

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	B		C	A	A					60	140	C		X	A	A					80	176				A	A					100	212				A	A					120	248				B	A					
		40	104	X			A	A							40	104	X		A	A	A	C	X	X	60	140				A	A					80	176				A	A					100	212				A	A					120	248				A	A																
		60	140				A	A							60	140				A	A						80	176				A	A					100	212				A	A					120	248				A	A																									
		80	176				A	A							80	176				A	A						100	212				A	A					120	248				A	A																																				
		100	212				A	A							100	212				A	A						120	248				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				A	A					60	140				A	A					80	176				A	A					100	212				A	A					120	248				A	A						
		40	104	X			A	A						40	104				A	A						60	140				A	A					80	176				A	A					100	212				A	A					120	248				A	A															
		60	140				A	A						60	140				A	A						80	176				A	A					100	212				A	A					120	248				A	A																										
		80	176				A	A						80	176				A	A						100	212				A	A					120	248				A	A																																					
		100	212				A	A						100	212				A	A						120	248				A	A																																																
		120	248				A	A						120	248				A	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	A	A	A	A	B	60	140	A	A	A	A	A	A	A	A	C	80	176			B	A	A	A	A	A		100	212				A	A					120	248				A	A						
		40	104	A			A	A						40	104	A	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				A	A																	
		60	140				A	A						60	140	A	A	A	A	A	A	A	A	A	80	176				A	A					100	212				A	A					120	248				A	A																											
		80	176				A	A						80	176				A	A					100	212				A	A					120	248				A	A																																						
		100	212				A	A						100	212				A	A					120	248				A	A																																																	
		120	248				A	A						120	248				A	A																																																												
Iso-octane (CH <sub>3</sub> ) <sub>2</sub> CHCH <sub>2</sub> CH(CH <sub>3</sub> ) <sub>2</sub>		20	68	A		A	A	A	A	X	A	Lactic Acid CH <sub>3</sub> CH(OH)COOH	80	20	68	A	A	A	A	A	A	A	A	40	104	B	A	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				A	A					120	248				A	A						
		40	104				A	A						40	104	B	A	A	A	A	A	A	A	A	60	140				A	A					80	176				A	A					100	212				A	A					120	248				A	A																
		60	140				A	A						60	140				A	A					80	176				A	A					100	212				A	A					120	248				A	A																											
		80	176				A	A						80	176				A	A					100	212				A	A					120	248				A	A																																						
		100	212				A	A						100	212				A	A					120	248				A	A																																																	
		120	248				A	A						120	248				A	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	A	A	A	A	A	60	140				A	A	A	A	A	A	80	176				A	A					100	212				A	A					120	248				A	A						
		40	104					A						40	104				A	A					60	140				A	A					80	176				A	A					100	212				A	A					120	248				A	A																
		60	140					A						60	140				A	A					80	176				A	A					100	212				A	A					120	248				A	A																											
		80	176					A						80	176				A	A					100	212				A	A					120	248				A	A																																						
		100	212					A						100	212				A	A					120	248				A	A																																																	
		120	248					A						120	248				A	A																																																												
Isopropyl Acetate (CH <sub>3</sub> ) <sub>2</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		40	104	A			A	A	A		60	140				A	A	A		80	176				A	A			100	212				A	A			120	248				A	A															
		40	104					A						40	104	A			A	A	A		60	140				A	A	A		80	176				A	A			100	212				A	A			120	248				A	A																								
		60	140					A						60	140				A	A	A		80	176				A	A			100	212				A	A			120	248				A	A																																	
		80	176					A						80	176				A	A			100	212				A	A			120	248				A	A																																										
		100	212					A						100	212				A	A			120	248				A	A																																																			
		120	248					A						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		60	140					A	A		80	176					A	A		100	212					A	A		120	248					A	A														
		40	104	A	A	A	A	A	A	A	B			40	104					A	A		60	140					A	A		80	176					A	A		100	212					A	A		120	248					A	A																							
		60	140	A	A	A	A	A	A	A				60	140					A	A		80	176					A	A		100	212					A	A		120	248					A	A																																
		80	176					A	A					80	176					A	A		100	212					A	A		120	248					A	A																																									
		100	212					A	B					100	212					A	A		120	248					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	A	A	A	A	A	A	A	60	140	A	A	A	A	A	A	B	A	A	80	176				A	A	A	A	B	A	B	100	212				A	A					120	248				A	A				
		40	104					A	A			40			104	A	A	A	A	A	A	A	A	A	60	140				A	A					80	176				A	A					100	212				A	A					120	248				A	A																
		60	140					B	A			60			140	A	A	A	A	A	A	A	A	A	80	176				A																																																		