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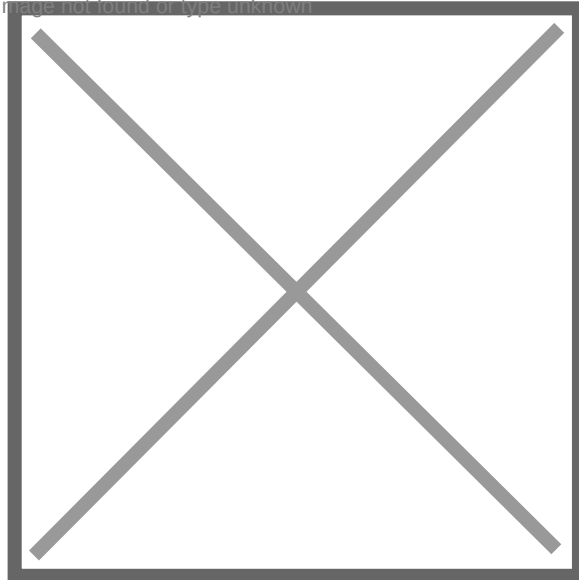
**Product Name :**

Copper Sulphate

**Product Code :**

SCL379/095

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## Description :

**Copper Sulphate** (Product Code: SCL379/095) is an analytical reagent grade copper salt used to provide the copper ions in sugar and protein test reagents and for crystal-growing work in school and college laboratories. It comes in a 500 gm pack with its MSDS, suiting departments that make up their own biuret or Fehling's solutions and run copper sulphate crystal school projects. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

## Specifications

| Parameter     | Detail                                                                                                                        |
|---------------|-------------------------------------------------------------------------------------------------------------------------------|
| Product       | Copper Sulphate                                                                                                               |
| Grade         | Analytical reagent                                                                                                            |
| Pack size     | 500 gm                                                                                                                        |
| Supplied with | MSDS                                                                                                                          |
| 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  | SCL379/095                                                                                                                    |
| Supplied by   | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India                                                                |

## What Is Copper Sulphate Used For?

Laboratories that prefer to make up their own test reagents use copper sulphate as the copper source: a dilute solution added to an alkaline protein sample gives the biuret test, and copper sulphate solution forms the "A" half of Fehling's solution. In chemistry-linked lessons, gently heating the blue hydrated salt in a china dish drives off its water of crystallisation and leaves a white powder that turns blue again when water is added, showing both dehydration and a chemical test for water.

Slow evaporation of a saturated solution produces well-formed blue crystals for crystallisation projects, which is why the salt is a stock item wherever chemistry lab equipment in India is bought alongside biology reagents. Copper sulphate is harmful if swallowed and irritating to eyes and skin, so use gloves and goggles, weigh it on a clean balance and collect concentrated waste instead of pouring it away.

## Supplier

**Jain Scientific Equipments Private Limited** trades as ScienceLab from Ambala, Haryana, India, supplying reagents, glassware and teaching apparatus to schools, colleges and distributors. The company can quote copper sulphate together with the heating and weighing equipment used with it, so a practical list is priced in one go. Our [company profile](#) has further details.

## Related Biology Lab Products

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