



ARC Chemical Resistance Chart for Metals

Ambient temperature and maximum concentration apply, unless otherwise noted.



	S1	S1HB	S2	S4+	982	SD4I	FCS 600	5	10	855	858	890	BX1	897	BX2	MX1/MXC	MX2	MX5	S7	IBX1	Notes
Acetic Acid (Glacial) [CH3COOH]	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	4	
Acetic Acid (glacial) CH3COOH @ 50C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	4	Post Cure
Acetic Acid (10%) [CH3COOH]	4	4	4	2	2	4	2	4	4	4	4	4	4	4	4	4	4	4	1	4	
Acetic Acid (5%) [CH3COOH]	4	4	3	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	1	4	
Acetone [CH3COCH3]	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	1	4	
Acetylene [C2H2]	3	3	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	1	2	
Aluminum Chloride (dry) [AlCl3]	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Ammonia Anhydrous [NH3]	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	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Ammonium Chloride (dry) [NH4Cl]	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Ammonium Monophosphate [(NH4)H2PO4]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Ammonium Nitrate (dry) [NH4NO3]	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	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	4	4	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	1	4	
Aviation Fuel	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Barium Carbonate (dry) [BaCO3]	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	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Barium Sulfate (dry) [BaSO4]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Beer	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Beet Sugar [C12H22O11]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Benzene [C6H6]	4	4	2	4	4	2	4	4	4	2	3	3	3	3	3	3	3	3	1	4	
Biodiesel - B100	1	1	1	1	1	1	n/t	2	2	1	1	1	1	1	1	1	1	1	1	1	2
Black Liquor	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	1	2	1	1	3	
Brine	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Bunker C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Butane [C4H10]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Butylene [C4H8]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Calcium Bisulfite (dry) [Ca(HSO3)2]	3	3	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	
Calcium Carbonate (dry) [CaCO3]	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

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Calcium Hydroxide (dry) [Ca(OH)2]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Calcium Sulfate (dry) [CaSO4]	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Cane Sugar [C12H22O11]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Carbon Dioxide (dry) [CO2]	1	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	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Chlorine Dioxide (12%) [ClO2]	3	3	3	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	1	4	
Chrome Alum [KCr(SO4)2.12H2O]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Chromic Acid (20%) [H2Cr2O7]	4	4	4	3	3	4	2	4	4	4	4	4	4	4	4	4	4	4	4	2	4	
Chromic Acid (10%) [H2Cr2O7]	3	3	3	2	2	3	1	3	3	3	3	3	3	3	3	3	3	3	3	1	4	
Citric Acid (50%) [C6H8O7]	4	4	4	4	4	4	1	4	4	4	4	4	4	4	4	4	4	4	4	1	4	
Citric Acid (50%) [C6H8O7] 50C	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	1	4	
Citric Acid (20%) [C6H8O7]	3	3	2	1	1	2	1	3	2	2	2	2	2	2	2	2	2	2	2	1	3	
Cupric Acetate (dry) [Cu(C2H3O2)2]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Cuprous Chloride (dry) [CuCl]	1	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	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Cyclohexane @ 50C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	NT	
Deionized Water [H2O]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Deionized Water (H2O) @ 85C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	NT	
Dibutyl Adipate (dry) [C14H26O4]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Dibutyl Phthalate (dry) [C16H22O4]	1	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Diethanolamine [C4H11O2N]	3	3	2	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
Diethylamine [C4H11N]	3	3	2	1	1	2	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3	
Diesel Fuel	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Diethyl Phthalate (dry) [C24H40O4]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Diethyl Sebacate (dry) [C26H52O4]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Epsom Salt [MgSO4.7H2O]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Ethane [C2H6]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Ethanol [CH3CH2OH]	3	3	3	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	1	4	
Ethylene Chloride [CH3CH2Cl]	4	4	4	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	4	2	4	
Ethylene Dichloride [ClCH2CH2Cl]	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	4	
Ethylene Glycol [HOCH2CH2OH]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	

