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

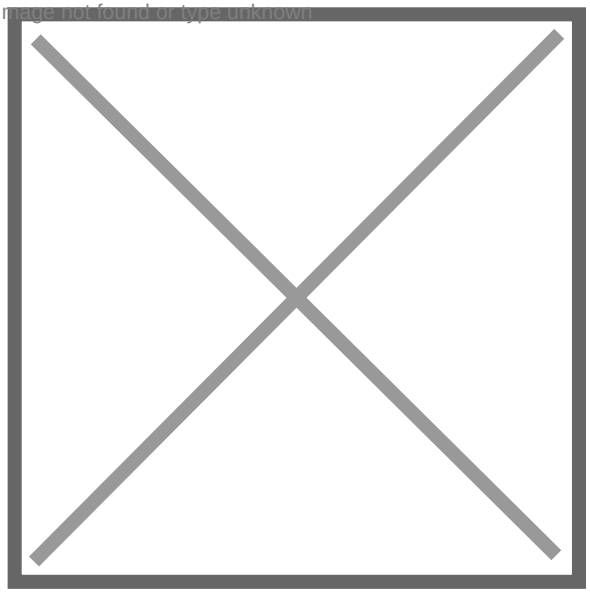
Product Name :

Tertiary Butyl Alcohol

Product Code :

SCL-991/238

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Description :

Tertiary Butyl Alcohol (Product Code: SCL-991/238) is an analytical reagent grade tertiary alcohol, also called tert-butanol or 2-methylpropan-2-ol, used to classify alcohols anddemonstrate SN1 substitution in college and senior-school organic chemistry laboratories. It is thestandard tertiary example in the Lucas and oxidation tests and comes in a 500 ml pack with itsMSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a labchemicals supplier in India.

Specifications

Parameter	Detail
Product	Tertiary butyl alcohol (tert-butanol)
Pack capacity	500 ml
Grade	Analytical reagent
Safety documentation	Supplied with MSDS
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-991/238
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Tertiary Butyl Alcohol Used For?

To classify alcohols, students shake a few drops with Lucas reagent (zinc chloride in concentrated hydrochloric acid): tertiary butyl alcohol turns cloudy almost at once as the insoluble chloride separates, a secondary alcohol such as propan-2-ol clouds more slowly, and a primary alcohol shows little change at room temperature. With acidified potassium permanganate or dichromate the tertiary alcohol leaves the colour unchanged, because its central carbon carries no hydrogen to lose. Shaking it with concentrated hydrochloric acid in a separating funnel gives tert-butyl chloride, a clean classroom example of an SN1 reaction.

Its melting point lies close to room temperature, so the contents may be solid or partly solid in a cool store. Warm the closed bottle gently in a warm water bath, never over a flame, until it is fully liquid. The alcohol is highly flammable and its vapour irritates the eyes, so use it away from burners and in a well-ventilated room. An organic chemistry model kit helps students see why the three methyl groups crowd the central carbon and change its reactivity.

Supplier

This alcohol is supplied by **Jain Scientific Equipments Private Limited**, which does business as ScienceLab from Ambala, Haryana, India. Organic reagents and solvents are sourced for teaching and research laboratories, and flammable liquids are dispatched according to carrier rules for customers in India and international markets. See the company profile for more about Scien

Rela