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PRODUCT: COPPER SULPHATE

-USES AND SPECIFICATION

This salt exists as a series of compounds that differ in their degree of hydration. The anhydrous form is a pale green or gray-white powder, whereas the pentahydrate the most commonly encountered salt is bright blue. It is used in Organic synthesis, as an herbicide, fungicide, pesticide. Mixed with Lime it is called Bordeaux Mixture to control fungus on grapes and other berries. Most species of algae can be controlled with very low concentrations of Copper Sulphate. Other applications include hair dyes, coloring glass, processing of leather and textiles.

SPECIFICATION

Assay as $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ % 99.2%
Min

Total copper content as Cu 25.0%
Min

Matter insoluble in H₂O 0.1%
Max

Iron as Fe 1000 ppm

Max

Chlorine as Cl 300 ppm Max

PH of 5% solution at 25°C 3.5



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