Email : sales@scilabexport.com
Phone: +91-7082934803

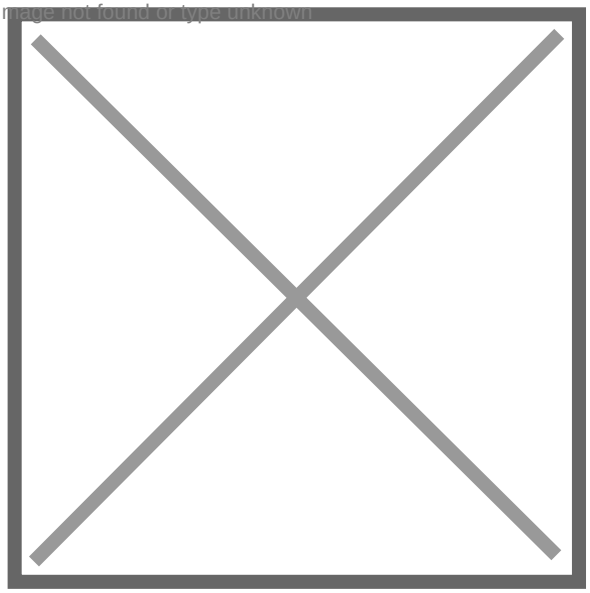
Product Name :

Hydrated Copper Sulfate 500 g

Product Code :

SCI-709/313

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Description :

Hydrated Copper Sulfate 500 g (Product Code: SCI-709/313) is an analytical reagent grade copper(II) salt in its blue hydrated crystal form, used to teach water of crystallisation,displacement reactions and crystal growth in school and college chemistry laboratories. The 500g pack suits departments that repeat these practicals across several class groups, and it comeswith an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala,India, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Chemical	Copper(II) sulfate, hydrated form
Grade	Analytical reagent
Pack size	500 g
Safety data	MSDS supplied with the pack
Shelf life	Shelf life depends on the chemical, its grade and storage conditions; ask us for the expiry date of the batch you are quoted.
Product code	SCI-709/313
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Hydrated Copper Sulfate Used For?

The classic practical is gently heating a few blue crystals in a dry china dish or test tube. The water of crystallisation is driven off and the solid turns white; adding a few drops of water turns it blue again and warms the container. Students see a reversible change and the chemical test for water in a single lesson.

A copper sulfate solution is also the usual starting point for displacement reactions, where zinc granules or an iron nail become coated with copper as the blue colour fades, and for electrolysis and copper-plating work with copper electrodes. Slow cooling of a warm saturated solution grows large blue crystals, the copper sulphate crystal activity many school science clubs enjoy. The salt is harmful if swallowed and toxic to aquatic life, so collect waste solutions instead of pouring them down the sink.

What to Specify When Ordering

- The number of 500 g packs needed for the term or academic year.
- Whether the order covers class practicals, crystal-growing projects or both, so quantities can be planned.
- Your delivery address, and whether the consignment ships within India or overseas.
- A request for the expiry date of the batch you are quoted.

Supplier

Jain d
Copp d in
copp

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