

# Product Data Sheet

**Chemical Formula:** Aqueous solution of  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ .  
**Chemical Name:** **Copper Sulphate Pentahydrate Solution.**  
**Grade:** Technical.  
**Synonyms:** Blue vitriol or blue copperas.  
**Appearance:** Light blue odourless solution.  
**Packaging:** Bulk liquid.

**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 preservative; process engraving and lithography; ore floatation; petroleum industry; synthetic rubber; steel manufacture; and treatment of natural asphalts.

**Specifications:**  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$  22 % m/m minimum.

**Typical Analysis:** Cu 5.57 % m/m minimum.

**Physical Properties:** Colour Blue.

**Density at 25 °C:** 1,15 kg / ℓ

Crystallization may occur at temperatures below 0 °C.

**Supplier:**



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