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

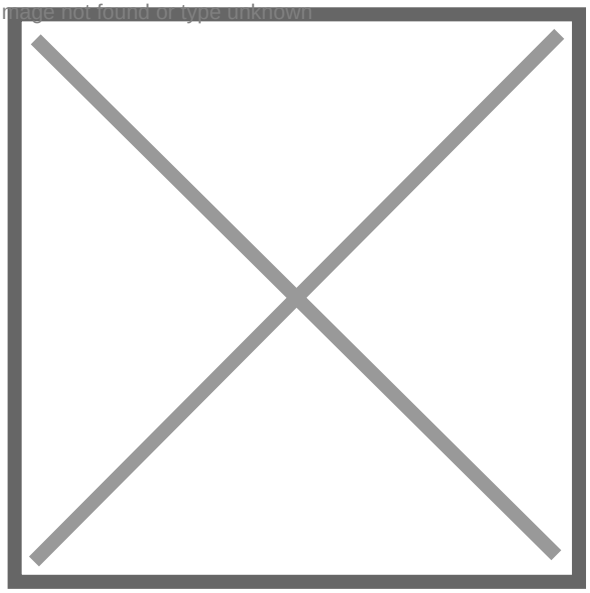
Product Name :

Copper Chloride (II) (100 g)

Product Code :

SCI-574/249

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Description :

Copper Chloride (II) (100 g) (Product Code: SCI-574/249) is analytical reagent grade copper(II) chloride, or cupric chloride, used for electrolysis, flame-test and metal-displacement experiments in school and college chemistry labs. It is widely used to show copper deposition and chlorine release in a single electrolysis, and it comes as a 100 g pack with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, which also lists electrolysis apparatus for schools in India.

Specifications

Parameter	Detail
Chemical	Copper(II) chloride
Grade	Analytical reagent
Pack size	100 g
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-574/249
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Copper(II) Chloride Used For?

When a copper(II) chloride solution is electrolysed between graphite electrodes, a pink-brown layer of copper builds up on the cathode while bubbles of chlorine form at the anode, detected by its smell and by bleaching damp litmus paper. The blue-green colour of the solution fades as copper ions are removed, making the link between ions and products easy to see. Run the electrolysis briefly and in a ventilated room, because chlorine is toxic.

A little of the salt on a clean wire gives a bright blue-green flame, the standard flame test for copper. Adding zinc granules or iron powder to its solution displaces copper metal, and adding sodium hydroxide gives a pale blue precipitate of copper(II) hydroxide. The salt is harmful if swallowed and toxic to aquatic life, so collect waste for proper disposal and keep the pack sealed, as it absorbs moisture.

Supplier

ScienceLab, the trading name of **Jain Scientific Equipments Private Limited**, supplies Copper Chloride (II) (100 g) from Ambala, Haryana, to schools, colleges, dealers and importers. The electrolysis U-tube, a power supply and displacement metals can be quoted alongside it. For company details, open the ScienceLab profile page.

Related Laboratory Equipment

Elect

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