

Technical Data Sheet

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Item Name:

CuSO4

PRODUCT INFORMATION

Chinese Name:	五水硫酸铜
Commodity Name:	CuSO4
Chemical Name:	Copper(II) Sulfate Pentahydrate
Other Name:	Cupric Sulfate Pentahydrate
CAS No.:	7758-99-8
Molecular Weight:	250
Molecular Formula:	CuSO ₄ ·5H ₂ O

PRODUCT DESCRIPTION

Copper sulfate is a kind of inorganic compounds. Copper sulfate is not only used as fertilizer and but also has a widespread application of fungicide. Bordeaux liquid, copper soap liquid, and copper ammonium preparations, are made from sulfate copper, lime cream, soap and ammonium bicarbonate.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Sky blue or light yellow granular crystals
Content (CuSO ₄ ·5H ₂ O) by wt %	99 min
Cu by wt %	25.2 max
Fe by ppm	10 max
Zn by ppm	10 max
Pb by ppm	10 max
Cl by ppm	10 max
Co by ppm	5 max
Ca by ppm	5 max
As by ppm	5 max
Ni by ppm	5 max
Cd by ppm	3 max
Water-insoluble substances by wt %	0.5 max
pH value, 5% solution at 25 °C	3.5 - 4.5

PACKING AND SHELF LIFE

Packing: 25kg PP Bag with PE Liner

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.