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Product Name :

Sodium Metal

Product Code :

SCL-959/222

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Description :

Sodium Metal (Product Code: SCL-959/222) is elemental sodium, a soft and highly reactive alkali metal used for Lassaigne's sodium fusion test and Group 1 reactivity demonstrations in chemistry laboratories. Colleges, universities and senior schools buy it as a 100 gm pack of analytical reagent grade, supplied with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India for teaching and research laboratories.

Specifications

Parameter	Detail
Product	Sodium metal (elemental sodium)
Pack capacity	100 gm
Grade	Analytical reagent
Safety documentation	Supplied with MSDS (Material Safety Data Sheet)
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	SCL-959/222
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Metal Used For?

In organic chemistry practicals, a small, freshly cut piece of sodium is heated with the test compound in an ignition tube until the tube glows; the hot tube is then plunged into distilled water in a china dish, crushed, and the filtered sodium fusion extract is divided for separate tests for nitrogen, sulphur and halogens. In inorganic lessons, a teacher may drop a very small piece into a large trough of water behind a safety screen so the class can watch it melt, dart across the surface and release hydrogen while the water turns alkaline with sodium hydroxide.

Because sodium reacts with air and moisture, it is conventionally kept fully covered by dry kerosene or liquid paraffin in a tightly closed container. Cut it on a dry glazed tile with a dry blade, move pieces only with forceps, and blot off the oil before use. Scraps must never go into sinks or waste bins; they are normally destroyed by slow addition to an alcohol such as isopropanol under supervision, as the MSDS describes. Institutions stocking school chemistry lab equipment in India usually keep this reagent in a locked, dry cabinet separate from acids and water-based solutions.

Supplier

Sodium Metal is supplied by **Jain Scientific Equipments Private Limited**, which trades under the ScienceLab name from Ambala, Haryana, India. The company sources hazardous reagents such as this one and supplies them, with their safety data sheets, to schools, colleges, research laboratories and distributors in India and international markets. Read our [company profile](#) for more about

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