

Chemicals: Hypochlorous Acid - Lead Sulfate

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

Chemical	Concentration (%)	Temp.		PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE	Chemical	Concentration (%)	Temp.		PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE	
		°C	°F											°C	°F									
Hypochlorous Acid HClO	10	20	68	A	A	A	A	A	A	A	C	Kerosene		20	68	B		A	A	A	A	A	X	A
		40	104	A	A	B	A	A	A	B				40	104	B		C	A	A				
		60	140	A	A		A	A	A					60	140	C		X	A	A				
		80	176		B		A	A	B					80	176				A	A				
		100	212				A	A						100	212				A	A				
		120	248				B	A						120	248				B	A				
Iodine I <sub>2</sub>		20	68	C		A	A	A	B	X		Lacquer (Nitroselrouse lacquer)		20	68	X		A	A	A	C	X	X	
		40	104	X			A	A						40	104				A					
		60	140				A	A						60	140				A					
		80	176				A	A						80	176				A					
		100	212					A						100	212				A					
		120	248					A						120	248					A				
Isobutyl Alcohol (CH <sub>3</sub> ) <sub>3</sub> CHCH <sub>2</sub> OH	Pure	20	68	A		A	A	A	A	A	B	Lactic Acid CH <sub>3</sub> CH(OH)COOH	25	20	68	A	A	A	A	A	A	A	A	
		40	104	A		A	A	A						40	104	A	A	A	A	A	A	A	B	
		60	140			A	A	A						60	140	A	A	A	A	A	A	A	C	
		80	176				A	A						80	176		B	A	A	A	A	A		
		100	212				A	A						100	212				A	A	A			
		120	248					A						120	248				A	A				
Iso-octane (CH <sub>3</sub> )CCH <sub>2</sub> CH(CH <sub>3</sub> ) <sub>2</sub>		20	68	A		A	A	A	X	X	A	Lactic Acid CH <sub>3</sub> CH(OH)COOH	80	20	68	A	A	A	A	A	A	A	A	
		40	104				A	A						40	104	B	A	A	A	A	A	A	B	
		60	140				A	A						60	140		B	A	A	A	A	A	C	
		80	176				A	A						80	176			B	A	A	A	A		
		100	212				A	A						100	212				B	A	B			
		120	248					A						120	248					A				
Isophorone C <sub>9</sub> H <sub>14</sub> O	Pure	20	68					A	X	X	X	Lard (Animal Oil)		20	68	A	A	A	A	A	A	A	A	
		40	104					A						40	104				A	A	A	A	A	
		60	140					A						60	140				A	A	A	A	A	
		80	176					A						80	176				A	A				
		100	212											100	212				A	A				
		120	248											120	248				A	A				
Isopropyl Acetate (CH <sub>3</sub> )COOCH(CH <sub>3</sub> ) <sub>2</sub>	Pure	20	68					A	X	B	X	Lauric Acid CH <sub>3</sub> (CH <sub>2</sub> ) <sub>10</sub> COOH		20	68	A		A	A	A	A			
		40	104					A						40	104	A		A	A	A				
		60	140					A						60	140			A	A	A				
		80	176					A						80	176				A	A				
		100	212					A						100	212				A	A				
		120	248											120	248				A	A				
Isopropyl Alcohol (CH <sub>3</sub> ) <sub>2</sub> CHOH	Pure	20	68	A	A	A	A	A	A	A	A	Lauroyl Chloride CH <sub>3</sub> (CH <sub>2</sub> ) <sub>10</sub> COCl	Pure	20	68					A	A			
		40	104	A	A	A	A	A	A	A	B			40	104				A	A				
		60	140	A	A	A	A	A	A	A				60	140				A	A				
		80	176				A	A	A					80	176				A	A				
		100	212					A	B					100	212				A	A				
		120	248					A						120	248				A	A				
Isopropyl Chloride (CH <sub>3</sub> ) <sub>2</sub> CHCl		20	68				A	A	A	X	B	Lead Acetate Pb(CH <sub>3</sub> COO) <sub>2</sub>	Satu	20	68	A	A	A	A	A	A	A	A	
		40	104				A	A						40	104	A	A	A	A	A	A	A	A	
		60	140				B	A						60	140	A	A	A	A	A	B	A	A	
		80	176				C	A						80	176		A	A	A	A	B	A	B	
		100	212					A						100	212				A	A				
		120	248											120	248				A	A				
Isopropyl Ether (CH <sub>3</sub> ) <sub>2</sub> CHO -CH(CH <sub>3</sub> ) <sub>2</sub>	Pure	20	68				A	A	C	C	B	Lead Chloride PbCl <sub>2</sub>		20	68	A	A	A	A	A	A	A	A	
		40	104				B	A						40	104	A	A	A	A	A	A	A	A	
		60	140				C	A						60	140	A	A	A	A	A	A	A	A	
		80	176				X	A						80	176			A	A	A	A	A	A	
		100	212											100	212				A	A	A			
		120	248											120	248				A	A				
Jet Fuel JP-4		20	68	A		B	A	A	A	X	B	Lead Nitrate Pb(NO <sub>3</sub> ) <sub>2</sub>	Satu	20	68	A	A	A	A	A	A	A	A	
		40	104	A		X	A	A						40	104	A	A	A	A	A	A	A	A	
		60	140	B			A	A						60	140	A	A	A	A	A	A	A	A	
		80	176				A	A						80	176		A	A	A	A	A	A	A	
		100	212				B	A						100	212				A	A	A			
		120	248					A						120	248									
Jet Fuel JP-5		20	68	A		B	A	A	A	X	A	Lead Sulfate PbSO <sub>4</sub>		20	68	A	A	A	A	A	A	A	A	
		40	104	A		X	A	A						40	104	A	A	A	A	A	A	A	A	
		60	140	B			A	A						60	140	A	A	A	A	A	A	A	A	
		80	176				A	A						80	176		A	A	A	A	A	A	A	
		100	212				A	A						100	212				A	A	A	A		
		120	248					A						120	248				A	A				