

Product Data Sheet



www.kimleigh.com

TEL: | +27 18 293 1028: | +27 18 285 1014

Reg. No. 1974/000531/07

PO Box 1097 | Potchefstroom | 2520 | South Africa

11 Jasper vd Westhuizen Str | Potchindustria | Potchefstroom | 2531

Trade name: CS98-TECH

Product range: *AqCua*[®]

Product Name	: <i>AqCua</i> [®] CS98-TECH
Chemical Name	: Copper Sulphate Pentahydrate
Chemical Formula	: $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
Grade	: Technical grade
CAS Number	: 775899-8
Act 36 of 1947	: B2549
Synonyms	: Blue vitriol, blue stone or blue copperas
Appearance	: Fine blue crystals
Packaging	: 25 kg Polyethylene bags or 400 kg, 500 kg and 750 kg woven polypropylene bags
Purity	: 98% minimum
Bulk Density (uncompacted) (20°C)	: 1.16 kg/m ³
Particle size	: 3 mm

Recommended Uses

: 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.

Typical Analysis

Copper (Cu):	25% minimum
Iron (Fe):	0.03%
Nickel (Ni):	0.010%
Chlorine (Cl):	0.017%
Free water:	0.5%
Water insol.:	0.1%

Disclaimer: KIMLEIGH CHEMICALS SA (Pty) Ltd provides the information contained herein in good faith but does not assume any liability whatsoever for its accuracy or completeness. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

QAF0063-07	Original date:	22.03.2007	Version:	7.000	Revision date:	14.08.2019	Page 1 of 1
------------	----------------	------------	----------	-------	----------------	------------	-------------