

<b>LEGEND</b>	<b>O = OK For Indicated Service</b>	<b>R = "R" System Permissible with Steel Piping.</b>	<b>[ ] = Ascroft Material Code</b>
	<b>L = OK for Lower Housing Only</b>	<b>☉ = Halocarbon Fill</b>	<b>&gt; = Greater Than</b>
	<b>X = Unsuitable or Insufficient Information</b>	<b>Goto Halocarbon</b>	<b>&lt; = Less Than</b>

Corrodent	Common Names & Formulas	Corrodent Temp. °F MAX	Concentration % in H2O	METALS														PLASTICS				ELASTOMERS						
				403/410 SS [SE]	Carbon Steel [B]	304 SS [C]	316 SS [S], [SL]	Carp. 20 Cb 3 [D]	Phos. Bronze [A]	Brass [AA]	Monel [P OR M]	Nickel [N]	Inconel 600, 718 [W], [WW]	Hastelloy B2 [G]	Hastelloy C276 [H]	Tantalum [U]	Titanium [T] (<160°F)	"R" Systems	PVC (-40/140°F) [V]	Kynar (PVDF) (180°F) [KY]	Halar (ECTFE) (250°F)	Teflon (TFE) (400°F) [T]	Neoprene (CR) (140°F)	Viton (FKM) (300°F) [Y]	Buna "N" (NBR) (150°F)	Kalrez 2037 (200°F) [K]		
ACETIC ACID		200	<40	X	X	X	O	O	X	X	X	X	X	X	X	X	O	O	O	X	X	O	O	X	X	X	O	
ACETIC ANHYDRIDE		200	-	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	O	X	X	X	O	X	X	X	O	
ACETONE		150	-	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	X	X	X	O	X	X	X	O
ACETYLENE, DRY (Explosive in Cu)		200	100	O	O	O	O	O	X	X	X	O	O	O	O	O	O	O	O	O	X	X	X	O	X	X	X	O
ACROLEIN		200	100	X	X	L	L	L	X	X	L	L	L	L	L	L	O	O	X	X	X	O	X	X	X	O		
ALUMINUM CHLORIDE	AlCl <sub>3</sub>	150	-	X	X	X	X	X	X	X	X	X	X	X	X	O	X	X	X	X	L	O	O	O	O	O	O	
ALUMINUM SULFATE	Alum. Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	150	< 50	X	X	L	L	L	X	X	X	X	X	X	O	O	O	O	X	L	O	O	O	O	O	O		
Ammonia Anhydrous (Wet, see Ammonium Hydroxide)	DOT Quality NH <sub>3</sub>	300	100	O	O	O	O	O	X	X	X	X	X	X	L	L	X	X	O	X	X	O	X	X	X	X		
AMMONIUM CHLORIDE	Sal Ammoniac NH <sub>4</sub> Cl	200	<40	X	X	X	X	X	X	X	X	X	X	X	X	O	O	O	X	X	O	O	O	O	O	X		
AMMONIUM HYDROXIDE	Ammonia Water NH <sub>3</sub> in Water	120	<30	X	X	L	O	L	X	X	X	X	X	X	L	L	X	O	X	O	O	O	O	O	O	O		
AMMONIUM NITRATE ☉	Norway Saltpeter NH <sub>4</sub> NO <sub>3</sub>	200	<50	L	X	O	O	O	X	X	X	X	X	X	X	L	O	O	O	O	O	X	O	O	O	O		
AMMONIUM SULFATE	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	200	<60	X	X	X	L	L	X	X	X	L	X	X	L	O	O	O	X	O	O	O	O	O	O			
AMYL ACETATE		250	-	X	L	O	O	O	X	X	X	X	X	X	O	O	O	O	O	X	X	X	O	X	X	X	O	
ANILINE		200	>99	X	X	O	O	O	X	X	L	L	L	X	X	O	O	O	X	X	X	O	X	X	X	O		
BEER		200	-	X	X	O	O	O	X	X	X	X	X	X	X	X	X	X	X	O	O	X	O	O	X	X		
BENZENE	C <sub>6</sub> H <sub>6</sub>	200	<50	L	L	O	O	O	O	L	O	O	O	X	X	O	O	O	O	X	X	X	O	X	X	X	O	

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Size to Fit Monitor

Corrodent	Common Names & Formulas	Corrodent Temp. °F MAX	Concentration % in H2O	METALS																	PLASTICS				ELASTOMERS													
				403/410 SS [SE]	Carbon Steel [B]	304 SS [C]	316 SS [S], [SL]	Carp. 20 Cb 3 [D]	Phos. Bronze [A]	Brass [AA]	Monel [P OR M]	Nickel [N]	Inconel 600, 718 [W], [WW]	Hastelloy B2 [G]	Hastelloy C276 [H]	Tantalum [U]	Titanium [TI] (<160 °F)	"R" Systems	PVC (-40/140°F) [V]	Kynar (PVDF) (180°F) [KY]	Halar (ECTFE) (250°F)	Teflon (TFE) (400°F) [T]	Neoprene (CR) (140°F)	Viton (FKM) (300°F) [Y]	Buna "N" (NBR) (150°F)	Kalrez 2037 (200°F) [K]												
