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

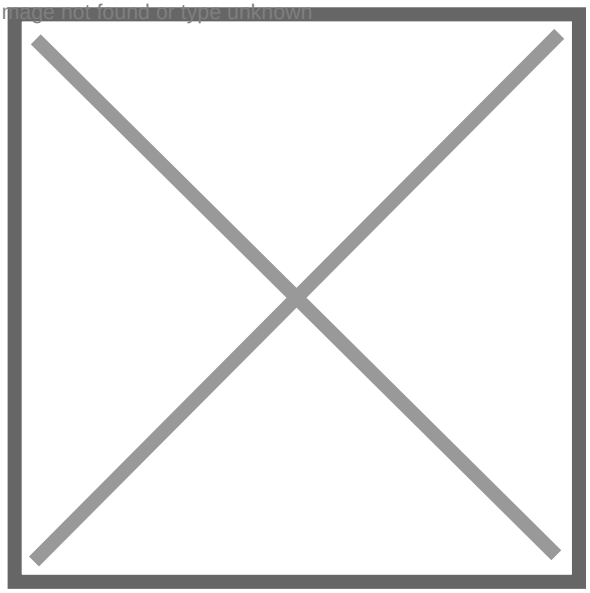
Product Name :

Oleic Acid

Product Code :

SCI-433/181

Image not found or type unknown



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

Description :

Oleic Acid (Product Code: SCI-433/181) is an analytical reagent grade unsaturated fatty acid used for the oil-film estimate of molecular size and for lessons on fats, soaps and unsaturation in school and college laboratories. Physics and chemistry departments both order it, and it comes in a 250 ml pack with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)** , Ambala, India, a chemistry consumables supplier in India.

Specifications

Parameter	Detail
Chemical	Oleic acid (an unsaturated fatty acid)
Grade	Analytical reagent
Capacity	250 ml
Safety data	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-433/181
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Oleic Acid Used For?

In physics, oleic acid is the classic substance for the oil-drop, or oil-film, experiment. A very dilute solution in alcohol is dropped onto water dusted with fine powder; the oleic acid spreads into a layer roughly one molecule thick, and students estimate the size of a molecule from the volume of the drop and the area of the patch it forms.

In chemistry and biology it serves as an example of an unsaturated fatty acid: it decolourises bromine water, showing the carbon–carbon double bond, and it can be neutralised with alkali to make a simple soap. It is an oily liquid that can irritate the eyes and skin, so dispense it with a dropper or pipette, wipe up spills promptly because they are slippery, and keep the bottle tightly closed. The MSDS supplied lists the full precautions.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, which sources oleic acid for school physics and chemistry departments and supplies it with the burettes, droppers and glassware used in the oil-film experiment. Quotations for reagents and apparatus can be combined, which simplifies ordering for a new or expanding laboratory. Supply extends to institutions, dealers and importers in India and international markets. See the company profile.

Related Laboratory Equipment

The oil-film experiment and fatty acid tests call for these items as well

- l-