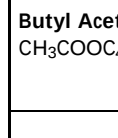
Chemicals: Boric Acid - Butylene

(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
Boric Acid H_3BO_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	A	A	A	A	B	B
		100	212				A	A	B		
		120	248				A	A			
Boron Trichloride BCl_3		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	
		80	176			A	A	A	A		
		100	212				A	A			
		120	248					A			
Bromic Acid $HBrO_3$	Pure	20	68	A	A	X	A	A			
		40	104	A	A		A	A			
		60	140				A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				B	A			
Bromine Vapor	25	20	68	B		X	A	A	A	X	X
		40	104	C			A	A	A		
		60	140				A	A	A		
		80	176				A	A			
		100	212				B	A			
		120	248				B	A			
Bromine Solution (Aqueous)	Satu	20	68	A	C	C	A	A	A	X	X
		40	104	B		X	A	A	A		
		60	140				A	A			
		80	176				A	A			
		100	212				B	A			
		120	248				B	A			
Butadiene $CH_2{=}CHCH{=}CH_2$	Gas	20	68	A	A		A	A	A	X	B
		40	104	A	A		A	A	A		C
		60	140	A			A	A	A		
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Butane $CH_3(CH_2)_2CH_3$	Gas	20	68	A	A	A	A	A	A	X	A
		40	104	A	A	A	A	A	A		B
		60	140	A	A	A	A	A	A		
		80	176		A	A	A	A	A		
		100	212					A			
		120	248					A			
Butyl Acetate $CH_3COOC_4H_9$	Pure	20	68	C	C	C	A	A	X	B	X
		40	104	X	X	X	B	A		C	
		60	140				X	A		X	
		80	176								
		100	212								
		120	248								
Butyl Acrylate $CH_2{=}CHCOOC_4H_9$	Pure	20	68	X	X	X	A	A	X	A	X
		40	104				B	A		A	
		60	140				C	A			
		80	176				X				
		100	212								
		120	248								
Butyl Alcohol C_4H_9OH	Pure	20	68	A	A	A	A	A	A	A	B
		40	104	A	A	A	A	A	B	A	B
		60	140	B	A	A	A	A	C	A	B
		80	176		B	A	A	A		A	
		100	212				A	A			
		120	248				A	A			
Butyl Amine $C_4H_9NH_2$	Satu	20	68	X	X	X	B	A	A	X	A
		40	104				X	A			
		60	140					A			
		80	176								
		100	212								
		120	248								

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Butyl Bromide C_4H_9Br	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			
Butyl Carbitol $O\langle^{CH_2CH_2OC_4H_9}_{CH_2CH_2OH}$		20	68				A	A		A	A
		40	104				B	A			
		60	140				C	A			
		80	176								
		100	212								
		120	248								
Butyl Cellosolve $C_4H_9O(CH_2)_2OH$	Pure	20	68				A	A	X		X
		40	104				A	A			
		60	140				B	A			
		80	176				C	A			
		100	212				X				
		120	248								
Butyl Chloride $CH_3(CH_2)_3Cl$		20	68	X	X	X	A	A			
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Butyn Diol $HOCl_2{\equiv}CCH_2OH$		20	68	A		A	A	A	A	A	A
		40	104	B		A	A	A	A	A	A
		60	140			A	A	A	A	A	A
		80	176				A	A			
		100	212					A			
		120	248					A			
Butyl Ether $C_4H_9OC_4H_9$		20	68	X	X	C	A	A	X	X	B
		40	104				A	A			
		60	140				C	A			
		80	176				X				
		100	212								
		120	248								
Butyl Mercaptan $CH_3(CH_2)_3SH$	Pure	20	68				A	A			
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212								
		120	248								
Butyl Phenol 		20	68	C	C	A	A	A	C	X	X
		40	104			B	A	A			
		60	140				A	A			
		80	176					A			
		100	212					A			
		120	248					A			
Butyl Phthalate $C_6H_4(COOC_4H_9)COOH$		20	68			A	A	A	B	B	X
		40	104			A	B	A	B		
		60	140			A	C		X		
		80	176				X				
		100	212								
		120	248								
Butyl Stearate $C_{17}H_{35}COOC_4H_9$	Pure	20	68				A	A	A	C	A
		40	104				A	A	A		B
		60	140				A	A	A		C
		80	176				A	A			
		100	212					A			
		120	248					A			
Butylene $CH_3CH_2CH{=}CH_2$		20	68				A	A	A		
		40	104				A	A	A		
		60	140				A	A	A		
		80	176				A	A	B		
		100	212				A	A			
		120	248				A	A			