BENZIDINE		200	>99	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	
BENZOIC ACID		200	<70	L	X	L	L	L	X	X	L	L	X	O	O	O	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
BLACK LIQUOR		200	-	X	X	X	X	L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
BORIC ACID	H <sub>3</sub> BO <sub>4</sub>		<25	X	X	O	O	O	L	L	L	L	L	L	O	O	O	O	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
BROMINE, DRY (< 57 PPM H <sub>2</sub> O)	Br	140	>99*	X	X	X	X	X	X	X	L	L	O	L	L	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BROMOBENZENE		200	>99	X	X	O	O	O	X	X	L	L	L	L	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
BUTADIENE (BUTYLENE)		200	>99	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
BUTANE	C <sub>4</sub> H <sub>10</sub>	200	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
BUTYL ALCOHOL	Butanol	200	-	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
BUTYRIC ACID		200	<10	X	X	L	L	L	X	X	X	X	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
CALCIUM BISULFITE	Ca(HSO <sub>3</sub> ) <sub>2</sub>	250	>90	X	X	X	O	X	X	X	X	X	X	X	X	X	X	X	X	X	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CALCIUM CHLORIDE	CaCl <sub>2</sub>	200	<80	X	X	X	X	X	X	X	X	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
CALCIUM HYDROXIDE	Slaked Lime Ca(OH) <sub>2</sub>	200	<50	X	X	X	L	X	X	X	X	X	X	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
CALCIUM Hypochlorite	Ca(OCl) <sub>2</sub>	75<	<10	X	X	X	X	X	X	X	X	X	X	X	X	L	O	O	O	O	O	O	O	O	O	O	O	O	X	X	X	X	X	X	X	X	X	
CARBON DIOXIDE, WET	CO <sub>2</sub>	150	>50 ppm	X	X	O	O	O	X	X	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
CARBON MONOXIDE	CO	200	>99	O	O	O	O	O	O	O	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
CHLORINATED WATER (<10ppm Chlorine)		70	<10 ppm	X	X	O	O	O	O	O	O	X	X	L	O	O	O	O	O	O	O	O	O	O	O	O	O	O	X	X	X	X	X	X	X	X	X	
CHLORINATED WATER (To Saturation)		120	-	X	X	X	X	O	X	X	X	X	X	L	O	O	O	O	O	O	O	O	O	O	O	O	O	X	X	X	X	X	X	X	X	X	X	

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				403/410 SS [SE]	Carbon Steel [B]	304 SS [C]	316 SS [S], [SL]	Carp. 20 Cb 3 [D]	Phos. Bronze [A]	Brass [AA]	Monel [PORM]	Nickel [N]	Inconel 600, 718 [W], [WW]	Hastelloy B2 [G]	Hastelloy C276 [H]	Tantalum [U]	Titanium [TI] (<160 °F)	"R" Systems	PVC (-40/140°F) [V]	Kynar (PVDF) (180°F) [KY]	Halar (ECTFE) (250°F)	Teflon (TFE) (400°F) [T]	Neoprene (CR) (140°F)	Viton (FKM) (300°F) [Y]	Buna "N" (NBR) (150°F)	Kalrez 2037 (200°F) [K]
<b>CHLORINE, DRY</b> ☼ (*See Page 4 in Text) (<50ppm H <sub>2</sub> O)	Cl <sub>2</sub>	200	>99	X	X	X	X	L	X	X	X	L	X	X	L	O	X*	X	X	L	X	X	X	O	X	O
<b>CHLORINE, MOIST</b> ☼		160	>90	X	X	X	X	X	X	X	X	X	X	X	L	O	X	X	X	L	X	X	X	X	X	X
<b>CHLOROACETIC ACID</b>		150	<30	X	X	X	X	X	X	X	L	X	X	L	L	O	L	X	X	X	O	X	X	X	X	O
