

Coopper Sulphate



1. IDENTIFICATION

CHEMICAL NAME: Coopper Sulphate pentahydrate

CHEMICAL FORMULA: $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

CAS No.: 7758-99-8

EINECS No.: 231-847-6

MOLECULAR WEIGHT: 249,69 g/mol

2. FEATURES

PROPERTIES	VALUE
Purity	> 98%
Appearance / Colour	Solid (crystals) of blue colour
Odour	Odourless
pH (at 50 g/l H_2O ; 20°C)	3,5 – 4,5
Relative Density	2,284 g/cm ³ (25°C)
Water solubility	Soluble

3. APPLICATION

- Agriculture (fungicide, algicide, bactericide and herbicide)
- Feed additive and fertilizer
- Electrolyte in batteries
- Wood preservation
- Composition of pigments in paints
- pyrotechnic compositions

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