

MARYLAND METRICS

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TECHNICAL INFORMATION and DATA

Corrosive Agent	Concentration	L	Temperature	C	C + F	A2	A4	div.
Sulphur dry	molten simmering		130°C 445°C	0 3	0 3	0 2	0 2	
Sulphur wet	-		20°C	-	1	1	0	
Sulphuric acid	1 %		20°C	3	3	1	0	
			70°C	3	3	1	0	
	2.5 %		boiling	3	3	1	1	0+
			20°C	3	3	1	0	
	5 %		70°C	3	3	1	0	
			boiling	3	3	2	2	0+
	7.5 %		20°C	3	3	1	0	
			70°C	3	3	1	1	0+
	10 %		boiling	3	3	3	2	1+
			20°C	3	3	2	1	0+
	20 %		70°C	3	3	2	2	1+0+
			boiling	3	3	3	2	1+
	40 %		20°C	3	3	1	1	0+
			70°C	3	3	2	2	1+0+
	60 %		boiling	3	3	3	3	2+
			20°C	3	3	3	2	0+
	80 %		70°C	3	3	3	3	1+0+
			boiling	3	3	3	3	2+
	98 % concentrated		20°C	3	3	1	1	0+
			70°C	3	3	3	2	1+
		boiling	3	3	3	3		
		20°C	-	0	0	0	0	
		70°C	2	2	2	2	1+	
		150°C	3	3	2	2		
		boiling	3	3	3	3		
Sulphurous acid	saturated 4at 5 - 8 at 10 - 20 at		20°C	3	2	0	0	
			135°C	3	2	1	0	
			160°C	3	3	2	1	0+
			180° - 200°C	3	3	2	1	1+
Sulphurous Gas	SO ₂ humid, free of SO ₃		up to 100°C	3	2	0	0	
			>100°C	3	3	1	0	
			>300°C	3	3	1	1	0+
			900°C	3	3	3	2	0+
Superphosphate Ca (H ₂ PO ₄) ₂ + Ca SO ₄ + 3 % H ₂ SO ₄	-		20°C	-	-	0	0	
Tannic acid = tannin	5 % 10 % 50 %		20°C	0	0	0	0	
			boiling	1	0	0	0	
			20°C	0	0	0	0	
			boiling	1	0	0	0	
Tartaric acid COOH (CHOH) ₂ COOH	10 % 50 %		20°C	1	0	0	0	
			boiling	2	2	0	0	
			20°C	2	1	0	0	
			boiling	3	2	2	2	1+
Thioglycollic acid	HS CH ₂ COOH	-	20°C boiling	- -	- -	- -	1 1	0+ 0+
Tin Sn	molten		300°C	2	2	0	0	
			400°C	3	3	1	1	
			600°C	3	3	3	3	
Tin-IV-chloride Sn Cl ₄	-	x	20°C	3	3	3	2	
			boiling	3	3	3	3	
Tin-II-chloride Sn Cl ₂ , 2 H ₂ O	hot saturated	x	50°C	3	2	1	0	
			boiling	3	3	3	3	
Toluene C ₆ H ₅ CH ₃	-		20°C and boiling	0	0	0	0	
Trichloroethylene C ₂ H Cl ₃	-		boiling	0	0	0	0	
Trichloroacetic acid C Cl ₃ - COOH	water free	x	20°C	-	-	3	3	
Turpentine, oil of	-		20°C and hot	0	0	0	0	
Urea CO (NH ₂) ₂	-		20°C	0	0	0	0	
Urine	-	x	20°C boiling	- -	- -	0 0	0 0	
Varnish = copal varnish	-		-	0	0	0	0	
Vaseline	-		20°C hot	0 0	0 0	0 0	0 0	
Vegetables	-		boiling	-	-	0	0	0