<b>CHLOROFORM, DRY</b>	Trichloromethane CHCl <sub>3</sub>	100	>99	X	X	O	O	O	X	X	O	O	O	X	X	O	O	X	X	O	O	O	X	X	X	O
<b>CHROMIC ACID</b>	Chromium Trioxide H <sub>2</sub> CrO <sub>4</sub>	200	<30	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	O	O	O	X	O	X	O
<b>CITRIC ACID</b>		200	>10 <50	X	X	L	O	O	X	X	L	L	L	O	O	O	O	X	O	O	O	O	O	O	O	O
<b>COPPER NITRATE</b> ☼	Cupric Nitrate Cu(NO <sub>3</sub> ) <sub>2</sub>	200	<10	X	X	O	O	O	X	X	X	X	X	X	X	O	O	X	X	O	O	O	O	O	O	O
<b>COPPER SULFATE</b>	Cupric Sulfate CuSO <sub>4</sub>	200	<30	X	X	L	L	O	X	X	X	X	X	X	O	O	O	X	O	O	O	O	O	O	O	O
<b>CREOSOTE</b>	Coal-Tar	200	-	X	L	L	L	L	L	L	L	L	L	O	O	X	X	X	X	X	O	X	O	X	O	
<b>CRESOL</b>		200	>99	O	X	O	O	O	O	L	O	O	O	O	O	L	X	X	O	X	O	X	X	X	O	
<b>CRUDE OIL - Sour</b> (See Warning Pg. 4 text)		<200	<5	X	X	X	X	X	X	X	O	X	X	X	O	O	X	X	X	O	O	O	X	X	X	X
<b>CRUDE OIL - Sweet, Low Sulfur</b>		200	-	X	L	O	O	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	X	O	X	O
<b>CUPRIC CHLORIDE</b>		200	<40	X	X	X	X	X	X	X	X	X	X	X	O	O	X	O	O	O	O	O	O	O	O	
<b>DOWTHERM A</b>		300	-	O	O	O	O	O	X	O	O	O	O	O	O	O	O	O	X	X	X	O	X	X	X	O
<b>ETHYL ACETATE</b>		<200	-	X	L	O	O	O	O	O	O	O	O	O	O	O	O	O	X	X	X	O	X	X	X	O
<b>ETHYL ALCOHOL</b>	Ethanol C <sub>2</sub> H <sub>5</sub> OH	200		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
<b>ETHYL CHLORIDE, DRY</b>		<200	>99	O	O	X	X	O	O	O	O	O	O	O	O	O	O	O	X	O	O	O	X	O	O	O

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ETHYLENE GLYCOL	Glycol	200	>40	X	X	O	O	O	L	L	L	L	L	L	O	O	O	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
ETHYLENE OXIDE ☉	ETO	100	>99	X	O	O	O	O	O	O	O	O	O	O	X	X	O	X	O	X	O	X	O	X	O	X	X	O	X	X	X	X	X	X	X	X	X			
FERRIC CHLORIDE (*Viton <170°F)	FeCl <sub>3</sub>	200	<40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O		
FERRIC SULFATE (*Viton <170°F)	Fe <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	150	<10	X	X	O	O	O	X	X	X	X	X	O	X	O	O	O	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
FERROUS CHLORIDE (*Viton <170°F)	FeCl <sub>2</sub>	200	<30	X	X	X	X	X	X	X	X	X	X	X	X	L	O	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
FERROUS SULFATE (*Viton <170°F)	FeSO <sub>4</sub>	200	<50	X	X	X	X	L	X	X	X	X	X	X	L	L	O	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
FLUORINE, GAS DRY No Air or O <sub>2</sub>	F	200	>99	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FLUOROSILICIC ACID	Fluosilicic Acid H <sub>2</sub> SiF <sub>6</sub>	140	<30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FORMALDEHYDE (*316SS <90%)		200	-	X	X	X	O*	O	X	X	O	O	O	O	X	X	O	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
FORMIC ACID		<150	-	X	X	X	X	X	X	X	X	X	X	X	X	L	L	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
FURFURAL		200	<10	X	X	O	X	O	L	L	L	L	X	L	O	O	L	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
GASOLINE (*Flowing-Phos Bronze)		200	-	X	X	O	O	X	O*	L	X	X	L	O	O	O	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