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Ethylene Oxide [C2H4O]	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	2	4	
Ferric Chloride (dry) [FeCl3]	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	
Ferric Chloride (50%) [FeCl3]	2	2	2	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	1	3	
Ferric Nitrate [Fe(NO3)3]	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	
Ferric Sulfate [Fe2(SO4)3]	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Ferrous Chloride (100%,dry) [FeCl2]	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	3	
Ferrous Nitrate (dry) [Fe(NO3)2]	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	2	
Ferrous Sulfate (dry) [FeSO4]	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	
Fluosilicic Acid (20%) [H2SiF6]	4	4	3	2	2	3	1	3	3	3	3	3	3	3	3	3	3	4	1	4	
Fluosilicic Acid (10%) [H2SiF6]	3	3	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	3	1	3	
Formaldehyde (35%) [CH2O]	2	2	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	2	1	2	
Formic Acid (50%) [CH2O2]	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	4	4	1	4	
Formic Acid (10%) [CH2O2]	4	4	4	3	3	4	1	4	4	4	4	4	4	4	4	4	4	4	1	4	
Gasoline [C7H16/C10H22]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Glucose [C6H12O6]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Green/White Liquor	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	
Heptane [C7H16]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Hexane [C6H14]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Hydrochloric Acid (37%) [HCl]	3	3	3	1	2	3	4	4	4	3	4	3	3	3	3	4	3	2	1	4	
Hydrochloric Acid 37% @50C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	NT	
Hydrochloric Acid (10%) [HCl]	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	
Hydrofluoric Acid 20% @ 25C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	NT	Post Cure
Hydrofluoric Acid (10%) [HF] @ 50C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	NT	
Hydrofluoric Acid (10%) [HF]	3	3	2	1	1	2	2	2	3	2	2	2	2	2	2	2	2	3	1	3	
Hydrogen Peroxide (50%) [H2O2]	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	4	4	2	4	
Hydrogen Peroxide (10%) [H2O2]	4	4	4	3	4	4	1	4	4	4	4	4	4	4	4	4	4	4	1	4	
Hydrogen Peroxide (3%) [H2O2]	3	3	2	1	2	2	1	3	3	2	3	2	2	2	2	2	2	3	1	3	
Hydrogen Peroxide (3%) [H2O2] 50C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	3	
Hydrogen Sulfide (wet) [H2S]	2	2	1	1	1	1	1	1	2	1	1	2	2	2	2	1	2	2	1	3	
Iso-Octane [C8H18]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Isopropyl Alcohol [C3H8O]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	
Jet Fuel (JP-5)	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	2	
Kerosene	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Lactic Acid (10%) [C3H6O3]	3	3	2	1	2	2	1	2	3	2	2	3	3	3	3	3	3	3	1	4	

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Lactic Acid (85% [C3H6O3] @85C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	NT	
Lead Acetate [Pb(CH3COO)2]	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Lime Water [Ca(OH)2/H2O]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Magnesium Bisulfate (dry) [Mg(HSO4)2]	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Magnesium Sulfate (dry) [MgSO4]	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	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	3	
Mercuric Chloride (dry) [HgCl2]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Mercury [Hg]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Methane [CH4]	2	2	2	1	1	1	2	2	2	1	2	2	2	2	2	2	2	1	1	3	
Methanol [CH3OH]	4	4	4	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	1	4	
Methylamine [CH3NH2]	3	3	2	1	1	2	4	2	2	2	2	2	2	2	2	2	2	2	2	3	
MEK [C4H8O]	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	4	
Methylene Chloride [CH2Cl2]	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	2	4	
MIBK [C6H12O]	1	1	1	2	2	1	2	3	1	1	1	1	1	1	1	1	1	2	1	2	
Mineral Spirits	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	
Monoethanolamine [H2NCH2CH2OH]	3	3	3	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	2	4	
MTBE	1	1	1	1	1	1	NT	2	2	1	1	1	1	1	1	1	1	1	1	2	
Naphtha	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	
Nickel Ammonium Sulfate (dry) [NiNH4SO4]	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	
Nickel Chloride (dry) [NiCl2]	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Nickel Nitrate (dry) [Ni(NO3)2]	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Nickel Sulfate (dry) [NiSO4]	3	3	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	3	
Nitric Acid (40%) [HNO3]	4	4	4	3	3	4	2	4	4	4	4	4	4	4	4	4	4	4	1	4	
Nitric Acid (40%) [HNO3] @50C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	4	Post Cure
Nitric Acid (40%) HNO3 @ 50C Ambient Cure	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	4	
Nitric Acid (20%) [HNO3]	4	4	3	2	2	3	1	4	4	3	3	3	3	3	3	3	3	4	1	4	
Nitric Acid (10%) [HNO3]	4	4	2	1	1	2	1	4	4	2	3	2	2	2	2	3	2	3	1	3	
Nitrogen [N2]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Nitrous Oxide [NO]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Oleic Acid [C18H34O2]	3	3	2	1	1	2	1	2	3	2	2	2	2	2	2	2	2	2	1	3	
Oleic Acid [C18H34O2] 50C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	NT	
Ozone (0.5 ppm) [O3]	3	3	3	2	2	3	2	3	4	3	3	3	3	3	3	3	3	3	1	4	
Oleum [fuming H2SO4]	4	4	4	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	1	4	

