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

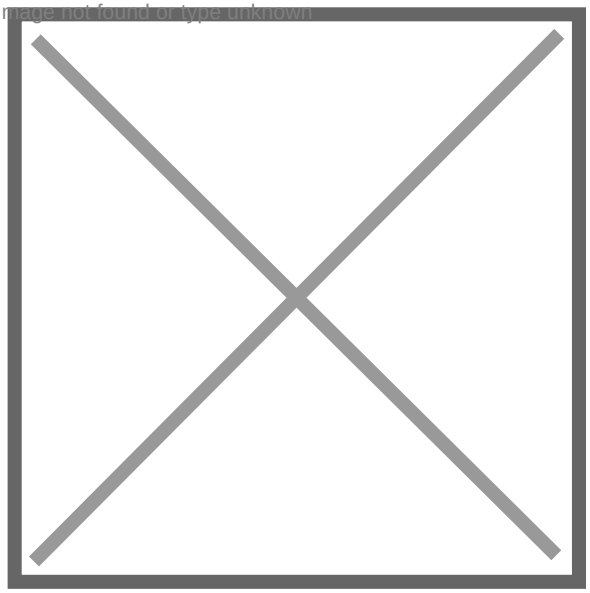
Product Name :

Carbon Sulfide

Product Code :

SCI-699/308

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Description :

Carbon Sulfide (Product Code: SCI-699/308) is an analytical reagent grade solvent, betterknown as carbon disulfide (CS2), used to dissolve sulfur, iodine, fats and waxes in chemistryteaching and analysis laboratories. It comes as a 100 ml pack with its MSDS, which is importantfor a liquid that is highly flammable, volatile and toxic to inhale. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab consumables supplier to colleges andsenior schools.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack capacity	100 ml
Common chemical name	Carbon disulfide (CS2)
MSDS	Supplied with the product
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-699/308
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Carbon Sulfide Used For?

In school chemistry, carbon disulfide is best known as the solvent that separates the iron and sulfur mixture: it dissolves the sulfur and leaves the iron behind, while the compound iron sulfide does not dissolve at all. Letting a sulfur solution evaporate slowly in a fume cupboard leaves well-formed rhombic sulfur crystals, a standard way to show one of sulfur's allotropes.

Iodine dissolves in it to give a violet solution, which shows how non-polar solutes prefer non-polar solvents and supports solvent-extraction exercises with a separating funnel. The liquid is extremely flammable, and its vapour can be ignited by a hot surface such as a hot plate or steam pipe, not only by a flame. Use small volumes in a fume cupboard with all heat sources switched off, and keep the bottle in a ventilated flammables or chemistry reagent cabinet.

What to Specify When Ordering

- The number of 100 ml packs; a highly flammable solvent is best kept in small stocks.
- The intended use (mixture separation, sulfur recrystallisation or iodine extraction), so we can check the reagent suits your method.
- Whether cyclohexane could serve instead for your iodine-extraction exercises, so both can be quoted for comparison.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, which sources Carb cks with t comp ges,

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