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

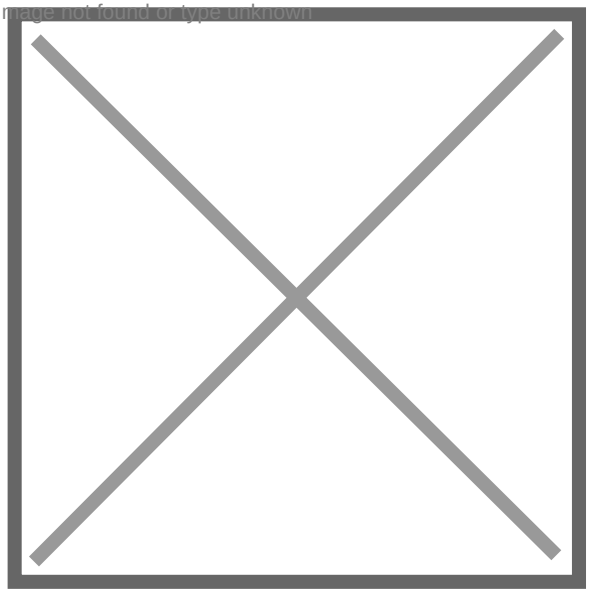
Product Name :

Magnesium Chloride

Product Code :

SCI-585/254

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Science Lab

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Description :

Magnesium Chloride (Product Code: SCI-585/254) is an analytical reagent grade magnesium chloride ($MgCl_2$) used to demonstrate magnesium ion reactions and permanent water hardnessin school and college chemistry laboratories. It comes in a 100 g pack with an MSDS, a practical quantity for class sets of test-tube reactions. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, which provides lab chemicals to institutions across India.

Specifications

Parameter	Detail
Chemical	Magnesium chloride, $MgCl_2$
Grade	Analytical reagent
Pack size	100 g
MSDS	Supplied with the pack
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-585/254
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Magnesium Chloride Used For?

In salt analysis practicals, magnesium is identified in the last cation group: with ammonium chloride, ammonium hydroxide and disodium hydrogen phosphate it forms a white crystalline precipitate of magnesium ammonium phosphate. Sodium hydroxide gives white magnesium hydroxide which, unlike zinc or aluminium hydroxide, does not dissolve in excess alkali, a handy contrast when teaching amphoteric hydroxides.

Water-chemistry lessons use magnesium chloride to prepare permanently hard water for soap tests and hardness titrations. The salt is strongly deliquescent: it pulls moisture from the air and can turn into a wet paste if the lid is left loose, so weigh portions quickly, reseal the pack and store it in a dry cupboard.

Supplier

Laboratory dealers and school suppliers who restock chemistry store rooms can source Magnesium Chloride from ScienceLab, the trading name of Jain Scientific Equipments Private Limited, Ambala. The company supplies reagents in the pack sizes stated on each listing, and buyers can ask for them to be quoted together with glassware. Read the ScienceLab profile for company details.

Related Laboratory Equipment

Reagents and materials for magnesium ion and water-hardness practicals: