(A) **Excellent** = Recommended (B) **Good** = Recommended (C) **Fair** (limited life) (X) **Not Recommended**

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Potassium Sulfide K_2S		20	68	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A	A	A	
		60	140	A	A	A	A	A	A	A	
		80	176			A	A	A	A	A	
		100	212				A	A	A		
		120	248				A	A			
Potassium Sulfite K_2SO_3		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	A
		80	176				A	A			
		100	212				A	A			
		120	248								
Potassium Thiocyanate KSCN		20	68	A	A	A	A	A	A	C	A
		40	104	A	A	A	A	A	A		
		60	140	A	A	A	A	A	A		
		80	176				A	A	A		
		100	212				A	A			
		120	248				A	A			
Propane $CH_3CH_2CH_3$		20	68	A	A	A	A	A	A	X	A
		40	104			A	A	A			
		60	140			B	A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Propionic Acid CH_3CH_2COOH	50	20	68	A		A	A	A	X	B	B
		40	104	A		A	A	A			
		60	140			A	A	A			
		80	176					A			
		100	212					A			
		120	248								
Propyl Acetate $CH_3CO_2C_3H_7$	Pure	20	68				A	A	X	B	X
		40	104				B	A			
		60	140				C	A			
		80	176				X	A			
		100	212								
		120	248								
Propyl Alcohol C_3H_7OH	Pure	20	68	A	A	A	A	A	A	A	B
		40	104	A	A	A	A	A	A	A	B
		60	140	B	A	A	A	A	A	A	C
		80	176		B	B	B	A	A	A	X
		100	212				C	A	A		
		120	248					A			
Propyl Nitrate $C_3H_7NO_3$		20	68				A	A	X	B	
		40	104					A			
		60	140					A			
		80	176					A			
		100	212								
		120	248								
Propylene Dichloride $CH_3CHClCH_2Cl$	Pure	20	68	X	X	X	A	A	B	X	X
		40	104				A	A			
		60	140				B	A			
		80	176				B	A			
		100	212								
		120	248								
Propylene Oxide CH_3CHCH_2 (O)		20	68	X	X		C	A	X	X	X
		40	104				X	A			
		60	140					A			
		80	176								
		100	212								
		120	248								
Pyridine C_5H_5N		20	68	X	X	A	C	A	X	B	X
		40	104			A	C	A		C	
		60	140			B	X	A		X	
		80	176					A			
		100	212								
		120	248								

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Radium Chloride $RaCl_2$		20	68	A		A	A	A	A	A	X
		40	104			A	A	A	A	A	
		60	140			A	A	A	A	A	
		80	176				A	A			
		100	212				A	A			
		120	248								
Rhodium Chloride $RhCl_3$		20	68	A		A	A	A	A	A	A
		40	104			A	A	A	A	A	
		60	140				A	A	A	A	
		80	176				A	A			
		100	212					A			
		120	248								
Salicylalde-hyde C_6H_4OHCHO		20	68				A	A	A	A	A
		40	104				A	A	A		
		60	140				B	A			
		80	176				C	A			
		100	212				X	A			
		120	248								
Salicylic Acid $C_6H_4OHCO_2H$		20	68	A			A	A	A	A	A
		40	104	A			A	A	A	A	
		60	140	A			A	A	A	A	
		80	176				A	A	A		
		100	212				B	A			
		120	248					A			
Seleneous Acid		20	68				A	A			
		40	104								
		60	140								
		80	176								
		100	212								
		120	248								
Silicic Acid $SiO_3 \cdot nH_2O$		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	A
		80	176		A	A	A	A	A	A	A
		100	212				A	A	A		
		120	248				A	A			
Silicone Oil		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	
		80	176			A	A	A	A		
		100	212				A	A			
		120	248				A	A			
Silver Acetate CH_3COOAg		20	68	A		A	A	A	A	A	
		40	104				A	A	A		
		60	140				A	A	A		
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Silver Chloride AgCl		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	
		60	140	A	A	A	A	A	A	A	
		80	176			A	A	A	A	A	
		100	212				A	A	A		
		120	248				A	A			
Silver Cyanide AgCN		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	A
		80	176		A	A	A	A			
		100	212				A	A			
		120	248				A	A			
Silver Nitrate $AgNO_3$		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	A
		80	176			A	A	A	A	A	B
		100	212				A	A			
		120	248				A	A			