Chemicals: Zinc Acetate - Ammonium Fluoride (Mixed Chemical)

(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
Zinc Acetate $(CH_3COO)_2$ $Zn{\cdot}2H_2O$		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	B
		100	212				A	A	A		
		120	248				A	A			
Zinc Bromide $ZnBr_2$	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			
		100	212								
		120	248								
Zinc Chloride $ZnCl_2$		20	68	A	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	A		
		120	248				A	A			
Zinc Cyanide $Zn(CN)_2$		20	68	A		A	A	A	A	A	A
		40	104				A	A			
		60	140				A	A			
		80	176								
		100	212								
		120	248								
Zinc Nitrate $Zn(NO_3)_2{\cdot}6H_2O$		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	B
		100	212				A	A	A		
		120	248				A	A			
Zinc Sulfate $ZnSO_4$		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	B
		100	212				A	A	A		
		120	248				A	A			

Mixed Chemicals

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Hydrochloric Acid	36%	20	68	B	B	B	A	A	B	B	
		40	104	B	B	B	A	A	B	B	
		60	140			B	A	A	B	C	
Allyl Chloride	12 PPM	80	176				A	A	B		
		100	212				B	A	C		
		120	248				B	A			
Hydrochloric Acid	36%	20	68	B	B	B	A	A	B	B	
		40	104	B	B	B	A	A	B	B	
		60	140	B	B	B	A	A	B	C	
Benzene	54 PPM	80	176		B	B	A	A	B		
		100	212				B	A	C		
		120	248				B	A			
Hydrochloric Acid	18%	20	68	A	A	A	A	A	B	B	
		40	104	B	B	B	A	A	B	C	
		60	140	B	B	B	A	A	B		
Chloro-benzene	490 PPM	80	176		B	B	A	A	C		
		100	212				A	A			
		120	248				B	A			
Hydrochloric Acid	36%	20	68	B	C	B	A	A	B	C	
		40	104	B		B	A	A	C		
		60	140				A	A			
Chloro-benzene	890 PPM	80	176				A	A			
		100	212				B	A			
		120	248				C	A			

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Hydrochloric Acid	25 (1:1) 28	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	
Ferric Chloride		80	176		A	A	A	A	B	B	
		100	212		B	B	A	A	C		
		120	248				B	A			
Hydrochloric Acid	20 (1:1) 28	20	68				A	A	A	A	
		40	104				A	A	A	A	
		60	140				A	A	A	A	
Ferrous Chloride		80	176				A	A	B	B	
		100	212				A	A	C		
		120	248				A	A			
Hydrochloric Acid	25 (1:1) 28	20	68				A	A		A	
		40	104				A	A		A	
		60	140				A	A		A	
Ferrous Chloride		80	176				A	A		B	
		100	212				A	A			
		120	248				A	A			
Hydrochloric Acid	10 (1:1) 15	20	68	A	A		A	A			
		40	104	B	B		A	A			
		60	140	B	B		A	A			
Hydrofluoric Acid		80	176	X	X		A	A			
		100	212				A	A			
		120	248				A	A			
Hydrochloric Acid	18 (1:1) 20	20	68	A	A		A	A			
		40	104	B	B		A	A			
		60	140	B	B		A	A			
Hydrofluoric Acid		80	176		B		A	A			
		100	212				A	A			
		120	248				B	A			
Hydrochloric Acid	20 100g	20	68	A	A	B	A	A	A	B	
		40	104	A	A	C	A	A	B		
		60	140	B	B	X	A	A			
Nitric Acid	50 5g	80	176		C		A	A			
		100	212				A	A			
		120	248				B	A			
Hydrochloric Acid	36 %	20	68	B	B	B	A	A	B	B	
		40	104	B	B	B	A	A	B	B	
		60	140	B	B	B	A	A	B	C	
Ortho-chloro-phenal	170 PPM	80	176				A	A	B		
		100	212				B	A	C		
		120	248				B	A			
Hydrochloric Acid	36 (1:1) 98	20	68	B	B	X	A	A	X	X	X
		40	104	X	X		A	A			
		60	140				A	A			
Sulfuric Acid		80	176				B	A			
		100	212				C	A			
		120	248				X	A			
Hydrochloric Acid	20 100g	20	68	A	A	A	A	A	A	A	
		40	104	A	B	A	A	A	A	A	
		60	140	B	B	A	A	A	A	A	
Sulfuric Acid	5 5g	80	176		B	B	A	A	A	B	
		100	212				A	A			
		120	248				A	A			
Hydrochloric Acid	36 144g	20	68	A	A	A	A	A	X	X	X
		40	104	A	A	A	A	A			
		60	140	B	B	B	A	A			
Sulfuric Acid	98 13g	80	176		B		A	A			
		100	212				A	A			
		120	248				B	A			
Chromic Acid	250	20	68	A	A	X	A	A	X	X	
		40	104	A	A		A	A			
		60	140	B	B		A	A			
Ammonium Fluoride	8 g/l	80	176		C		A	A			
		100	212				A	A			
		120	248				A	A			

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