Chemicals: Toluene - Xylene

(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
Toluene (Toluol) $C_6H_5CH_3$		20	68	X	X	A	A	A	A	X	X
		40	104			C	A	A			
		60	140			X	B	A			
		80	176				B	A			
		100	212				C	B			
		120	248					C			
Triacetin $C_3H_5O_3(COCH_3)_3$	Pure	20	68					A	B	A	B
		40	104					A			
		60	140					A			
		80	176					A			
		100	212					A			
		120	248								
Tributyl Phosphate $(C_4H_9O)_3PO$		20	68	X		A	A	A	X	B	X
		40	104			B	A	A			
		60	140			C	C	A			
		80	176				X	A			
		100	212								
		120	248								
Trichloro-acetic Acid $Cl_3C.COOH$		20	68	C		A	A	A	X	X	X
		40	104			A	B	A			
		60	140			B	C	A			
		80	176				X				
		100	212								
		120	248								
Trichloro-ethylene $ClHC=CCl_2$		20	68	X	X	B	A	A	A	X	X
		40	104			C	A	A	A		
		60	140			X	A	A	A		
		80	176				A	A	A		
		100	212				A	A			
		120	248					A			
Tricresyl Phosphate $(CH_3C_6H_4O)_3PO$	Pure	20	68	X	X	C	A	A	A	A	X
		40	104					A			
		60	140					A			
		80	176								
		100	212								
		120	248								
Triethanola-mine $(HOCH_2CH_2)_3N$		20	68			A	A	A	B	A	A
		40	104					A			
		60	140					A			
		80	176					A			
		100	212								
		120	248								
Triethylamine $(C_2H_5)_3N$		20	68				B	A	A		X
		40	104				B	A			
		60	140				X	A			
		80	176					A			
		100	212								
		120	248								
Trimethyl-propane C_6H_{14}		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		A
		100	212				A	A			
		120	248					A			
Turpentine		20	68	A	A	B	A	A	A	B	B
		40	104	A		C	A	A	A		
		60	140	A		X	A	A	A		
		80	176				A	A	A		
		100	212				A	A			
		120	248				A	A			
Uranium Oxide UO_2		20	68			A	A	A	A	A	A
		40	104				A	A	A	A	A
		60	140				A	A			
		80	176				A	A			
		100	212					A			
		120	248								

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Urea $CO(NH_2)_2$	50	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			
Urine		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			
Varsol		20	68			A	A	A	A	X	A
		40	104								
		60	140								
		80	176								
		100	212								
		120	248								
Vaseline (Petrolatum)		20	68	A		A	A	A	A	X	A
		40	104	A		A	A	A			
		60	140	A		A	A	A			
		80	176			C	A	A			
		100	212				A	A			
		120	248				A	A			
Vinegar		20	68	A	A	A	A	A	A	A	C
		40	104	A	A	A	A	A	A	A	
		60	140	A	A	A	A	A	A	A	
		80	176		B	A	A	A			
		100	212				B	A			
		120	248				B	A			
Vinyl Acetate $CH_3COOCH=CH_2$		20	68	X	X		A	A	X	B	X
		40	104				A	A		X	
		60	140				A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Water - Deionized, Distilled or Potable		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			
		120	248				A	A			
Water - Sea		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	B
		80	176		A	A	A	A	A	A	
		100	212				A	A			
		120	248				A	A			
Water - Waste (Domestic Sewage)		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			
Wine (Red and White)		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	B	B	A	A	A		A	
		80	176				A	A		A	
		100	212				A	A			
		120	248				A	A			
Xylene $C_6H_4(CH_3)_2$		20	68	X	X	X	A	A	B	X	C
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212				A	A			
		120	248					A			

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