

# Product Data Sheet

<b>Chemical Formula:</b>	CuSO <sub>4</sub> •5H <sub>2</sub> O	
<b>Chemical Name:</b>	<b>Copper Sulphate Pentahydrate.</b>	
<b>Grade:</b>	Technical.	
<b>CAS Number:</b>	7758-99-8	
<b>Act 36 of 1947:</b>	B 2549	
<b>Synonyms:</b>	Blue vitriol, blue stone or blue copperas.	
<b>Appearance:</b>	Fine blue crystals.	
<b>Packaging:</b>	25kg Polyethylene bags or 400kg, 500kg and 750kg woven polypropylene bags.	
<b>Particle Size:</b>	3 mm.	
<b>Purity:</b>	98 % minimum.	
<b>Recommended Uses:</b>	Agriculture (soil additive, pesticides, Bordeaux mixture), germicides, textile mordant, leather industry, pigments, electric batteries, electroplated coatings, copper salts, reagent in analytical chemistry, wood preservative, preservation of pulp wood and ground pulp, process engraving and lithography, ore floatation, petroleum industry, synthetic rubber, steel manufacture, treatment of natural asphalts.	
<b>Specifications:</b>	Cu	25 % minimum.
<b>Typical Analysis:</b>	Cu	25.3 %
	Fe	0.03 %
	Ni	0.010 %
	Pb	0.005 %
	Cl	0.017 %
	Free water	0.5 %
	Water Insol	0.1 %
<b>Bulk density (uncompacted) kg / ℓ</b>	1.16	

**Supplier:**



Web: [www.kimleigh.com](http://www.kimleigh.com)

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