 50°C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1*	NT	NT	NT	NT	NT	NT	NT	NT	1*
Z	Zinc Chloride (dry) [ZnCl2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Zinc Hydrosulfite (dry) [Zn(HSO3)2]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Zinc Sulfate (dry) [ZnSO4]	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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