GLUCOSE		300	-	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
GLYCERINE	Glycerol	200	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
HEXANE, DRY		200	>99	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
HYDRAZINE		100	-	X	X	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HYDROBROMIC ACID	HBr	140	-	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	O	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
HYDROCHLORIC ACID	HCl, Muriatic Acid	100	<38	X	X	X	X	X	X	X	X	X	X	L	X	O	X	X	O	X	X	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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HYDROFLUORIC ACID (No Air)	HF	120	<50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
HYDROFLUOSILIC ACID	Fluosilicic Acid	140	<30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
HYDROGEN (See Warning Pg. 4 Text)	H <sub>2</sub>	200	-	X	X	X	O	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Hydrogen Peroxide	H <sub>2</sub> O <sub>2</sub>	100	<30	X	X	L	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
HYDROGEN SULFIDE (See Sour Gas/Oil Warning)	H <sub>2</sub> S	140	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
KEROSENE	Kerosine	200	>99	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O		
LACTIC ACID		<100	<70	X	X	O	O	O	X	X	X	X	X	X	X	L	L	O	O	O	X	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O		
MAGNESIUM CHLORIDE	MgCl <sub>2</sub>	200	<40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MAGNESIUM SULFATE	Epsom Salts MgSO <sub>4</sub>	200	<40	X	X	O	O	O	O	O	O	O	O	X	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
MERCURIC CHLORIDE	HgCl <sub>2</sub>	200	<60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MERCURY	Quicksilver Hg	200	>99	O	O	O	O	O	X	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
METHANE DRY, NO H <sub>2</sub> S	CH <sub>4</sub>	200	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
METHYL ETHYL KETONE	M.E.K.	120	>99	X	L	O	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MILK				X	X	O	O	X	X	X	X	X	X	O	X	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MORPHOLINE		200	>99	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
NAPHTHA	Benzin	200	>99	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
NAPHTHALENE	Tar Camphor C <sub>10</sub> H <sub>8</sub>		>99	O	O	O	O	O	L	L	O	O	O	X	X	L	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Natural Gas, DOT Quality (*Cu alloy<100PSI.)		150	-	L	L	L	O	X	O*	O*	L	X	X	X	O	O	X	O	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

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Corrodent	Common Names & Formulas	Corrodent Temp. °F MAX	Concentration % in H2O	METALS																	PLASTICS				ELASTOMERS																					
