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

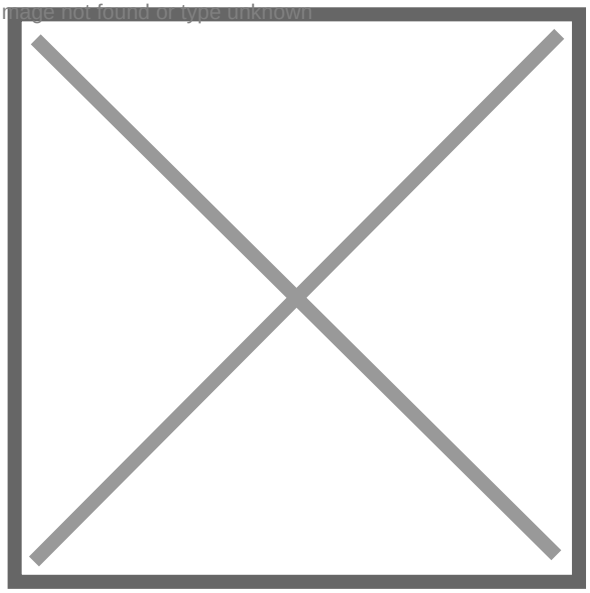
Product Name :

Sodium Hydroxide

Product Code :

SCI-440/133

Image not found or type unknown



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

Description :

Sodium Hydroxide (Product Code: SCI-440/133) is an analytical reagent grade strong alkali, commonly called caustic soda, used as the standard base in acid-base titrations, for identifying metal and ammonium ions and for soap-making practicals in school, college and testing laboratories. It is packed as a 500 g quantity with an MSDS, a convenient stock size for departments that make up their own alkali solutions. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a chemistry consumables supplier for teaching labs.

Specifications

Parameter	Detail
Grade	Analytical reagent
Capacity	500 g
Safety documentation	MSDS supplied
Shelf life	Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted.
Product code	SCI-440/133
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Hydroxide Used For?

In volumetric analysis, sodium hydroxide solution is titrated against hydrochloric, sulfuric or ethanoic acid with phenolphthalein as the indicator. Because the solid absorbs moisture and carbon dioxide, a freshly made solution is standardised against a primary standard such as oxalic acid before accurate work. Colleges also use it to saponify fats into hard soap.

In qualitative analysis, sodium hydroxide solution identifies metal ions by the colour of their hydroxide precipitates, such as blue for copper(II) and red-brown for iron(III), and it releases ammonia when warmed with an ammonium salt. Dissolving the solid produces strong heat, so add it gradually to cold water while stirring, wear goggles and gloves, and keep the container firmly closed between uses.

Supplier

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, supplies Sodium Hydroxide as part of a broad list of acids, alkalis and indicators sourced for teaching and testing laboratories. Buyers in India and international markets, including dealers and importers, can have it quoted together with burettes, pipettes and flasks. Company information is on the ScienceLab profile.

Related Laboratory Equipment

Reagents and glassware for titrations and salt analysis with sodium hydroxide: