

MARYLAND METRICS
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TECHNICAL INFORMATION and DATA

Corrosive Agent	Concentration	L	Temperature	C	C + F	A2	A4	div.
Phosphoric acid (pure) H ₃ PO ₄	1 %		20°C	-	0	0	0	
	10 %		boiling	1	1	0	0	
			20°C	2	1	0	0	
	45 %		boiling	2	2	0	0	
			20°C	2	2	0	0	
	60 %		boiling	3	2	2	1	1+0*
			20°C	2	2	0	0	
	70 %		boiling	3	3	2	1	1+0*
		20°C	2	2	0	0		
80 %		boiling	3	3	2	2	1+0*	
		20°C	2	2	1	0		
		boiling	3	3	3	2	1+*	
concentrated			20°C	2	2	1	0	
			boiling	3	3	3	3	
Phosphorous pentoxide	P ₂ O ₅	dry or humid	20°C	-	-	1	0	
Photographic developer	-	-	20°C	1	0	0	0	
Photographic fixer	-	x	20°C	3	3	1	0	
Picric acid	C ₆ H ₂ (NO ₂) ₃ OH	all concentrated	20°C	-	0	0	0	
Potassium acetate	CH ₃ COO K	-	molten	-	-	0	0	
Potassium aluminium sulphate = alum KAL (SO ₄) ₂ , 12 H ₂ O	10 %		20°C	1	0	0	0	
	hot saturated		boiling	2	2	1	0	
			20°C	2	2	0	0	
			boiling	3	3	3	2	1+
Potassium bichromate	K ₂ Cr ₂ O ₇	25 %	20°C	0	0	0	0	
			boiling	3	2	0	0	
Potassium bifluoride	KHF ₂	cold saturated	20°C	3	2	0	0	
Potassium bisulphate	K H SO ₄	2 %	90°C	-	-	3	2	0+
		5 %	20°C	-	-	1	0	
			90°C	-	-	3	2	0+^
		15 %	90°C	-	-	3	2	1+
Potassium bisulphite	Ca H ₂ (SO ₃) ₂ = sulphite lye	-	20°C	2	2	0	0	
		20 at	boiling	3	3	2	0	
			200°C	3	3	3	0	
Potassium bitartrate	= tartar K H C ₄ H ₄ O ₆	hot saturated	cold boiling	- -	- -	0 2	0 1	0+ 0+
Potassium bromide	KBr	-	20°C	-	0	0	0	
Potassium chlorate	K Cl O ₃	hot saturated	boiling	-	0	0	0	
Potassium carbonate	K ₂ CO ₃ = potash	-	20°C	0	0	0	0	
			boiling	1	0	0	0	
Potassium chloride	Ca Cl ₂ , 6 H ₂ O	cold saturated	20°C	-	-	0	0	
			boiling	-	-	1	1	0°
Potassium chloride	K Cl	-	20°C	1	0	0	0	
		hot saturated	boiling	3	1	0	0	0°
Potassium chrome alum	= chrome alum KCr (SO ₄) ₂ , 12 H ₂ O	-	20°C	2	2	0	0	0+
			boiling	3	3	3	3	1+
Potassium cyanate	K O C N	-	20°C	0	0	0	0	
Potassium cyanide	K C N	5 %	20°C	0	0	0	0	
Potassium cyanoferrate (III)	K ₃ [Fe (CN) ₆]	-	20°C	0	0	0	0	
		hot saturated	boiling	0	0	0	0	
Potassium cyanoferrate (II)	K ₄ [Fe (CN) ₆], 3 H ₂ O	-	20°C and boiling	0	0	0	0	
Potassium hypochlorite	Ca (OCl) ₂ , 4 H ₂ O	cold saturated	to 40°C	-	-	2	1	0°
Potassium hydroxide	Ca (OH) ₂ = slaked lime	-	20°C	0	0	0	0	
			boiling	-	-	0	0	
Potassium hydroxide = caustic potash KOH		20 %	20°C	0	0	0	0	
		50 %	boiling	0	0	0	0	
			20°C	0	0	0	0	
		hot saturated fused mass	boiling	2	1	0	0	
			boiling	2	1	0	0	
		360°C	3	3	3	3		
Potassium hypochlorite	-	-	20°C	-	-	2	1	0°
Potassium iodide	K Cl O	-	150°C	-	-	2	1	0°
Potassium iodide	KJ	-	20°C boiling	2	1	0	0	
Potassium nitrate = Kalisalpeter K NO ₃		25 %	20°C	0	0	0	0	
		50 %	boiling	-	0	0	0	
			20°C	0	0	0	0	
		molten mass	boiling	-	0	0	0	
			550°C	3	0	0	0	
Potassium oxalate	K ₂ C ₂ O ₄ , H ₂ O	all	20°C	0	0	0	0	
		concentrated	boiling	-	0	0	0	
Potassium permanganate	KMnO ₄	all	20°C	0	0	0	0	
Potassium sulphate	K ₂ SO ₄	concentrated	boiling	3	1	0	0	
		-	20°C and boiling	-	0	0	0	