Email : sales@scilabexport.com
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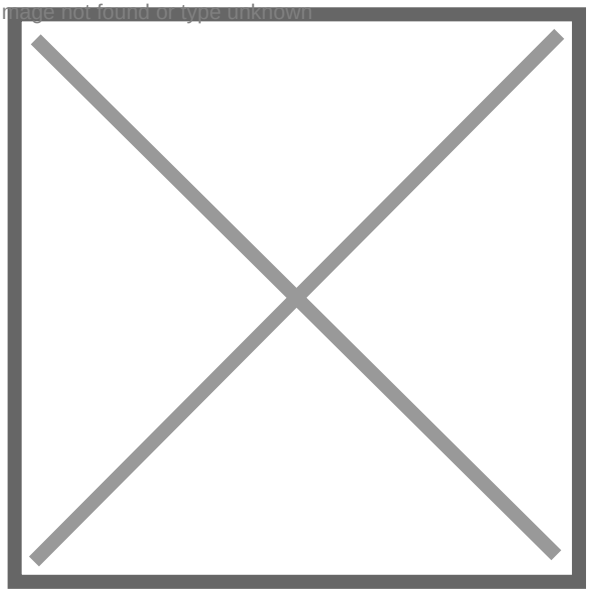
**Product Name :**

Calcium Oxide (Granules) 200 g

**Product Code :**

SCI-669/293

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## Description :

**Calcium Oxide (Granules) 200 g** (Product Code: SCI-669/293) is analytical reagent grade quicklime in granular form, used to study a strongly basic metal oxide — its reaction with acids, its effect on indicators and its role in soda lime — in school and college chemistry labs. It comes in a 200 g pack with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, one of the lab chemicals suppliers in India serving schools, colleges and testing laboratories.

### Specifications

| Parameter | Detail |
|---|---|
| Chemical | Calcium oxide (quicklime), CaO |
| Form | Granules |
| Grade | Analytical reagent |
| Capacity | 200 g |
| Safety data | MSDS supplied |
| 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-669/293 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

### What Are Calcium Oxide Granules Used For?

Shaking a few granules with water and adding universal indicator turns the mixture deep blue-violet, a vivid way to show that metal oxides form alkaline solutions. Warming the granules with dilute hydrochloric acid neutralises the acid and gives calcium chloride solution; a drop of that solution on a flame-test wire produces the brick-red flame used to identify calcium. Together these tests let students place calcium oxide firmly among the basic oxides.

Calcium oxide is also a component of soda lime, the mixture with sodium hydroxide that is heated with sodium ethanoate to prepare methane in organic chemistry practicals. In agriculture and environmental science lessons, quicklime shows how liming raises the pH of acidic soil. The oxide reacts with moisture and releases heat, so dispense it with a dry spatula, wear goggles and gloves, and reseal the pack immediately.

### What to Specify When Ordering

- The product code SCI-669/293 for this 200 g granular listing; the separate Calcium Oxide (Granules) listing has its own code.
- The number of 200 g packs needed.
- Companion reagents, such as dilute hydrochloric acid, sodium hydroxide or sodium ethanoate, for the same quotation.
- Your delivery location and any tender format.

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