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

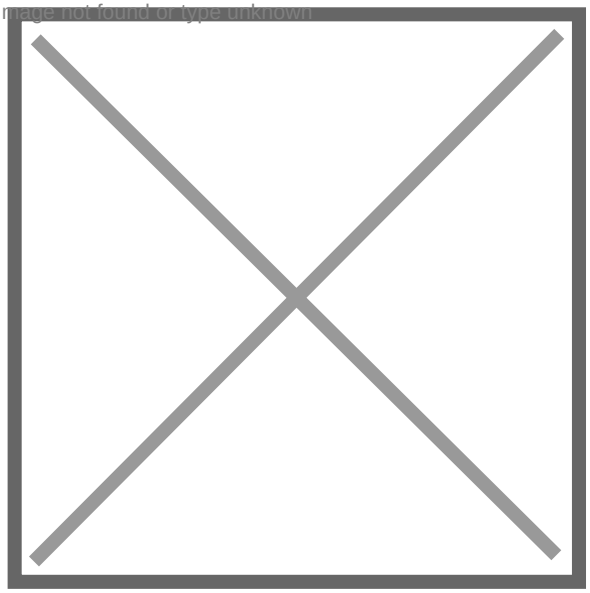
**Product Name :**

Copper Oxide (II)

**Product Code :**

SCI-248/157

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Science Lab

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# Description :

**Copper Oxide (II)** (Product Code: SCI-248/157) is an analytical reagent grade black copper(II) oxide used to prepare copper salts, demonstrate the reduction of a metal oxide and study basic oxides in school and college chemistry labs. It is packed in 200 g quantities with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as one of the laboratory chemicals it sources for schools and colleges.

## Specifications

| Parameter | Detail |
|---|---|
| Grade | Analytical reagent |
| Capacity | 200 g |
| Safety data | MSDS included |
| 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-248/157 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

## What Is Copper(II) Oxide Used For?

The classic salt-preparation practical adds copper(II) oxide a little at a time to warm dilute sulfuric acid until no more dissolves, filters off the excess black solid and evaporates the blue filtrate to grow copper sulfate crystals. It shows students how an insoluble base reacts with an acid to form a salt and water.

Heating copper(II) oxide with carbon, or in a stream of hydrogen or methane in a combustion tube, reduces it to pink-brown copper, a clear illustration of reduction and the reactivity series. In organic analysis the oxide is used to oxidise the carbon and hydrogen of a sample. Wear goggles, avoid breathing the dust and collect copper residues for proper disposal.

## Supplier

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, Ambala, sources Copper Oxide (II) for schools, colleges and testing laboratories and supplies it with its MSDS. Buyers setting up a salt-preparation practical can include the acid, filter papers and evaporating dishes on the same enquiry, and dealers and importers are supplied too. Learn more on the ScienceLab profile.

## Related Laboratory Equipment

Items used in the copper sulfate preparation from copper oxide:

- Copper Oxide (II) 200 g — another listing of this oxide in the same pack size.
- Sulphuric Acid Dilute — the acid that dissolves copper oxide to form copper sulfate.