

TECHNICAL DATA SHEET

Copper Sulfate | CAS 7758-98-7

1. Product Identification

Product Name	Copper Sulfate
CAS Number	7758-98-7
Synonyms	Blue vitriol, Copper(II) sulfate pentahydrate, $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$, Cupric sulfate
Category	Lab Reagent
Available Grades	Technical/99%/LR/AR/Agricultural
HSN Code	2833.25

2. Physical & Chemical Properties

Molecular Formula	CuSO_4
Molecular Weight	159.61
Appearance	Blue crystalline solid
Density	3600 kg/m ³
Boiling Point	N/A
Melting Point	147°C (d)
Flash Point	None
Solubility	20.3g/100ml water

3. Applications

• Bordeaux mixture (fungicide) • Electroplating • Wood preservative • Algicide • Analytical reagent • Animal feed supplement

4. Industries Served

Agriculture, Chemical, Research, Animal Feed

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.