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

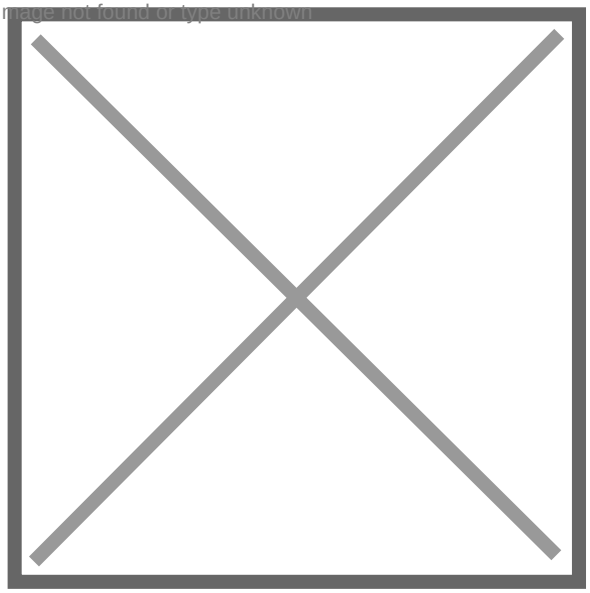
Product Name :

Diethyl Ether

Product Code :

SCL-825/157

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Description :

Diethyl Ether (Product Code: SCL-825/157) is a highly volatile, extremely flammable organic solvent used to extract compounds from water-based mixtures in college and senior school chemistry laboratories. Organic chemistry and biochemistry labs buy it in a 500 ml analytical reagent pack, supplied with an MSDS, for solvent extraction, lipid solubility tests and reaction work. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India for colleges, schools and research labs.

Specifications

Parameter	Detail
Product code	SCL-825/157
Solvent	Diethyl ether (ethoxyethane)
Grade	Analytical reagent
Capacity	500 ml
Supplied with	MSDS (Material Safety Data Sheet)
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.
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Diethyl Ether Used For?

A standard exercise is solvent extraction: an aqueous mixture is shaken with ether in a separating funnel, the lighter ether layer is run off, dried over a drying agent such as fused calcium chloride, and then evaporated to recover the dissolved compound. In food-chemistry and biology practicals, a drop of oil shaken with ether and then with water shows clearly which solvent dissolves lipids. College laboratories also rely on dry ether as the medium for Grignard reactions.

Ether vapour is heavier than air and can travel along a bench to a distant flame, so every burner in the room must be off; warm or evaporate ether only on an electric water bath, never over a flame, and preferably inside a chemical fume cupboard. On storage, especially after opening, ether can form explosive peroxides, so date the bottle when first opened, keep it closed, cool and away from light, and never distil or evaporate it to complete dryness.

Supplier

Diethyl Ether is sourced and supplied by Jain Scientific Equipments Private Limited, which operates under the ScienceLab name from Ambala, Haryana. The company provides solvents, reagents and laboratory apparatus to colleges, schools, research laboratories and dealers in India and international markets. More information is available on the ScienceLab profile.

Related Chemistry Lab Products

Items