



**CHANDRESH TECH**

## **COPPER SULPHATE PENTAHYDRATE (2500)**

**CAS NO. 7758-99-8 / EC NO. 231-847-6**

**Net wt. 25Kg / 50Kg**

- Preparation of Bordeaux and Burgundy mixtures on the farm
- Control of fungus diseases
- Correction of copper deficiency in soils
- Correction of copper deficiency in animals
- Stimulation of growth for fattening pigs and broiler chickens
- A molluscicide for the destruction of slugs and snails, particularly the snail host of the liver fluke

MARKETED BY:

**CHANDRESH TECH**

**F-6, Maharshi Complex, Nr. Under Bridge, Sardar Patel Colony,  
Naranpura. Ahmedabad - 380 013, Gujarat, India.**

MANUFACTURED BY:

**CHANDRESH TECH**

**Plot No. 3351, Phase IV, Chhatral GIDC, Gujarat, India.**



**DANGER : Harmful if swallowed  
Toxic to Aquatic Life**

# PRODUCT DATA SHEET

## COPPER SULPHATE PENTAHYDRATE



Product	Grade	CAS No.	EC No.	Version	Date
Copper Sulphate Pentahydrate	2500	7758-99-8	231-847-6	01	22-07-19

Specifications	
Appearance	Blue crystalline Powder(white or grey powder if Anhydrous).
Melting point	110°C (600°C, with decomposition, if anhydrous)
Specific gravity	2.28 g/cm <sup>3</sup> (hydrated) 3.69g/cm <sup>3</sup> (anhydrous)
Solubility	Highly soluble in water.
CuSO <sub>4.5</sub> H <sub>2</sub> O	97.00% Min
Cu	24.70% Min
Matter Insoluble In Water	0.20% Max
Soluble Iron & Aluminum	0.30% Max
PH Value	Not Less Than 3.0
Formula	CuSO <sub>4.5</sub> H <sub>2</sub> O
Appearance	Fine granular, highly free flowing
Powder	Without any lumps
Colour	Blue
Odour	Odourless
Moisture	NMT 28%
Bulk density	1.33 – 1.41 g/ml
Sieve analysis	99%should pass through 500 micron
Purity CuSO <sub>4</sub>	NLT 95%
Copper	NLT 24%
Free Sulphuric acid	NMT 0.26%
Arsenic	NMT 0.0007%
Lead	NMT 0.0009%
Mercury	Nil



### Suggested Application

Used as a fungicide to control fungus on plants. Used as feed supplement & as a trace element in feed industry. Used in pesticides, fertilizers, electroplating, welding wire & plywood industries.



### Note

These are general specifications. We can offer product as per requirement of the customer.



### Packing

25 Kg / 50 Kg HDPE Bags.  
Other special packing available on request.



### Storage

Keep Cool store in a well-ventilated place.