Chemicals: Silver Sulfate - Sodium Hydroxide

(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
Silver Sulfate Ag_2SO_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			
Sodium Acetate CH_3COONa	Satu	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	A	A		A	
		100	212				A	A			
		120	248				A	A			
Sodium Alum $NaAl(SO_4)_2 \cdot 12H_2O$	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	B
		100	212				A	A	A		
		120	248				A	A			
Sodium Benzoate C_6H_5COONa		20	68	A	A	A	A	A			
		40	104	A	A	A	A	A			
		60	140	A	A	A	A	A			
		80	176			A	A	A			
		100	212				A	A			
		120	248				A	A			
Sodium Bicarbonate $NaHCO_3$		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	
		100	212				A	A	A		
		120	248				A	A			
Sodium Bichromate $Na_2Cr_2O_7$	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	B	A	A	A	A	A
		80	176		B	B	A	A	A	A	B
		100	212				A	A	A		
		120	248				A	A			
Sodium Bisulfate $NaHSO_4$		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		B	B	A	A	A	A	A
		100	212				A	A	A		
		120	248				A	A			
Sodium Bisulfite $NaHSO_3$		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		B	B	A	A	A	A	A
		100	212				A	A	A		
		120	248				A	A			
Sodium Bromate $NaBrO_3$		20	68	A		A	A	A	A	A	X
		40	104				A	A	A	A	
		60	140				A	A	A	A	
		80	176				A	A			
		100	212				A	A			
		120	248					A			
Sodium Bromide NaBr	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			
		100	212				A	A			
		120	248				A	A			
Sodium Carbonate Na_2CO_3		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			

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Sodium Chlorate $NaClO_3$	Satu	20	68	A	A	A	A	A	A	A	C
		40	104	A	A	A	A	A	A	A	
		60	140	A	B	B	A	A	A	A	
		80	176		B	B	A	A	B	A	
		100	212				A	A	B		
		120	248				A	A			
Sodium Chloride (Brine) NaCl		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								
Sodium Chlorite $NaClO_2$	25	20	68	X	X		A	A	B	B	X
		40	104				B	B			
		60	140								
		80	176								
		100	212								
		120	248								
Sodium Cyanide (Aqueous) NaCN		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		B	B	A	A	A	A	
		100	212				A	A	B		
		120	248				A	A			
Sodium Dithionite $Na_2S_2O_4$	10	20	68	A		A	A	A	A	A	X
		40	104	A		A	A	A	A	A	
		60	140			A	A	A	A	A	
		80	176					A			
		100	212					A			
		120	248								
Sodium Ferricyanide $Na_3[Fe(CN)_6] \cdot H_2O$	Satu	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		B	B	A	A			
		100	212				A	A			
		120	248				A	A			
Sodium Ferrocyanide $Na_4[Fe(NC)_6] \cdot 10H_2O$	Satu	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		B	B	A	A			
		100	212				A	A			
		120	248				A	A			
Sodium Fluoride NaF		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			
		100	212			A	A	A			
		120	248				A	A			
Sodium Hydroxide (Caustic Soda) NaOH	10	20	68	A	C	A	B	A	C	A	A
		40	104	A	X	A	B	A	C	A	A
		60	140	A	X	A	B	A	X	A	A
		80	176		X	B	C	A		A	A
		100	212				C	A			
		120	248					A			
Sodium Hydroxide (Caustic Soda) NaOH	15	20	68	A	B	A	A	A	C	A	A
		40	104	A	C	A	A	A	C	A	A
		60	140	A	C	A	B	A	X	A	A
		80	176		X	B	C	A		A	A
		100	212				X	A			
		120	248					A			
Sodium Hydroxide (Caustic Soda) NaOH	30	20	68	A	B	A	A	A	C	A	A
		40	104	A	B	A	A	A	X	A	A
		60	140	A	C	A	B	A		A	A
		80	176		X	A	C	A		A	A
		100	212				X	A			
		120	248					A			

©Chemline Plastics Limited 2001