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

Hydrofluorosilicic Acid - See Fluorosilicic Acid, page 11.

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Hexane $CH_3(CH_2)_4CH_3$		20	68	A	A	A	A	A	A	X	A
		40	104	B		B	A	A			
		60	140			C	A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Hexyl Alcohol $CH_3(CH_2)_5OH$	Pure	20	68	A	A	A	A	A	A	B	A
		40	104	A			A	A	A	B	A
		60	140	B			A	A	A	C	B
		80	176				B	A	A	X	
		100	212					A	A		
		120	248					A	B		
Hydrazine $H_2N\text{-}NH_2$	Pure	20	68	X	X	C	C	A	X	A	A
		40	104			X	C	A			
		60	140				X	A			
		80	176					A			
		100	212					A			
		120	248								
Hydrobromic HBr	20	20	68	A	A	A	A	A	A	A	C
		40	104	A	A	A	A	A	A	A	C
		60	140	B	B	A	A	A	A	A	X
		80	176		B	A	A	A	B	B	
		100	212				A	A			
		120	248				B	A			
Hydrobromic Acid HBr	47	20	68	A	A	A	A	A	A	A	C
		40	104	A	A	A	A	A	A	A	X
		60	140	B	B	A	A	A			
		80	176		B	A	A	A			
		100	212				A	A			
		120	248				B	A			
Hydrochloric Acid HCl	25	20	68	A	A	A	A	A	A	A	C
		40	104	A	A	A	A	A	A	A	X
		60	140	A	A	A	A	A	A	A	
		80	176		A	A	A	A	B	X	
		100	212				A	A	C		
		120	248				B	A			
Hydrochloric Acid HCl	* 35	20	68	A	A	A	A	A	A	B	C
		40	104	A	A	A	A	A	B	B	X
		60	140	B	A	A	A	A	X	X	
		80	176		B	B	A	A			
		100	212				A	A			
		120	248				C	A			
Hydrochloric Acid HCl	* 38	20	68	A	A	A	A	A	B	C	C
		40	104	A	A	A	A	A	B	C	X
		60	140	B	B	A	A	A	X	X	
		80	176		B	B	A	A			
		100	212				B	A			
		120	248				C	A			
Hydrocyanic Acid HCN		20	68	A	A	A	A	A	A	A	B
		40	104	A	A	A	A	A			
		60	140	A	A	A	A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Hydrofluoric Acid HF	10	20	68	A	A	A	A	A	A	A	X
		40	104	A	B	A	A	A	A	A	
		60	140	C	B	A	A	A	A	A	
		80	176		C	A	A	A	A	A	
		100	212			B	A	A	A		
		120	248								
Hydrofluoric Acid HF	30	20	68	A	A	A	A	A	A	A	X
		40	104	B	B	A	A	A	A	A	
		60	140	C	C	A	A	A	A	A	
		80	176	X	X	B	A	A	B	B	
		100	212				A	A			
		120	248								
Hydrofluoric Acid HF	40	20	68	B	B	A	A	A	A	A	X
		40	104	C	C	A	A	A	A	A	
		60	140	X	X	A	A	A	A	B	
		80	176			B	A	A	B	C	
		100	212				A	A			
		120	248								
Hydrofluoric Acid HF	55	20	68	B	B	A	A	A	A	A	X
		40	104	C	X	A	A	A	A	B	
		60	140	X		A	A	A	A	C	
		80	176			B	A	A	B	X	
		100	212				A	A			
		120	248								
Hydrogen H_2		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	
		100	212					A			
		120	248					A			
Hydrogen Fluoride (Anhydrous) HF		20	68			A	A	A	X	B	X
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Hydrogen Peroxide H_2O_2	20	20	68	A	A	A	A	A	A	A	X
		40	104	A	A	A	A	A	A	B	
		60	140	B	B	A	A	A	A	B	
		80	176		B	B	A	A	A	C	
		100	212				A	A			
		120	248					A			
Hydrogen Peroxide H_2O_2	35	20	68	A	B	A	A	A	A	B	X
		40	104	B	C	B	A	A	A	C	
		60	140	C	X	B	A	A	C	X	
		80	176			C	A	A			
		100	212				A	A			
		120	248					A			
Hydrogen Peroxide H_2O_2	** 50	20	68	B	C	C	A	A	C	X	X
		40	104	C	X	X	A	A	X		
		60	140				A	A			
		80	176				A	A			
		100	212					A			
		120	248					A			
Hydrogen Sulfide Gas H_2S	Dry	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		B	A	A	A	A	B	B
		100	212				A	A	A		
		120	248				A	A			
Hydrogen Sulfide (Aqueous) H_2S		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	B	A	A
		80	176		A	A	A	A		A	A
		100	212				A	A			
		120	248				A	A			
Hydroiodic Acid HI		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140				A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Hydroquinone $C_6H_4(OH)_2$	Satu	20	68	A		A	A	A	A	A	B
		40	104	A		A	A	A	A		
		60	140	A		A	A	A			
		80	176			A	A	A			
		100	212				A	A			
		120	248					A			

***Hydrochloric Acid:** 20° Baumé = 32%; 23° Baumé (Fuming) = 38% concentration.

****Hydrogen Peroxide:** 35% at 55°C Viton = **"A"**; 40% at 66°C Viton = **"B"**.