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

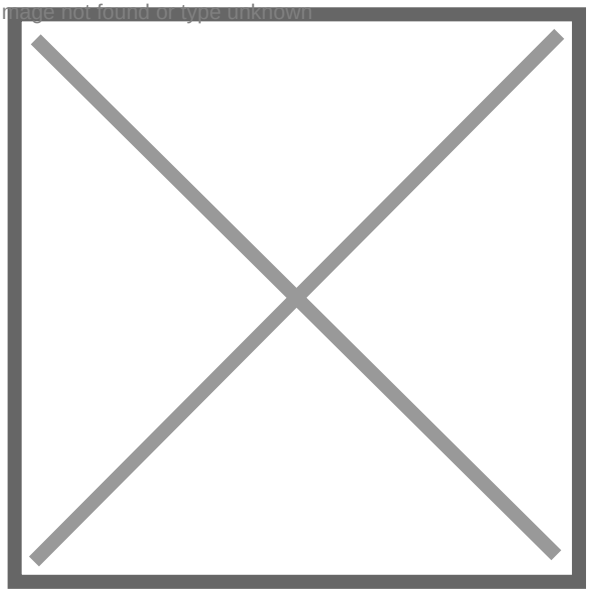
Product Name :

Copper Nitrate

Product Code :

SCI-644/281

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Description :

Copper Nitrate (Product Code: SCI-644/281) is an analytical reagent grade copper(II) salt usedto demonstrate the thermal decomposition of nitrates, the displacement of copper by morereactive metals and the identification of copper ions in school and college chemistry. It is suppliedin a 100 g pack with an MSDS; the hydrate form is not stated, so check it with us if you needexact formula masses. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala, India, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Chemical	Copper nitrate
Grade	Analytical reagent
Pack size	100 g
Documentation	Supplied with MSDS
Hydrate form	Not stated on this listing — ask us
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-644/281
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Copper Nitrate Used For?

Heating a small amount of copper nitrate in a boiling tube shows the typical decomposition of a transition-metal nitrate: the blue crystals melt, brown nitrogen dioxide is given off, the oxygen released relights a glowing splint and black copper(II) oxide remains. Because nitrogen dioxide is toxic, this demonstration belongs in a fume cupboard.

In solution, copper nitrate gives the familiar blue of hydrated copper ions. Sodium hydroxide produces a pale blue precipitate, excess ammonia solution turns the mixture deep blue, and a piece of zinc or magnesium placed in the solution becomes coated with copper as the colour fades. The salt is an oxidiser and harmful if swallowed, so keep it away from combustibles and wash hands after use.

Supplier

Jain Scientific Equipments Private Limited, known by its ScienceLab trade name, sources Copper Nitrate and supplies it with its MSDS to schools, colleges, research laboratories and dealers, often alongside other transition-metal salts for inorganic practicals. Oxidising salts need declared packing for export consignments, so tell us the destination when you enquire. See the ScienceLab profile for company information.

Rela

Items

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