

Product Data Sheet



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Trade name: CS22-SOL

Product range: *AqCua*[®]

Product Name	: <i>AqCua</i> [®] CS22-SOL
Chemical Name	: Copper Sulphate Pentahydrate Solution
Chemical Formula	: Aqueous solution of $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
Grade	: Technical grade
CAS Number	: 775899-8
Synonyms	: Blue vitriol or blue copperas
Appearance	: Light blue, odourless solution
Packaging	: Bulk liquid
Density (20°C)	: 1.15 kg/ℓ

Recommended Uses

: Used as a fungicide, algacide, fertilizer and herbicide. Also used to kill slugs and snails in irrigation and municipal water treatment systems.

Non-agricultural uses include germicide, textile mordant, leather industry, pigments, electric batteries, electroplating coatings, copper salts, reagent in analytical chemistry, medicine, wood preservation, process engraving and lithography, ore floatation, petroleum industry, synthetic rubber, steel manufacture, and treatment of natural asphalts.

Typical Analysis

CuSO ₄ .5H ₂ O:	22% minimum (m/m)
Copper (Cu):	5.57% - 5.6% minimum (m/m)

Crystallization may occur at temperatures below 0°C.

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