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

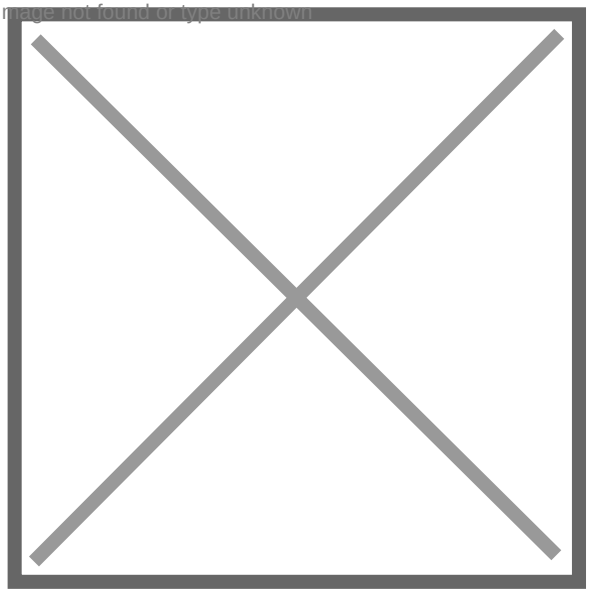
Product Name :

Nitrobenzene

Product Code :

SCI-659/288

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Science Lab

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Description :

Nitrobenzene (Product Code: SCI-659/288) is an analytical reagent grade aromatic nitro compound used to study nitroarene chemistry and its reduction to aniline in college and university organic chemistry laboratories. The pale yellow, oily liquid is denser than water and comes in a 250 ml pack with an MSDS for teaching labs and research groups. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India, as one of the lab consumables it supplies.

Specifications

Parameter	Detail
Chemical	Nitrobenzene, C6H5NO2
Form	Liquid
Grade	Analytical reagent
Capacity	250 ml
MSDS	Supplied with the liquid
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-659/288
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Nitrobenzene Used For?

The best-known teaching use of nitrobenzene is its reduction to aniline: the liquid is heated under reflux with granulated tin and concentrated hydrochloric acid, the mixture is made alkaline, and the aniline is separated by steam distillation. Students also use a small sample as a reference compound when learning how benzene is nitrated and how a nitro group changes reactivity in electrophilic substitution.

Because nitrobenzene does not mix with water and sinks below it, it shows clearly how a separating funnel divides two liquid layers. It is toxic by inhalation, by swallowing and through the skin, and is suspected of causing cancer, so work only in a fume cupboard with chemical-resistant gloves and eye protection. Keep the bottle closed and away from heat and oxidising agents.

Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab, sources Nitrobenzene for universities, engineering and pharmacy colleges, research laboratories and chemical dealers, and sends it with the MSDS needed for safe handling. As a toxic liquid it needs dangerous-goods packing for transport, so share the delivery location when asking for a quotation. The ScienceLab profile describes the company.

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