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

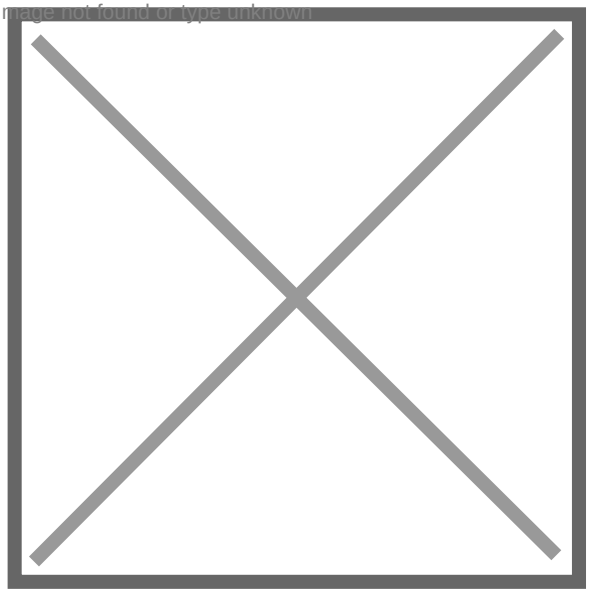
Product Name :

Zinc Chloride

Product Code :

SCI-577/146

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Description :

Zinc Chloride (Product Code: SCI-577/146) is an analytical reagent grade zinc salt ($ZnCl_2$) used to prepare Lucas reagent for alcohol tests and to study zinc-ion reactions in college and school chemistry laboratories. It is packed as 200 g with an MSDS; because the solid is strongly deliquescent, the container must be kept firmly closed. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, which provides laboratory chemicals for organic and inorganic practicals.

Specifications

Parameter	Detail
Chemical	Zinc chloride, $ZnCl_2$
Grade	Analytical reagent
Capacity	200 g
Safety documentation	MSDS provided
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-577/146
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Zinc Chloride Used For?

Dissolved in concentrated hydrochloric acid, zinc chloride forms Lucas reagent, which distinguishes tertiary, secondary and primary alcohols by how quickly a cloudy chloride layer appears. At undergraduate level it also serves as a Lewis acid catalyst in organic preparations.

In inorganic practicals, adding sodium hydroxide to zinc chloride solution gives a white precipitate that dissolves in excess alkali, showing that zinc hydroxide is amphoteric. It is also the traditional soldering flux, cleaning oxide from metal joints — a practical link between school chemistry lab work and workshop skills. The salt is corrosive and harmful, so wear gloves and goggles and weigh it quickly before it takes up water from the air.

Supplier

Colleges and schools obtain Zinc Chloride from Jain Scientific Equipments Private Limited, the company behind the ScienceLab brand, which sources organic-test reagents together with acids and glassware. Dealers and importers in India and international markets are supplied as well. The ScienceLab profile gives an overview of the company.

Related Laboratory Equipment

Chemicals used with zinc chloride in alcohol tests and zinc-ion practicals:

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