

TECHNICAL INFORMATION and DATA

Corrosive Agent	Concentration	L	Temperature	C	C + F	A2	A4	div.
Barium hydroxide	Ba (OH) ₂ saturated		20°C boiling	0 0	0 0	0 0	0 0	
Barium nitrate	Ba (NO ₃) ₂ any		boiling	0	0	0	0	
Beer	-		20°C 70°C	- -	- -	0 0	0 0	
Benzene (Gasoline)	C ₆ H ₆ -		20°C or. boiling	0	0	0	0	
Benzoic acid	C ₆ H ₅ COOH all concentrated		20°C boiling	- -	0 0	0 0	0 0	
Blood	-		20°C	-	-	0	0	
Boric acid	H ₃ BO ₃ all concentrated		20°C boiling	- 1	0 1	0 0	0 0	
Brandy	-		20 °C boiling	- -	- -	0 0	0 0	
Brine	-	x	20°C boiling	- -	0 -	0 2	0 1	0°
Bromine Br	-	x	20 °C boiling	3 3	3 3	3 3	3 3	
Bromine water	0,03 % 0,3 % 1,0 %	x x x	20°C 20°C 20°C	- - -	- - -	0 1 3	0 1 3	
Buttermilk	-		20°C	1	0	0	0	
Butyric acid	C ₃ H ₇ COOH 100 %		20°C boiling	- 2	0 2	0 1	0 0	
Cadmium Cd	-		molten	-	-	2	2	
Calcium sulphate	Ca SO ₄ saturated		20°C	-	-	0	0	
Calcium sulphite	Ca SO ₃ cold saturated		20°C	-	-	0	0	
Camphor	C ₁₀ H ₁₆ O -		20°C	0	0	0	0	
Carbon dioxide	= carbonic acid dry humid		hot hot	0 1	0 1	0 0	0 0	
Carbon disulphide	C S ₂ -		20°C	0	0	0	0	
Carbon tetrachloride	C Cl ₄ water-free = tetrachloromethane		20°C boiling	0 0	0 0	0 0	0 0	
Carbonate of ammonia	NH ₄ HCO ₃ + NH ₄ CO ₂ NH ₂ cold saturated		20°C boiling	0 0	0 0	0 0	0 0	
Carallite	KCl, MgCl ₂ , 6 H ₂ O cold saturated	x	20°C boiling	2 3	2 3	- 1	- 1	0° 0°
Cheese	-		20°C	-	-	0	0	
Chlorbenzene	C ₅ H ₅ Cl dry HClO ₃		20°C boiling	2 3	1 2	0 0	0 0	
Chloric acid	-	x	20°C	-	-	3	3	1°
Chloride of lime	Ca (ClO) ₂ , CaO, 2H ₂ O dry humid 2,5g Cl/l	x	20°C 20°C 20°C	3 3 3	3 3 3	1 1 1	1 1 0	0°
bleaching solution	gas in dry state -		20°C 20°C	0 3	0 3	0 3	0 3	
Chlorine gas Cl	in humid state -	x	100°C	3	3	3	3	
Chloroform	CH Cl ₃ water-free		20°C boiling	0 0	0 0	0 0	0 0	
Chlorosulphonate acid	HSO ₃ Cl 10 % concentated	x x	20°C 20°C	3 3	3 3	0 0	3 0	
Chlorine water	water saturated with Cl	x	20°C	3	3	1	1	0°
Chocolate	-		20°C	0	0	0	0	
Chromic acid	CrO ₂ 10 % pure SO ₃ -free 50 % pure SO ₃ -free 50 % comm. with SO ₃		20°C boiling 20°C boiling 20°C boiling	0 3 3 3 3 3	0 3 3 3 3 3	0 2 1 3 1 3	0 1 1 2 1 3	0+ 0+ 2+ - -
Chrome sulphate	Cr ₂ (SO ₄) ₃ , 18 H ₂ O hot saturated		20°C	-	0	0	0	
Cider	-		20°C	-	-	0	0	
Citric acid	HO C (CH ₂ COOH) ₂ COOH, H ₂ O 1 % 10 % 25 % 50 % 5 % , 3 at		20°C boiling 20°C boiling 20°C boiling 140°C	1 2 2 3 2 2	0 1 1 2 1 1	0 0 0 2 0 1	0 0 0 0 0 0	0+ 0+ 0+ 0+ 0+ 0+
Coal tar, pure	-		20°C and hot	0	0	0	0	
Coffee	-		20°C boiling	- -	- -	0 0	0 0	
Copper-II-acetate	(CH ₃ COO) ₂ Cu, H ₂ O -		20°C boiling	- -	0 0	0 0	0 0	
Copper-II-chloride	Cu Cl ₂ , 2 H ₂ O cold saturated	x	20°C	3	3	3	3	