Chemicals: Hypochlorous Acid - Lead Sulfate

(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
Hypochlorous Acid HClO	10	20	68	A	A	A	A	A	A	A	C
		40	104	A	A	B	A	A	A	B	
		60	140	A	A		A	A	A		
		80	176		B		A	A	B		
		100	212				A	A			
		120	248				B	A			
Iodine I_2		20	68	C		A	A	A	B	X	
		40	104	X			A	A			
		60	140				A	A			
		80	176				A	A			
		100	212					A			
		120	248					A			
Isobutyl Alcohol $(CH_3)_3CHCH_2OH$	Pure	20	68	A		A	A	A	A	A	B
		40	104	A		A	A	A			
		60	140			A	A	A			
		80	176				A	A			
		100	212				A	A			
		120	248					A			
Iso-octane $(CH_3)CCH_2CH(CH_3)_2$		20	68	A		A	A	A	A	X	A
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212				A	A			
		120	248					A			
Isophorone $C_9H_{14}O$	Pure	20	68					A	X	X	X
		40	104					A			
		60	140					A			
		80	176								
		100	212								
		120	248								
Isopropyl Acetate $(CH_3)COOCH(CH_3)_2$	Pure	20	68					A	X	B	X
		40	104					A			
		60	140					A			
		80	176					A			
		100	212					A			
		120	248								
Isopropyl Alcohol $(CH_3)_2CHOH$	Pure	20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	B
		60	140	A	A	A	A	A	A	A	
		80	176				A	A	A		
		100	212					A	B		
		120	248					A			
Isopropyl Chloride $(CH_3)_2CHCl$		20	68				A	A	A	X	B
		40	104				A	A			
		60	140				B	A			
		80	176				C	A			
		100	212					A			
		120	248								
Isopropyl Ether $(CH_3)_2CHO$ $-CH(CH_3)_2$	Pure	20	68				A	A	C	C	B
		40	104				B	A			
		60	140				C	A			
		80	176				X	A			
		100	212								
		120	248								
Jet Fuel JP-4		20	68	A		B	A	A	A	X	B
		40	104	A		X	A	A			
		60	140	B			A	A			
		80	176				A	A			
		100	212				B	A			
		120	248					A			
Jet Fuel JP-5		20	68	A		B	A	A	A	X	A
		40	104	A		X	A	A			
		60	140	B			A	A			
		80	176				A	A			
		100	212				A	A			
		120	248					A			

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Kerosene		20	68	B		A	A	A	A	X	A
		40	104	B		C	A	A			
		60	140	C		X	A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				B	A			
Lacquer (Nitroselrouse lacquer)		20	68	X		A	A	A	C	X	X
		40	104					A			
		60	140					A			
		80	176					A			
		100	212					A			
		120	248								
Lactic Acid $CH_3CH(OH)COOH$	25	20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	B
		60	140	A	A	A	A	A	A	A	C
		80	176		B	A	A	A	A	A	
		100	212				A	A	A		
		120	248				A	A			
Lactic Acid $CH_3CH(OH)COOH$	80	20	68	A	A	A	A	A	A	A	A
		40	104	B	A	A	A	A	A	A	B
		60	140		B	A	A	A	A	A	C
		80	176			B	A	A	A	A	
		100	212				B	A	B		
		120	248					A			
Lard (Animal Oil)		20	68	A	A	A	A	A	A	A	A
		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			
Lauric Acid $CH_3(CH_2)_{10}COOH$		20	68	A		A	A	A	A		
		40	104	A		A	A	A			
		60	140			A	A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Lauroyl Chloride $CH_3(CH_2)_{10}COCl$	Pure	20	68				A	A			
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Lead Acetate $Pb(CH_3COO)_2$	Satu	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	B	A	B
		100	212				A	A			
		120	248					A			
Lead Chloride $PbCl_2$		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	A	A		
		120	248				A	A			
Lead Nitrate $Pb(NO_3)_2$	Satu	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								
Lead Sulfate $PbSO_4$		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			

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