

Product Data Sheet

Chemical Formula:	CuSO ₄ •5H ₂ O	
Chemical Name:	Copper Sulphate Pentahydrate.	
Grade:	Feed grade.	
CAS Number:	7758-99-8	
Act 36 of 1947:	V 10929	
Synonyms:	Blue vitriol, blue stone or blue copperas.	
Appearance:	Fine free-flowing blue crystals.	
Packaging:	25kg Polyethylene or 500kg woven polypropylene bags.	
Particle Size:	-600 Micron to dust.	
Purity:	98 % minimum.	
Recommended Uses:	Agriculture, feed additive, germicides, textile mordant, leather industry, pigments, electric batteries, copper salts, reagent in analytical chemistry, medicine, wood preservative, ore floatation, petroleum industry, synthetic rubber and steel manufacture.	
Specifications:	Cu	25 % minimum.
Typical Analysis:	Cu	25.0 %
	Fe	300 ppm
	As	0.01 – 10 ppm
	Pb	0.1 – 6 ppm
	Hg	0.1 – 1 ppm
	Cd	2 – 7 ppm
	Free water	0.1 %
	Water Insol	0.05 %

Bulk density (uncompacted) kg / ℓ 1.41

Supplier: Kimleigh Chemicals SA (Pty) Ltd
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Disclaimer: The data given above are based on our continuous quality monitoring system (ISO 9001, ISO 14001 and OHSAS 18001) and FAMI-QS accreditation and do not exempt users from their obligation to establish their own quality control of the delivered product. The data are for information purposes only and are not to be taken as a guarantee. The user is responsible to determine the product's suitability for its intended use.