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

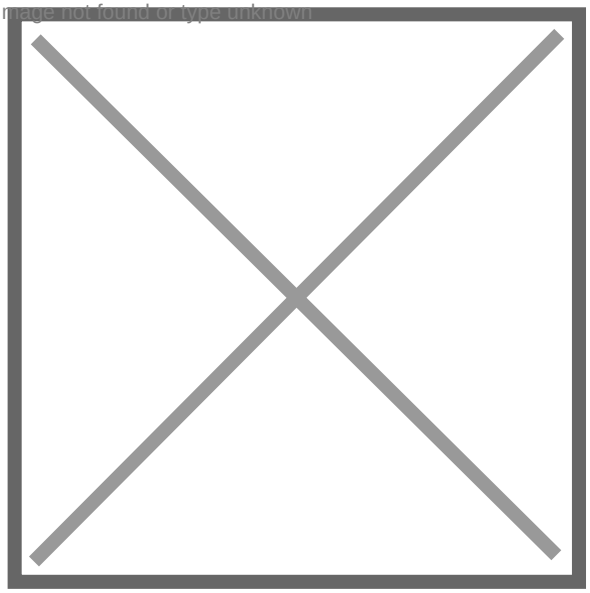
Product Name :

Hydrated Copper Sulfate

Product Code :

SCI-406/170

Image not found or type unknown



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

Description :

Hydrated Copper Sulfate (Product Code: SCI-406/170) is an analytical reagent grade copper(II) sulfate containing water of crystallisation, used for dehydration, displacement, crystal-growingand electroplating experiments in school and college chemistry laboratories. It comes in a 200 gpack with its MSDS for the copper sulphate crystal practicals that school syllabuses include. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Form	Hydrated (contains water of crystallisation)
Pack capacity	200 g
MSDS	Supplied with the product
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-406/170
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Hydrated Copper Sulfate Used For?

Heating a few crystals in a dry boiling tube drives off the water of crystallisation: the blue solid turns white, droplets condense near the mouth of the tube, and adding water back restores the blue colour with noticeable warming. The same reversible change is why white anhydrous copper sulfate serves as a simple chemical test for water.

Dissolved in water, it gives the blue solution for the displacement activity in which an iron nail becomes coated with reddish-brown copper while the solution fades to pale green, showing that iron is more reactive than copper. Teachers also grow large blue crystals from a saturated solution and use it as the electrolyte for copper electroplating. It is harmful if swallowed and toxic to aquatic life, so collect waste solutions instead of pouring them down the sink.

Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab, sources Hydrated Copper Sulfate as an analytical reagent and supplies it in 200 g packs with the MSDS. Schools and colleges that buy chemistry lab equipment in India from ScienceLab can add the reagent to the same order as burners, electrodes and glassware, and dealers and importers in international markets can request it the same way. The ScienceLab profile has more about the company.

Related Laboratory Equipment

Apparatus and reagents for heating, displacement and electroplating work with copper sulfate:

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