

# MARYLAND METRICS

P.O.Box 261 Owings Mills, MD 21117 USA

(410)358-3130 (800)638-1830 Faxes: (410)358-3142 (800)872-9329

http://mdmetric.com

techinfo@mdmetric.com

## TECHNICAL INFORMATION and DATA

Corrosive Agent	Concentration	L	Temperature	C	C + F	A2	A4	div.
				4021 4104	4016 4510 4057	4301 4306 4541 4305 4540	4401 4404 4436 4571 4435	4449° 4577° 4506° 4539°
Vinegar	= wine vinegar	-	20°C boiling	0 2	0 1	0 0	0 0	
Washing powder		-	-	-	0	0	-	
Waste water	(acid-free)	-	to 40°C	1	0	0	0	
Waste water	(with traces of sulphuric acid)	-	to 40°C	2	2	0	0	
Water	tap water	-	20°C	0	0	0	0	
Waterglass (sodium silicate)		-	20°C boiling	0 0	0 0	0 0	0 0	
Water vapour		-	400°C	0	0	0	0	
Water vapour with SO <sub>2</sub>		-	-	2	-	1	0	
Water vapour with CO <sub>2</sub>		-	-	2	2	0	0	
Wine	(red wine, white wine)	-	20°C hot	- -	- -	0 0	0 0	
Xylol	C <sub>6</sub> H <sub>4</sub> (CH <sub>3</sub> ) <sub>2</sub>	-	20°C boiling	0 0	0 0	0 0	0 0	
Zink Zn		molten	500°C	3	3	3	3	
Zink chloride	Zn Cl <sub>2</sub>	-	20°C 45°C boiling	1 - 3	1 - 3	0 2 3	0 1 2	1° 1°
Zink cyanide dampened with water	Zn (CN) <sub>2</sub>	-	20°C	1	1	0	0	
Zink sulphate	Zn SO <sub>4</sub> · 7 H <sub>2</sub> O	cold saturated hot saturated	20°C boiling	- -	- -	0 0	0 0	
Alcohol	= methyl and ethyl alcohol		Slaked lime			= calcium hydroxide		
Alum	= potassium aluminium sulphate		Soda			= sodium carbonate		
Ammonium alum	= aluminium ammonium sulphate		Spirits of wine			= ethyl alcohol		
Antichlor	= sodium thiosulphate		Sugar of lead			= lead acetate		
Aspirin	= acetylic acid		Steam			= water vapour		
Bleach	= sodium hypochloride		Sublimate			= mercury-II-chloride		
Bleach	= sodium hypochlorite and / chlorite		Sulphite lye			= calcium bisulphite		
Bleaching solution	= chloride of lime		Sulphur (II) chloride			= sulphur dichloride		
Bonderizing solution	= iron phosphate		Sulphur dioxide			= sulphurous acid (gas)		
Borax	= sodium tetraborate		Tannic			= tannic acid		
Carbolic acid	= phenol		Tartar			= potassium bitartrate		
Caustic potash	= potassium hydroxide		Tetrachloromethane			= carbon tetrachloride		
Caustic soda	= sodium hydroxide		Trisodium			= sodium phosphate tert.		
Chloramine- T	= sodium p-toluensulphonchloramine		Wine vinegar			= vinega		
Chloride of lime	= calcium chloride		Yellow prussiate of potash			= potassium ferrocyanide (II)		
Chloroacetic acid	= mono- and trichloroacetic acid							
Chrome alum	= potassium chrome alum							
Cynide of potash	= potassium cyanide							
Developer	= photographic developer							
Epsom salts	= magnesium sulphate							
Ethylene dichloride	= Dichloroethane							
Fixer	= photographic fixing agent							
Glacial acetic acid	= acetic acid							
Glauber salt	= sodium sulphate							
Hydrochloric acid gas form	= hydrogen chloride gas							
Industrial air	= atmosphere							
Ink	= ferro-gallic ink							
Liquid ammonia	= Ammonium hydroxyde							
Lubricating oil	= oil							
Methyl aldehyde	= formaldehyde							
Nitrating acids	= mixed acid							
Oleic acid	= Fatty acid							
Pink salt	= ammonium hexachlorostannate (IV)							
Potash	= potassium carbonate							
Precipitating bath	= spinning bath							
Prussic acid	= hydrocyanic acid							
Prussiate of potash	= potassium cyanoferrate (III) (red) potassium cyanoferrate (II) (yellow)							
Pulp	= fruit pulp							
Quicklime	= calcium hydroxide							
Red prussiate of potash	= potassium ferrocyanide (III)							
Refrigerating brine	= calcium chloride							
Sal-ammoniac	= Ammonium chloride							
Salt peter	= potassium nitrate / sodium nitrate							
Sea-water	= salt-water							
Silver bromide	= Silver bromide							