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Typical Product Specifications & Properties

Copper (II) nitrate, hemipentahydrate

CAS Number: : 19004-19-4

Specifications	Limits
Molecular weight	465.19
EINECS	221-838-5
SMILES	[Cu+2].[N+](=[O-])(=O)[O-].[N+](=[O-])(=O)[O-].O.[Cu+2].[N+](=[O-])(=O)[O-].[N+](=[O-])(=O)[O-].O.O.O.O
InChI	IZDJJEMZQZQQQQ-UHFFFAOYSA-N
InChIKey	1S/2Cu.4NO3.5H2O/c;;4*2-1(3)4;;;;/h;;;;;5*1H2/q2*+2;4*-1;;;;
Merck	14,2643
Melting Point	114.5 °C (dec.)
Boiling Point	170°C
Form	Powder/Solid
Water solubility	Soluble in water, ammonia and ethanol
Sensitive	Hygroscopic
Density	2.32



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Specifications	Limits
Flash Point	170°C
Color	Blue
Chemical Structure	 146775_146775_copper-ii-nitrate-hemipentahydrate.png chemical structure



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