				403/410 SS [SE]	Carbon Steel [B]	304 SS [C]	316 SS [S], [SL]	Carp. 20 Cb 3 [D]	Phos. Bronze [A]	Brass [AA]	Monel [POR M]	Nickel [N]	Inconel 600,718 [W],[WW]	Hastelloy B2 [G]	Hastelloy C276 [H]	Tantalum [J]	Titanium [T] (<160 °F)	"R" Systems	PVC (-40/140°F) [V]	Kynar (PVDF) (180°F) [KY]	Halar (ECTFE) (250°F)	Teflon (TFE) (400°F) [T]	Neoprene (CR) (140°F)	Viton (FKM) (300°F) [Y]	Buna "N" (NBR) (150°F)	Kalrez 2037 (200°F) [K]																				
NICKEL CHLORIDE	NiCl <sub>2</sub>	200	<80	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
NICKEL SULFATE	NiSO <sub>4</sub>	200	-	X	X	L	O	L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
NITRIC ACID ●	HNO <sub>3</sub>	<100	<95	X	X	O	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
NITROUS OXIDE (DRY)	Laughing Gas N <sub>2</sub> O	<100	>99	X	X	L	L	L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
OLEIC ACID		200	-	X	X	L	L	O	L	L	L	L	O	L	L	O	L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
OXALIC ACID		140	<50	X	X	X	X	X	X	X	X	X	X	X	X	X	L	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
OXYGEN GAS ("X6B") ●	O <sub>2</sub>	120	-	X	X	O	O	O	O	O	O	O	X	O	O	O	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
OZONE ●	O <sub>3</sub>	120	<8	X	X	O	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
PALMITIC ACID		160	>99	X	X	O	O	X	X	X	X	X	X	X	X	X	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
PHENOL		120	>90	X	X	O	O	O	X	X	L	O	O	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
PHOSPHORIC ACID	H <sub>3</sub> PO <sub>4</sub>	100	<60	X	X	O	O	O	X	X	X	X	L	O	O	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
PTHALIC ANHYDRIDE		200	>99	X	O	O	O	O	X	X	O	O	O	O	O	O	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PICRIC ACID		200	<10	X	X	O	O	X	X	X	X	X	X	X	L	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Potassium Chloride	KCl	150	<30	X	X	X	X	X	X	X	L	L	X	L	O	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Potassium Hydroxide	KOH	160	<50	X	L	L	L	L	X	X	O	O	L	L	L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
POTASSIUM NITRATE ●	Saltpeter KNO <sub>3</sub>	200	<50	L	L	L	L	X	L	L	L	L	L	X	L	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
POTASSIUM NITRITE ●	KNO <sub>2</sub>	200	<50	L	L	L	L	L	L	L	L	L	L	L	L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
POTASSIUM PERMANGANATE ●	KMnO <sub>4</sub>	140	<30	X	X	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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Corrodent	Common Names & Formulas	Corrodent Temp. °F MAX	Concentration % in H <sub>2</sub> O	METALS															PLASTICS				ELASTOMERS										
				403/410 SS [SE]	Carbon Steel [B]	304 SS [C]	316 SS [S], [SL]	Carp. 20 Cb 3 [D]	Phos. Bronze [A]	Brass [AA]	Monel [POR M]	Nickel [N]	Inconel 600, 718 [W], [WW]	Hastelloy B2 [G]	Hastelloy C276 [H]	Tantalum [U]	Titanium [TI] (<160 °F)	"R" Systems	PVC (-40/140 °F) [V]	Kynar (PVDF) (180 °F) [KY]	Halar (ECTFE) (250 °F)	Teflon (TFE) (400 °F) [T]	Neoprene (CR) (140 °F)	Viton (FKM) (300 °F) [Y]	Buna "N" (NBR) (150 °F)	Kalrez 2037 (200 °F) [K]							
