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

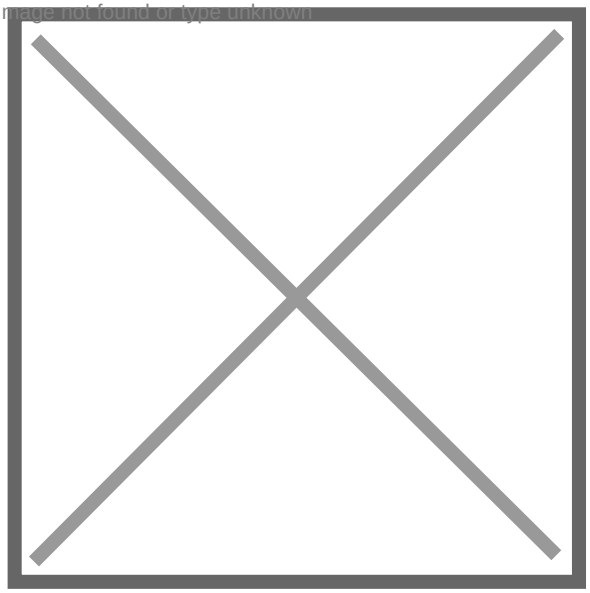
Product Name :

Sodium Nitrate

Product Code :

SCI-653/285

Image not found or type unknown



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

Description :

Sodium Nitrate (Product Code: SCI-653/285) is an analytical reagent grade Group 1 nitrate used to show how alkali-metal nitrates decompose on heating and to give the strong yellow sodium flame in school and college chemistry laboratories. Also known as Chile saltpetre, it comes in a 200 g pack with an MSDS for teaching labs, agricultural science practicals and research benches. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Chemical	Sodium nitrate, NaNO3
Grade	Analytical reagent
Capacity	200 g
Safety sheet	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-653/285
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Nitrate Used For?

When sodium nitrate is heated strongly in a hard-glass or boiling tube, it melts and gives off oxygen, which relights a glowing splint, leaving sodium nitrite behind. No brown nitrogen dioxide appears, unlike the nitrates of lead or copper, so heating the two types side by side is a memorable way to show how thermal stability changes across the reactivity series in a school chemistry lab.

A trace of the salt on a clean wire loop gives the intense, lasting yellow flame typical of sodium, a useful reference colour in flame test practicals. In agriculture and biology labs, sodium nitrate also serves as a soluble nitrogen source in plant nutrition experiments. It is an oxidiser that attracts moisture, so keep the lid tight, store it away from combustibles and clean up spills promptly.

Supplier

Under the ScienceLab name, Jain Scientific Equipments Private Limited supplies Sodium Nitrate to schools, colleges, agricultural institutes and trade buyers, together with the MSDS for their chemical records. Laboratories building a nitrate comparison set can request this salt with other nitrates from the same catalogue in one quotation. Visit the ScienceLab profile for details about the company.

Related Laboratory Equipment

Chem