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	S1	S1HB	S2	S4+	982	SD4I	FCS 600	5	10	855	858	890	BX1	897	BX2	MX1/MXC	MX2	MX5	S7	IBX1	Notes
Palmitic Acid [CH ₃ (CH ₂) ₁₄ COOH]	4	4	3	2	2	3	2	3	4	3	3	3	3	3	3	3	3	3	1	4	
Paraffin wax	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Pentane [C ₅ H ₁₂]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Phenol (Carbolic Acid) [C ₆ H ₆ O]	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	2	4	
Phosphoric Acid (85%) [H ₃ PO ₄]	4	4	3	2	2	3	2	4	3	3	3	3	3	3	3	3	3	3	4	1	4
Phosphoric Acid (85%) H₃PO₄ @85C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	4	
Phosphoric Acid (50%) [H ₃ PO ₄]	4	4	3	1	1	3	1	4	3	3	3	3	3	3	3	3	3	4	1	4	
Phosphoric Acid (30%) [H ₃ PO ₄]	4	4	3	1	1	3	1	4	3	3	3	3	3	3	3	3	3	4	1	4	
Phosphoric Acid (10%) [H ₃ PO ₄]	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	3	1	3	
Pickle Brine (2-4% Acetic Acid)	4	4	3	1	1	3	1	4	3	3	3	3	3	3	3	3	3	3	1	4	
Potash Alum (dry) [AlK ₂ O ₈ S ₂]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Potassium Bicarbonate (dry) [KHCO ₃]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Potassium Bisulfate (dry) [KHSO ₄]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Potassium Bromide (30%) [KBr]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Potassium Carbonate (50%) [K ₂ CO ₃]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Potassium Chloride (30%) [KCl]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Potassium Cyanide (dry) [KCN]	2	2	2	1	1	2	4	2	2	2	2	2	2	2	2	2	2	2	1	3	
Potassium Dichromate (dry) [K ₂ Cr ₂ O ₇]	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	3	
Potassium Phosphate Dibasic (dry) [K ₂ HPO ₄]	3	3	2	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	1	3	
Potassium Ferricyanide (dry) [K ₃ Fe(CN) ₆]	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	
Potassium Ferrocyanide (dry) [K ₄ Fe(CN) ₆]	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	
Potassium Hydroxide (50%) [KOH]	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Potassium Hydroxide (10%) [KOH]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Potassium Iodide [KI]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Potassium Nitrate (dry) [KNO ₃]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Potassium Permanganate [KMnO ₄]	3	3	2	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	1	3	
Propane [C ₃ H ₈]	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Propylene Oxide [C ₃ H ₆ O]	3	3	3	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	2	4	
Salt Water [NaCl+H ₂ O+minerals]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sewage	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Silicone Oil	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Silver Nitrate [AgNO ₃]	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	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	2	
Sodium Acetate [CH ₃ COONa]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

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Sodium Aluminate [AlNaO2]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sodium Bicarbonate [NaHCO3]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sodium Bisulfate [NaHSO4]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sodium Bisulfite [Na2S2O5]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sodium Borate [Na2B4O7]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sodium Bromide [NaBr]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sodium Carbonate [Na2CO3]	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sodium Chloride (dry) [NaCl]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sodium Chromate [Na2CrO4]	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	3	
Sodium Cyanide (dry) [NaCN]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sodium Fluoride (dry) [NaF]	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	
Sodium Hydroxide (50%) [NaOH]	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Sodium Hydroxide (10%) [NaOH]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Sodium Hypochlorite (15%) [NaClO]	4	4	4	3	3	4	2	4	4	4	4	4	4	4	4	4	4	4	2	4	
Sodium Hypochlorite (6%) [NaClO]	1	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	2	
Sodium Hypochlorite (6%) [NaClO] 50C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	NT	
Sodium Metaphosphate (dry) [(NaPO3)n]	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	3	
Sodium Metasilicate (dry) [Na2SiO3]	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	3	
Sodium Nitrate (dry) [NaNO3]	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	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	3	
Sodium Silicate (dry) [Na2SiO3]	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	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sodium Sulfite (dry) [Na2SO3]	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Starch [C6H12O6]n	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	1	1	3	4	4	3	3	3	3	3	3	3	3	3	4	4	4	
Sulfuric Acid (70%) [H2SO4]	4	4	3	1	1	3	2	4	3	3	3	3	3	3	3	3	3	4	1	4	
Sulfuric Acid(70%) H@SO4 @85C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	NT	
Sulfuric Acid (30%) [H2SO4]	1	1	1	1	1	1	1	3	3	1	2	2	2	2	2	2	2	3	1	3	
Sulfuric Acid (10%) [H2SO4]	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	2	
Sulfur Dioxide [SO2]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Tar	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Tall oil @50C	1	1	1	1	1	1	1	NT	NT	1	1	NT	NT	NT	NT	NT	NT	NT	1	NT	

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Toluene [C7H8]	4	4	1	4	4	1	4	4	4	1	2	2	2	2	2	2	2	2	1	4		
Transformer Oil	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Turpentine [C10H16]	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	2		
Urea (dry) [H2NCONH2]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Urea (30%) [H2NCONH2]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Vinegar (4-8% Acetic Acid)	4	4	3	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	1	4		
Xylene [C6H4(CH3)2] Ambient	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	2		
Xylene [C6H4(CH3)2] @50C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	NT		
Zinc Chloride (dry) [ZnCl2]	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	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1		
Zinc Sulfate (dry) [ZnSO4]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		

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