PROPANE	C <sub>3</sub> H <sub>8</sub>	200	>99	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	X	O	O	O			
ROSIN		200	-	X	X	L	O	O	L	L	O	X	X	O	X			X			X					X	X	X	O	O	X	O	O
SEA WATER (*Monel not for Diaphragms)	Ocean Water	200	-	X	X	X	X	X	X	X	O*	X	O	X	O	O	O	O	O	X													
SEWAGE, RAW		100	-	X	X	L	L	L	L	L	L	X	X	X	O	O	O	X	X							X		O	O	O	O		
SILVER NITRATE ☉ (Acid free)	AgNO <sub>3</sub>	200	<50	L	X	L	L	O	X	X	X	X	X	X	X	X	O	X	X												X	O	
SKYDROL		200	100	X	X	O	O	O	X	X	O	O	O	O	O	O	O	X	X							X	X	X	O				
SODIUM BICARBONATE	Baking Soda NaHCO <sub>3</sub>	<200	<20	O	L	O	O	O	L	L	O	O	O	L	L	X	O	O															
SODIUM BISULFATE	NaHSO <sub>4</sub>	<200	<30	X	X	X	X	O	L	L	L	L	X	L	L	O	X	X													X	O	
SODIUM BISULFITE	NaHSO <sub>3</sub>	<150	<40	X	X	X	X	L	X	X	L	X	X	L	L	O	O	X															
SODIUM CARBONATE	Soda Ash Na <sub>2</sub> CO <sub>3</sub>	<200	<40	O	L	O	O	O	L	X	O	O	O	O	O	O	O	X															
SODIUM CHLORIDE	Table Salt NaCl	<200	<30	X	X	X	X	X	X	X	O	L	O	X	O	O	O	O	X														
SODIUM CHROMATE ☉	Na <sub>2</sub> CrO <sub>4</sub>	<200	<60	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O							O	X	O					
SODIUM CYANIDE	NaCN	<140	-	X	O	O	O	O	X	X	X	X	X	X	X	X	O	O	O														
SODIUM DICHROMATE	S. Bichromate Na <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>	<140	<20	O	L	O	O	O	X	X	X	X	X	X	X	X	X	O	O								X	O	X	O			
SODIUM HYDROXIDE	CAUSTIC SODA NaOH	<150	<40	X	X	X	O	O	L	L	O	O	O	O	O	X	O	O									X	X	O	O			
SODIUM HYDROXIDE	CAUSTIC SODA NaOH	<200	<70	X	X	X	X	O	X	X	O	O	O	O	L	X	X	X									X	X	X	O			
Sodium Hypochlorite ☉ (* Kynar 15% max. conc.)	NaOCl	120	<40	X	X	X	X	X	X	X	X	X	X	X	O	O	O	X								O	O*	O	X				
SODIUM NITRATE ☉	Chile Saltpeter NaNO <sub>3</sub>	<200	-	O	L	O	O	O	X	X	X	O	X	X	X	O	O	O												X	O		

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Corrodent	Common Names & Formulas	Corrodent Temp. °F MAX	Concentration % in H2O	METALS																PLASTICS				ELASTOMERS						
				403/410 SS [SE]	Carbon Steel [B]	304 SS [C]	316 SS [S], [SL]	Carp. 20 Cb 3 [D]	Phos. Bronze [A]	Brass [AA]	Monel [POR M]	Nickel [N]	Inconel 600,718 [W], [WW]	Hastelloy B2 [G]	Hastelloy C276 [H]	Tantalum [U]	Titanium [TI] (<160 °F)	"R" Systems	PVC (-40/140°F) [V]	Kynar (PVDF) (180°F) [KY]	Halar (ECTFE) (250°F)	Teflon (TFE) (400 °F) [T]	Neoprene (CR) (140 °F)	Viton (FKM) (300 °F) [Y]	Buna "N" (NBR) (150 °F)	Kalrez 2037 (200 °F) [K]				
SODIUM NITRITE	NaNO <sub>2</sub>	<200	<60	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	X	O	O	X
SODIUM PEROXIDE	Na <sub>2</sub> O <sub>2</sub>	<200	<10	O	L	O	O	O	X	X	L	L	L	L	X	X	O	L	O	O	O	L	O	O	O	X	X	O	X	O
SODIUM PHOSPHATE (TRIBASIC)	TSP Na <sub>3</sub> PO <sub>4</sub>	<200	<60	O	O	O	O	O	L	O	O	O	O	L	O	O	X	O	O	O	X	O	X	O	X	O	X	O	O	
SODIUM SILICATE	Water Glass	<200	-	O	O	O	O	O	X	X	O	O	O	X	L	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
