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

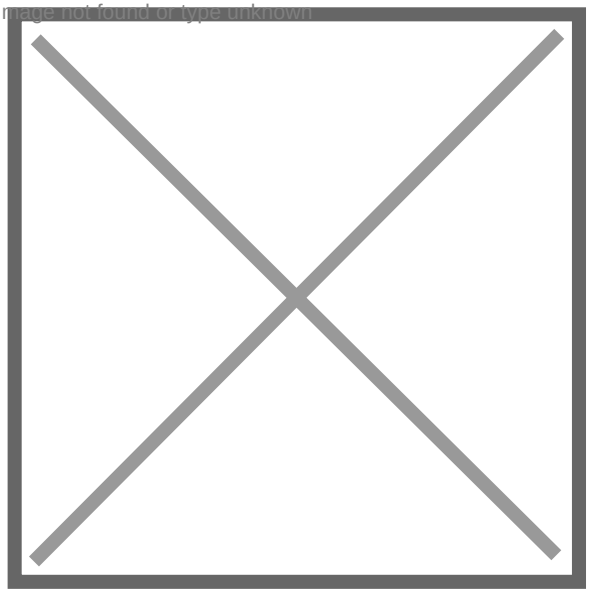
Product Name :

Copper Chloride (II)

Product Code :

SCI-174/141

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Science Lab
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Description :

Copper Chloride (II) (Product Code: SCI-174/141) is an analytical reagent grade copper(II) chloride ($CuCl_2$) used for electrolysis, displacement and flame-test practicals in school andcollege chemistry laboratories. It is offered as a 200 g pack with an MSDS, and its green-bluesolutions make copper chemistry easy for students to see. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India and asource of laboratory chemicals for teaching institutions.

Specifications

Parameter	Detail
Chemical	Copper(II) chloride, $CuCl_2$
Grade	Analytical reagent
Capacity	200 g
Safety documentation	MSDS included
Shelf life	Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted.
Product code	SCI-174/141
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Copper(II) Chloride Used For?

Electrolysis of copper(II) chloride solution with inert electrodes deposits pink copper on the cathode and releases chlorine at the anode, a clear demonstration of how ions are discharged; run it in a fume cupboard or a well-ventilated room. Dropping zinc granules or an iron nail into the solution shows displacement, as copper coats the metal and the colour fades.

A little of the salt on a clean wire gives a blue-green flame, used in flame-test comparisons, and adding sodium hydroxide solution gives a pale blue copper(II) hydroxide precipitate for cation identification. Copper(II) chloride is harmful and toxic to aquatic life, so collect waste solutions for proper disposal instead of pouring them down the sink — good practice in any school chemistry lab.

Supplier

ScienceLab is how Jain Scientific Equipments Private Limited is known to laboratory buyers; it supplies Copper Chloride (II) as part of a reagent list that also covers electrolysis apparatus and metals for displacement work. Schools, colleges, dealers and importers in India and international markets order through the Ambala office. See the ScienceLab company profile.

Related Laboratory Equipment

Apparatus and reagents for electrolysis and copper-ion practicals: