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

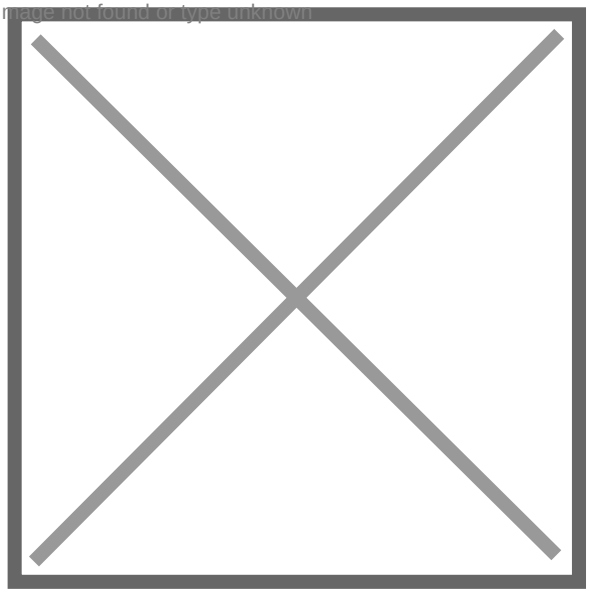
Product Name :

Copper Oxide (II) 200 g

Product Code :

SCI-665/291

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Science Lab

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Description :

Copper Oxide (II) 200 g (Product Code: SCI-665/291) is an analytical reagent grade copper(II) oxide, a black solid used to demonstrate basic-oxide reactions with acids and to compare catalysts in school and college chemistry labs. This listing comes as a 200 g pack with an MSDS, a practical stock size for a class set of test-tube reactions. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India, as one of the laboratory chemicals it sources for institutions.

Specifications

Parameter	Detail
Chemical	Copper(II) oxide (cupric oxide), CuO
Grade	Analytical reagent
Capacity	200 g
Safety data	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	SCI-665/291
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Black Copper Oxide Used For?

As a typical basic oxide, copper(II) oxide dissolves when warmed with dilute hydrochloric acid, and the black solid gives way to a green-blue solution of copper(II) chloride. Students use this reaction to show that a metal oxide neutralises an acid to form a salt and water, and to contrast it with the behaviour of acidic oxides. The black layer that forms when a strip of copper is heated in a Bunsen flame is the same oxide, which links the reagent to lessons on oxidation.

In rate-of-reaction work, a little copper(II) oxide added to hydrogen peroxide speeds up the release of oxygen. Running the same test with manganese dioxide lets students rank catalysts, and filtering, drying and reweighing the oxide afterwards shows that a catalyst is not used up. Wear goggles, avoid raising dust, and collect copper residues for proper disposal instead of washing them down the sink.

What to Specify When Ordering

- The product code SCI-665/291 for this 200 g listing; the separate Copper Oxide (II) listing carries its own code.
- The number of 200 g packs needed for the year’s practicals.
- Companion reagents, such as hydrogen peroxide or dilute hydrochloric acid, that should appear on the same quotation.
- The delivery location and any vendor-registration forms your institution uses.

Supplier

Jain S ha, sourc d