

## SALES SPECIFICATION

### TERTIARY BUTYL PEROXYBENZOATE

#### Product Information

Chemical name: Tertiary Butyl Peroxybenzoate CAS N°: Click or tap here to enter text.

Product name: Tert-Butyl Peroxybenzoate HS code: Click or tap here to enter text.

#### General description

Tertiary Butyl Peroxybenzoate is an aromatic organic peroxide widely used as a free radical initiator in polymerization and crosslinking processes. It is especially suitable for curing unsaturated polyester resins, acrylics, and certain elastomers. The product offers excellent stability and performance at elevated temperatures and is commonly used in fiberglass-reinforced plastics (FRP), coatings, and thermosetting systems.

#### Properties

Property	Value
Name	Tertiary Butyl Peroxybenzoate
Appearance	Clear Liquid
Concentration (Active)	6.39% – 6.67%
Molecular Weight	194.2 g/mol
Active Oxygen Content	6.39% – 6.67%
Assay (Purity by Weight)	77.5% – 81.0%
Viscosity (at 25°C)	~4.0 mPas

## Storage and handling:

- Storage Temperature: 0–30°C in a cool, dry, and well-ventilated area.
- Keep away from heat sources, direct sunlight, and incompatible materials (e.g., acids, bases, heavy metals).
- Store in original, tightly sealed containers only.
- