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

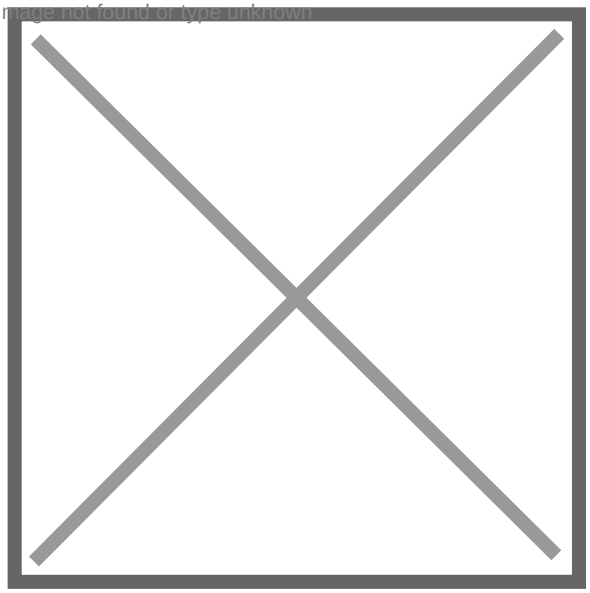
Product Name :

Sodium Nitrite

Product Code :

SCI-657/287

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Description :

Sodium Nitrite (Product Code: SCI-657/287) is an analytical reagent grade inorganic salt used to generate nitrous acid for diazotisation reactions and azo dye tests in college and senior-school organic chemistry laboratories. Lecturers and research students use this 100 g pack, suppliedwith an MSDS, to convert aromatic amines such as aniline into diazonium salts and to preparesmall amounts of nitrogen gas. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India serving institutions.

Specifications

Parameter	Detail
Chemical	Sodium nitrite, NaNO2
Grade	Analytical reagent
Capacity	100 g
Safety data	MSDS provided
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-657/287
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Nitrite Used For?

In the azo dye test for primary aromatic amines, the amine is dissolved in dilute hydrochloric acid and chilled in ice, then cold sodium nitrite solution is added to form a diazonium salt. Pouring this into an alkaline solution of a coupling agent such as 2-naphthol gives a vivid orange-red dye that confirms the amine. The same diazotisation step underlies dye synthesis practicals and colour tests based on sulfanilic acid.

Gently warming a solution of sodium nitrite with ammonium chloride releases nitrogen gas, which can be collected over water to study an unreactive gas. Sodium nitrite is toxic if swallowed and a strong oxidiser, so never grind or heat it dry with ammonium salts. Store it apart from acids, which release toxic nitrogen oxides, and label it clearly so it is not confused with sodium nitrate or common salt.

Supplier

ScienceLab is the trade name of Jain Scientific Equipments Private Limited, which supplies Sodium Nitrite in 100 g analytical reagent packs, each with its MSDS, to universities, colleges, pharmacy institutes and laboratory dealers. For buyers completing supplier registration, the company's Importer-Exporter Code is AAECJ8618A (DGFT) and its GSTIN is 06AAECJ8618A1ZT. The ScienceLab profile has more about the company.

Related Laboratory Equipment

Reag