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

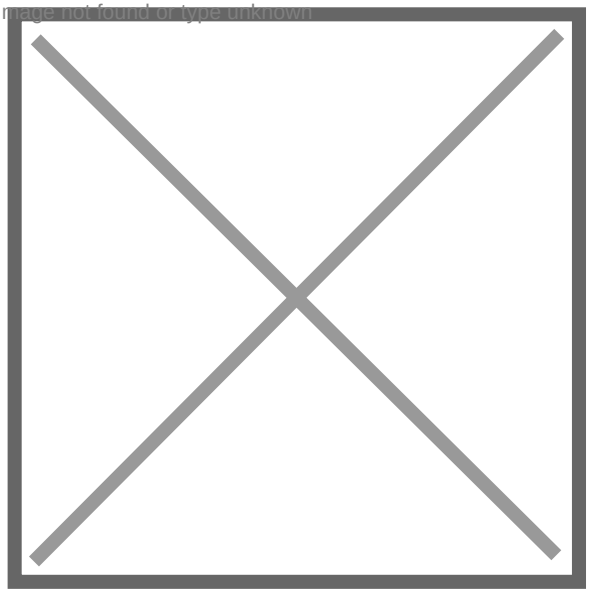
Product Name :

Sodium Hydroxide 500 g

Product Code :

SCI-536/232

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Description :

Sodium Hydroxide 500 g (Product Code: SCI-536/232) is analytical reagent grade caustic soda, a strong alkali used to prepare standard solutions for acid-base titration and to identify metal ions by their hydroxide precipitates in school and college laboratories. The larger 500 g pack, supplied with an MSDS, suits stockrooms that make up alkali for many practical groups. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Common name	Caustic soda, NaOH
Grade	Analytical reagent
Pack size	500 g
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-536/232
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Hydroxide Used For?

Sodium hydroxide solution is the standard alkali of volumetric analysis. Because the solid absorbs water and carbon dioxide from air, its solution is first standardised against a primary standard such as oxalic acid, then titrated against unknown acids using phenolphthalein. This sequence is the core exercise of any titration kit used in schools and colleges in India.

In qualitative analysis, a few drops of dilute sodium hydroxide identify cations by colour: blue copper(II) hydroxide, dirty-green iron(II) hydroxide, red-brown iron(III) hydroxide and white precipitates with zinc, aluminium and calcium, where the zinc and aluminium precipitates redissolve in excess. It is also used to saponify fats into hard soap. The solid is highly corrosive and heats up strongly as it dissolves, so wear goggles and gloves, store solutions in polyethylene bottles and use burettes with PTFE stopcocks, since alkali can seize glass keys.

Supplier

Sodium Hydroxide 500 g is supplied by **Jain Scientific Equipments Private Limited**, the company that trades as ScienceLab in Ambala, Haryana, for laboratories that buy alkali in larger packs together with titration glassware and indicators. The ScienceLab profile page has more about the company.

Related Laboratory Equipment

Titration and cation-test benches stocked with Sodium Hydroxide 500 g also use:

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