

Product Data Sheet



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Trade name: CS98-TECH

Product range: *AqCua*[®]

Product name : *AqCua*[®] 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

Specifications:

Purity : 98% minimum
Bulk density (uncompacted) (20°C) : 1.16 kg/m³
Particle size : 3 mm

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%

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.

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