

# 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*
Pyrogallic acid = pyrogallol C <sub>6</sub> H <sub>3</sub> (OH) <sub>3</sub>	all concentrated		20°C	-	0	0	0	0
Quinine sulphate	-		20°C	0	0	0	0	0
Salicylic acid HO C <sub>6</sub> H <sub>4</sub> 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 <sub>3</sub>	10 % fused mass		boiling 250°C	0 3	0 2	0 0	0 0	0 0
Spinning bath (viscous bath) H <sub>2</sub> SO <sub>4</sub> H <sub>2</sub> SO <sub>4</sub>	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 <sub>3</sub> COO Na, 3 H <sub>2</sub> O	saturated		boiling	0	0	0	0	0
Sodium bicarbonate Na H CO <sub>3</sub>	jede		20°C	0	0	0	0	0
Sodium bisulphate Na H SO <sub>4</sub> , H <sub>2</sub> O	10 %		boiling	-	-	1	0	
Sodium bisulphite Na H SO <sub>3</sub>	50 %	x	boiling	-	-	0	0	0
Sodium bromide Na Br	20 %	x	80°C	-	-	-	-	0°
Sodium carbonate Na <sub>2</sub> CO <sub>3</sub> , 10 H <sub>2</sub> 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 Cl O <sub>3</sub>	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 Cl O <sub>2</sub>	5 %		20°C boiling	- -	- -	2 3	2 2	1° 2°
Sodium fluoride Na F	5 %		20°C	-	-	-	-	0
Sodium hydrogenphosphate Na <sub>2</sub> HPO <sub>4</sub> , 12 H <sub>2</sub> O	-		boiling	-	0	0	0	0
Sodium hydroxide = caustic soda Na O H	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 Cl O = bleach	5 %	x	20°C boiling	3 3	2 3	1 1	1 1	0° 1°
Sodium nitrate Na NO <sub>3</sub> = 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 <sub>2</sub>	hot saturated		boiling	-	0	0	0	0
Sodium p-toluensulphonchloramine = chloramine-T CH <sub>3</sub> C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub> NCINa, 3 H <sub>2</sub> O	-		20°C and boiling	-	-	1	0	
Sodium perborate Na BO <sub>3</sub> , 4 H <sub>2</sub> O	cold saturated		20°C	-	0	0	0	0
Sodium perchlorate Na Cl O <sub>4</sub> , 4 H <sub>2</sub> O	10 %		boiling	2	2	0	0	0
Sodium peroxyd Na <sub>2</sub> O <sub>2</sub>	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 <sub>2</sub> PO <sub>4</sub> , 12 H <sub>2</sub> O	-		20°C and boiling	0	0	0	0	0
Sodium phosphate tert. Na <sub>3</sub> PO <sub>4</sub> , 12 H <sub>2</sub> O	-		20°C and boiling	0	0	0	0	0
Sodium salicylate HO C <sub>6</sub> H <sub>4</sub> COO Na	-		20°C	0	0	0	0	0
Sodium silicate Na <sub>2</sub> SiO <sub>3</sub>	-		20°C and boiling	0	0	0	0	0
Sodium sulphate = Glauber salt Na <sub>2</sub> SO <sub>4</sub> , 10 H <sub>2</sub> O	cold saturated		20°C boiling	- 1	0 0	0 0	0 0	0 0
Sodium sulphide Na <sub>2</sub> S, 9 H <sub>2</sub> O	25 % sat. soln.		boiling 100°C	- -	2 -	0 1	0 1	0 1+
Sodium sulphite Na <sub>2</sub> SO <sub>3</sub> , 7 H <sub>2</sub> O	50 %		boiling	2	2	0	0	0
Sodium tetraborate = borax Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> , 10 H <sub>2</sub> O	saturated molten		20°C boiling	0 3	0 3	0 3	0 3	0 0
Sodium thiosulphate Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , 5 H <sub>2</sub> 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 <sub>17</sub> H <sub>35</sub> 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