Chemicals: Butyic Acid - Casein

(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
Butyric Acid $CH_3CH_2CH_2COOH$	Pure	20	68	B	B	A	A	A	B	B	X
		40	104			A	A	A	C		
		60	140			A	A	A	X		
		80	176			A	A	A			
		100	212				A	A			
		120	248				B	A			
Caffeine Citrate		20	68				A	A			
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212					A			
		120	248					A			
Calcium Acetate $Ca(CH_3COO)_2$	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		B	B	A	A	A	A	
		100	212				A	A			
		120	248				B	A			
Calcium Bisulfite (Calcium hydrogen sulfite) $Ca_2(HCO_3)_2$		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		
		80	176			A	A	A	A		
		100	212				A	A			
		120	248								
Calcium Bromide $CaBr_2$		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				A	A			
		120	248								
Calcium Carbonate $CaCO_3$	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	B
		80	176		A	A	A	A	A		
		100	212				A	A	A		
		120	248				A	A	A		
Calcium Chlorate $Ca(ClO_3)_2$	Satu	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		A	A	A	A			
		100	212				A	A			
		120	248				A	A			
Calcium Chloride $CaCl_2$	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	B
		80	176		A	A	A	A	A	A	B
		100	212				A	A	A		
		120	248				A	A			
Calcium Hydroxide $Ca(OH)_2$	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		B	A	A	A	A	A	C
		100	212			B	A	A	A		
		120	248				A	A			
Calcium Hypochlorite $Ca(ClO)_2$	Satu	20	68	A	A	A	A	A	A	B	C
		40	104	A	A	A	A	A	A	B	
		60	140	B	B	B	A	A	A	C	
		80	176		C	C	A	A	B	C	
		100	212				B	A	C		
		120	248								
Calcium Nitrate $Ca(NO_3)_2$		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				A	A			

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Calcium Sulfate $CaSO_4$	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			
Calcium Sulfide CaS	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	B
		100	212				A	A	A		
		120	248				A	A			
Caprylic Acid $CH_3(CH_2)_6COOH$	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			
Carbitol $C_2H_5(OCH_2{\cdot}CH_2)_2OH$		20	68	A			A	A	A	A	A
		40	104	B			B	A	B		C
		60	140				C	A	C		
		80	176					A			
		100	212					A			
		120	248								
Carbon Dioxide Gas CO_2	Wet	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	A		
Carbon Dioxide Gas CO_2	Dry	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				A	A	A		
Carbon Disulfide CS_2	Pure	20	68	C	C	X	A	A	A	X	C
		40	104	C	C			A	B		C
		60	140	X	X			A	C		X
		80	176					A	X		
		100	212					A			
		120	248								
Carbon Monoxide CO	Gas	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			
Carbon Tetrachloride CCl_4	Pure	20	68	C	C	X	A	A	B	X	X
		40	104	X	X		A	A			
		60	140				A	A			
		80	176				A	A			
		100	212				A	A			
		120	248					A			
Carbonic Acid H_2CO_3	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		B	B	A	A	A	A	B
		100	212				A	A	B		
		120	248				A	A			
Casein		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	A	
		100	212				A	A			
		120	248				A	A			

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