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

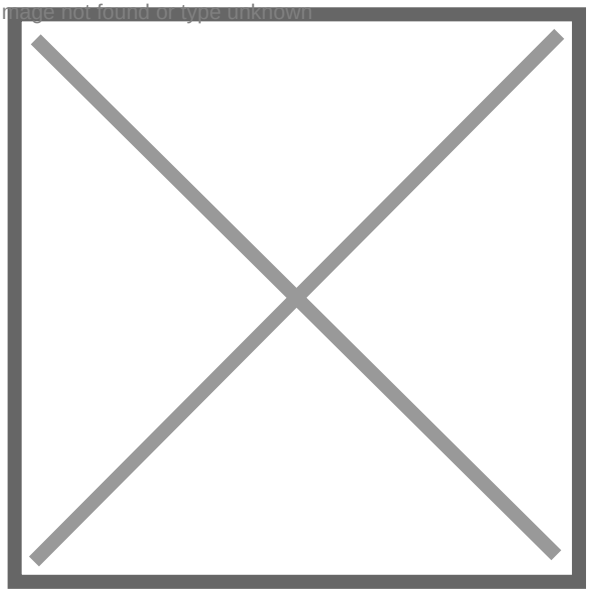
Product Name :

Calcium Oxide (Granules)

Product Code :

SCI-571/159

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Science Lab

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Description :

Calcium Oxide (Granules) (Product Code: SCI-571/159) is analytical reagent grade quicklime in granular form, used to demonstrate the strongly exothermic reaction of a metal oxide with water and to prepare limewater in school and college chemistry labs. It is supplied in a 200 g pack with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India, as part of its range of lab chemicals for institutions.

Specifications

Parameter	Detail
Form	Granules
Grade	Analytical reagent
Capacity	200 g
Safety data	Supplied with MSDS
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-571/159
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Calcium Oxide (Quicklime) Used For?

Adding water drop by drop to a few granules of calcium oxide in a beaker produces a hissing, steaming reaction and a clear rise in temperature as slaked lime (calcium hydroxide) forms — the combination reaction described in many school science textbooks. Filtering a suspension of the product gives limewater for the carbon dioxide test.

The oxide also links to lessons on the lime cycle, in which limestone is heated to form quicklime, slaked with water and turned back into calcium carbonate as limewater absorbs carbon dioxide; college labs also use it to dry gases such as ammonia. Because quicklime is corrosive and reacts with moisture in the air and on skin, handle it with a spatula, wear goggles and gloves, and keep the lid tightly closed.

Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab and supplies Calcium Oxide (Granules) among the lab chemicals it sources for schools, colleges and testing laboratories, each pack sent with an MSDS. For vendor registration, its details are GSTIN 06AAECJ8618A1ZT and LEI 3358004HRD1JIVXKYX49. Read about the company on the ScienceLab profile.

Related Laboratory Equipment

Items for the slaking and lime-cycle practicals:

- e