

# MARYLAND METRICS

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## TECHNICAL INFORMATION and DATA

Corrosive Agent	Concentration	L	Temperature	C	C + F	A2	A4	div.	
Hydrochloric acid	H Cl	0,5%	x	20°C boiling	3 3	2 3	1 3	1 3	0 <sup>+</sup> + <sup>+</sup>
Hydrocyanic acid	HCN	-		20°C	-	0	0	0	
Hydrofluoric acid	H <sub>2</sub> F <sub>2</sub>	40 %		20°C	3	3	3	3	
Hydrogen chloride		-	x	20°C	3	2	1	1	
	H Cl	-	x	50°C	3	2	1	1	
		-	x	100°C	3	3	2	1	
		-	x	400°C	3	3	3	3	
Hydrogen fluoride	H F	gaseous form dry		100°C	3	3	1	1	
Hydrogen peroxide	H <sub>2</sub> O <sub>2</sub>	-		20°C	0	0	0	0	
Hydrogen sulphide		<4		20°C	0	0	0	0	
	dry			100°C	0	0	0	0	
	H <sub>2</sub> S			<400°C	2	2	0	0	
Hydroxylamine sulphate	(NH <sub>2</sub> OH) <sub>2</sub> H <sub>2</sub> SO <sub>4</sub>	10 %		20°C boiling	- -	- -	0 0	0 0	
Iodine		dry		20°C	0	0	0	0	
		humid	x	20°C	2	2	1	0	
Iodine, tincture of		-	x	20°C	2	2	1	1	0 <sup>+</sup>
Iodoform		vapours		20°C	0	0	0	0	
	CHJ <sub>3</sub>			60°C	0	0	0	0	
Iron phosphate	(by the bonderizing process)	-		98°C	1	0	0	0	
Lactic acid		1,5 %		20°C	1	0	0	0	
	CH <sub>3</sub> CHO H COOH			boiling	-	1	0	0	
		10 %		20°C	1	1	0	0	
		80 %		boiling	3	3	2	1	0+
		concentrated		20°C	1	1	0	0	
				boiling	3	2	2	1	0+
				boiling	3	2	2	1	0+
Lead 3 Pb		molten		400°C 600°C	- -	- -	- 1	- -	
Lead acetate = sugar of lead	Pb (CH <sub>3</sub> COO) <sub>2</sub> , 3H <sub>2</sub> O	all		20°C	-	0	0	0	
	concentrated			boiling	1	0	0	0	
Lead nitrate	Pb (NO <sub>3</sub> ) <sub>2</sub>	-		20°C	1	0	0	0	
Lemon juice		-		20°C	-	-	0	0	
Linseed oil		-		20°C	0	0	0	0	
	+ 3 % H <sub>2</sub> SO <sub>4</sub>			200°C	-	-	0	0	
Liqueur		-		-	0	0	0	0	
Lysoform		-		boiling	0	0	0	0	
Lysol		-		boiling	0	0	0	0	
Magnesium carbonate	Mg CO <sub>3</sub>	-		20°C	0	0	0	0	
Magnesium chloride		10 %	x	20°C	2	1	0	0	
	Mg Cl <sub>2</sub> , 6 H <sub>2</sub> O	30 %		20°C	2	1	0	0	
Magnesium sulphate	= Epsom salts	concentrated		20°C	2	1	0	0	
	Mg SO <sub>4</sub> , 7 H <sub>2</sub> O			boiling	-	-	0	0	
Maleic acid	(CH CO OH) <sub>2</sub>	50 %		100°C	0	0	0	0	
Malic acid		to 50 %		20°C	-	0	0	0	
	(COOH) <sub>2</sub> CH <sub>2</sub> CH OH			50°C	0	0	0	0	
				100°C	0	0	0	0	
Manganese-II-chloride		10 %		boiling	-	-	0	0	
	Mn Cl <sub>2</sub> , 4 H <sub>2</sub> O	50 %		boiling	-	-	0	0	
Manganese-II-sulphate	Mn SO <sub>4</sub> , 7 H <sub>2</sub> O	-		20°C	0	0	0	0	
Meat		-		-	-	0	0	0	
Melted fat		-		20°C	0	0	0	0	
Mercuric cyanide	Hg (CN) <sub>2</sub>	-		-	2	2	0	0	
Mercury Hg		-		20°C	0	0	0	0	
				50°C	0	0	0	0	
Mercury-II-acetate		cold saturated		20°C	0	0	0	0	
	Hg (CH <sub>3</sub> COO) <sub>2</sub>	hot saturated		boiling	-	0	0	0	
Mercury-II-chloride		0,1 %	x	20°C	2	1	0	0	
Hg Cl <sub>2</sub> (sublimite)				boiling	3	2	1	0	
Mercury-II-chloride		0,7 %		20°C	2	2	1	1	0 <sup>+</sup>
		boiling	3	3	2	2	1 <sup>+</sup>		
Mercury-II-nitrate (Hg NO <sub>3</sub> ) <sub>2</sub> , 2 H <sub>2</sub> O		-		boiling	0	0	0	0	
Methyl alcohol		all		20°C	0	0	0	0	
	C H <sub>3</sub> O H	concentrated		65°C	0	0	0	0	
Methyl chloride	CH <sub>3</sub> Cl	water-free		boiling	0	0	0	0	
Methylene chloride	CH <sub>2</sub> Cl <sub>2</sub>	water-free		boiling	0	0	0	0	
Milk		fresh		to 70°C	-	0	0	0	
		sour		to 70°C	-	1	0	0	