SODIUM SULFATE	Na <sub>2</sub> SO <sub>4</sub>	<200	<30	O	X	O	O	O	L	L	L	L	L	L	L	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
SODIUM SULFIDE	Na <sub>2</sub> S	<200	<30	X	X	X	L	O	X	X	L	L	L	X	L	O	X	X	O	O	O	O	O	O	O	O	O	X	O	O
SODIUM SULFITE (*Viton<140°F)	Na <sub>2</sub> SO <sub>3</sub>	<200	<30	X	X	L	O	O	X	X	X	X	X	X	O	O	O	O	O	O	X	O	O	O	O	O	O	O*	X	O
SODIUM THIOSULFATE	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	<200	-	X	X	L	O	O	X	X	O	L	L	L	L	O	X	X	O	O	O	O	O	O	O	X	O	X	O	O
SOUR GAS / OIL (See Warning Pg. 4 of Text)		<200	<5	X	X	X	X	X	X	X	O	X	X	X	O	O	X	X	O	O	X	X	X	O	X	X	X	X	X	X
STANNOUS CHLORIDE	Tin Dichloride SnCl <sub>2</sub>	<200	<50	X	X	X	X	L	X	X	X	X	X	X	X	X	X	O	X	X	X	O	X	X	X	X	X	O	O	O
STEAM (WITH SIPHON)		<300	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	X	X	X	X
STEARIC ACID		<200	-	X	X	O	O	O	X	X	X	O	L	X	O	O	X	X	O	O	X	X	O	O	O	X	X	X	X	O
STODDARD SOLVENT		<150	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	X	O	O	O
SULFUR	S	250	>95	X	X	X	X	X	X	X	X	X	O	L	O	O	O	O	O	X	X	X	O	X	X	X	X	X	O	O
SULFUR DIOXIDE, WET	SO <sub>2</sub>	140	-	X	X	X	L	X	X	X	X	X	X	X	L	O	O	O	X	X	X	O	X	X	X	X	X	O	O	O
SULFUR TRIOXIDE, DRY	SO <sub>3</sub>	140	>99	X	X	L	L	L	X	X	X	L	L	X	O	X	X	X	X	X	X	X	X	X	X	X	X	O	O	O
SULFURIC ACID <60%	H <sub>2</sub> SO <sub>4</sub>	200	<60	X	X	X	X	X	X	X	X	X	X	L	X	O	X	X	X	X	X	X	X	X	X	X	X	X	O	O
SULFURIC ACID 80-98%	H <sub>2</sub> SO <sub>4</sub>	200	<98	X	X	X	X	X	X	X	X	X	X	L	X	O	X	X	X	X	X	X	X	X	X	X	X	X	O	O



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Corrodent	Common Names & Formulas	Corrodent Temp. °F MAX	Concentration % in H2O	METALS													PLASTICS				ELASTOMERS						
				403/410 SS [SE]	Carbon Steel [B]	304 SS [C]	316 SS [S], [SL]	Carp. 20 Cb 3 [D]	Phos. Bronze [A]	Brass [AA]	Monel [P OR M]	Nickel [N]	Inconel 600, 718 [W], [WW]	Hastelloy B2 [G]	Hastelloy C276 [H]	Tantalum [J]	Titanium [TI] (<160 °F)	"R" Systems	PVC (-40/140°F) [V]	Kynar (PVDF) (180°F) [KY]	Halar (ECTFE) (250°F)	Teflon (TFE) (400°F) [T]	Neoprene (CR) (140°F)	Viton (FKM) (300°F) [Y]	Buna "N" (NBR) (150°F)	Kalrez 2037 (200°F) [K]	
TANNIC ACID	Tannin	<150	-	X	O	L	O	O	X	X	O	X	L	X	X	O	O	O	O	O	O	O	X	O	O	O	
TARTARIC ACID		<150	<50	X	X	X	O	X	X	X	O	X	X	X	O	X	X	X	X	X	X	X	O	O	O	O	
TIN CHLORIDE (Stannous)	SnCl <sub>2</sub>	<200	<10	X	X	X	X	O	X	X	X	X	X	X	O	X	X	X	X	X	X	X	O	O	O	O	
TOLUENE (TOLUOL)		<200	>99	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	X	X	X	O	
Trichloroacetic Acid		<200	<50	X	X	X	X	X	X	X	L	X	X	L	O	X	X	O	O	O	O	X	X	X	X	O	
Trichloroethane 1,1,1, Dry (*Teflon<200°F)		<150	>98	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O*	X	X	X	O
Trichloroethylene, Dry		<200	>99	X	O	O	O	O	X	X	O	O	L	O	O	O	O	O	O	O	O	X	O	X	X	O	
TURPENTINE		<200	>98	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	X	O	X	X	O	
UREA	Carbamide	<200	<50	X	X	O	O	X	X	X	X	X	L	X	X	X	O	O	O	O	X	X	X	X	X	X	
VINYL CHLORIDE		<100	>99	X	X	X	O	O	X	X	O	X	X	O	O	O	O	O	O	O	X	X	X	X	O	O	