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

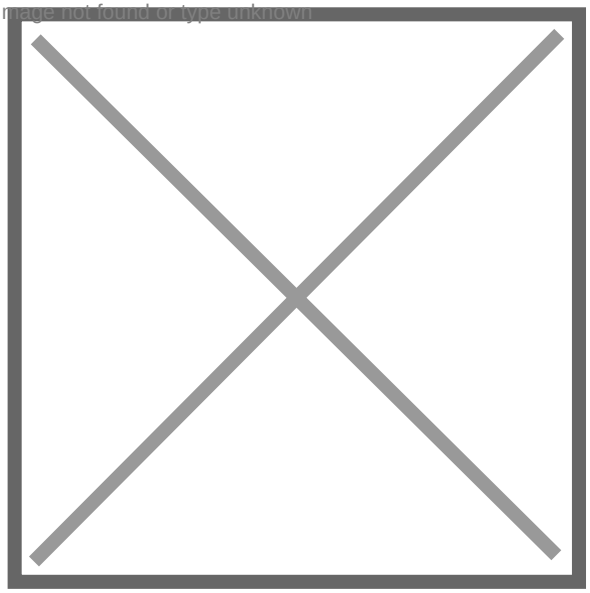
Product Name :

Tin Chloride (II)

Product Code :

SCI-595/258

Image not found or type unknown



Science Lab

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

Description :

Tin Chloride (II) (Product Code: SCI-595/258) is an analytical reagent grade tin(II) chloride, also known as stannous chloride, used as a reducing agent in qualitative analysis and redox demonstrations in college and school chemistry laboratories. It comes as a 100 g pack with an MSDS and is usually made up into a fresh acidified solution before each practical session. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, among its lab chemicals for teaching laboratories.

Specifications

Parameter	Detail
Chemical	Tin(II) chloride (stannous chloride), $SnCl_2$
Grade	Analytical reagent
Pack contents	100 g
Documentation	MSDS provided
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-595/258
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Stannous Chloride Used For?

Stannous chloride is a reducing agent: it decolourises iodine solution, turns yellow-brown iron(III) solutions pale green as they are reduced to iron(II), and is used in redox lessons to show electron transfer between ions. In qualitative analysis it identifies mercury(II), first giving a white precipitate of mercury(I) chloride that turns grey as metallic mercury forms.

In plain water, tin(II) chloride hydrolyses and turns cloudy as an insoluble basic salt forms, so solutions are prepared in dilute hydrochloric acid, and many teachers add a granule of tin metal to the bottle to slow oxidation by air. The solid and its solutions can burn or irritate skin and eyes, so wear gloves and goggles and keep the pack tightly closed.

What to Specify When Ordering

- Product code SCI-595/258 and the number of 100 g packs.
- Whether tin granules and hydrochloric acid for preparing the solution should be quoted too.
- Delivery destination, in India or overseas.

Supplier

Chemistry departments assembling qualitative analysis reagent sets can obtain Tin Chloride (II) from ScienceLab, the trading name under which Jain Scientific Equipments Private Limited of Ambala supplies laboratory chemicals and apparatus. One enquiry can cover this reducing agent toget
descr

Rela

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