

MARYLAND METRICS

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TECHNICAL INFORMATION and DATA

Corrosive Agent	Concentration	L	Temperature	C 4021 4104	C + F 4016 4510 4057	A2 4301 4306 4541 4305 4540	A4 4401 4404 4436 4571 4435	div. 4449* 4577* 4506+ 4539*
Pyrogalllic acid = pyrogallol C ₆ H ₃ (OH) ₃	all concentrated		20°C	-	0	0	0	0
Quinine sulphate	-		20°C	0	0	0	0	0
Salicyclic acid HO C ₆ H ₄ COOH	-		20°C	-	0	0	0	0
Sauerkraut pickle	-	x	-	-	-	2	1	
Silver bromide Ag Br	-	x	20°C	-	0	0	0	0
Silver chloride Ag Cl	-	x	-	-	3	3	3	
Silver nitrate Ag NO ₃	10 % fused mass		boiling 250°C	0 3	0 2	0 0	0 0	0 0
Spinning bath (viscous bath) H ₂ SO ₄ H ₂ SO ₄	up to 10 % over 10 %		70°C 70°C	3 3	3 3	2 3	1 3	0+ 1+^
Soap	-		20°C	0	0	0	0	0
Sodium acetate CH ₃ COO Na, 3 H ₂ O	saturated		boiling	0	0	0	0	0
Sodium bicarbonate Na HCO ₃	jede		20°C	0	0	0	0	0
Sodium bisulphate Na HSO ₄ , H ₂ O	10 %		boiling	-	-	1	0	0
Sodium bisulphite Na HSO ₃	50 %	x	boiling	-	-	0	0	0
Sodium bromide Na Br	20 %	x	80°C	-	-	-	-	0°
Sodium carbonate Na ₂ CO ₃ , 10 H ₂ O	10 % cold saturated fused mass		boiling boiling 900°C	0 0 3	0 0 3	0 0 3	0 0 3	0 0 0
Sodium chlorate Na ClO ₃	30 %	x	20°C and boiling	-	-	0	0	0
Sodium chloride Na Cl = table salt	cold saturated hot saturated	x	20°C 100°C 100°C	1 2 3	0 0 2	0 1 1	0 0 1	0 0 0°
Sodium chlorite Na ClO ₂	5 %		20°C boiling	- -	- -	2 3	2 2	1° 2°
Sodium fluoride Na F	5 %		20°C	-	-	-	-	0
Sodium hydrogenphosphate Na ₂ HPO ₄ , 12 H ₂ O	-		boiling	-	0	0	0	0
Sodium hydroxide = caustic soda Na OH	25 % 50 % fused mass		20°C boiling boiling 320°C	0 2 3 3	0 2 2 3	0 1 2 3	0 1 2 3	0 0+ 1+ 3+
Sodium hypochlorite Na ClO = bleach	5 %	x	20°C boiling	3 3	2 3	1 1	1 1	0° 1°
Sodium nitrate Na NO ₃ = sodium salpeter	- fused mass		20°C boiling 360°C	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
Sodium nitrite Na NO ₂	hot saturated		boiling	-	0	0	0	0
Sodium p-toluensulphonchloramine = chloramine-T CH ₃ C ₆ H ₄ SO ₂ NCINa, 3 H ₂ O	-		20°C and boiling	-	-	1	0	0
Sodium perborate Na BO ₃ , 4 H ₂ O	cold saturated		20°C	-	0	0	0	0
Sodium perchlorate Na ClO ₄ , 4 H ₂ O	10 %		boiling	2	2	0	0	0
Sodium peroxyd Na ₂ O ₂	10 %		20°C boiling to 80°C	2 3 3	2 2 2	0 0 0	0 0 0	0 0 0
stabilized by 10% sodium silicate	10 %							
Sodium phosphate sec. Na ₂ PO ₄ , 12 H ₂ O	-		20°C and boiling	0	0	0	0	0
Sodium phosphate tert. Na ₃ PO ₄ , 12 H ₂ O	-		20°C and boiling	0	0	0	0	0
Sodium salicylate HO C ₆ H ₄ COO Na	-		20°C	0	0	0	0	0
Sodium silicate Na ₂ SiO ₃	-		20°C and boiling	0	0	0	0	0
Sodium sulphate = Glauber salt Na ₂ SO ₄ , 10 H ₂ O	cold saturated		20°C boiling	- 1	0 0	0 0	0 0	0 0
Sodium sulphide Na ₂ S, 9 H ₂ O	25 % sat. soln.		boiling 100°C	- -	2 -	0 1	0 1	0 1+
Sodium sulphite Na ₂ SO ₃ , 7 H ₂ O	50 %		boiling	2	2	0	0	0
Sodium tetraborate = borax Na ₂ B ₄ O ₇ , 10 H ₂ O	saturated molten		boiling	0 3	0 3	0 3	0 3	0 0
Sodium thiosulphate Na ₂ S ₂ O ₃ , 5 H ₂ O	25 %		20°C boiling	- -	0 0	0 0	0 0	0 0
Soft soap	-		20°C	0	0	0	0	0
Stearic acid C ₁₇ H ₃₅ COOH	-		20°C 130°C	0 -	0 -	0 0	0 0	0 0
Sugar solution	-		20°C boiling	0 0	0 0	0 0	0 0	0 0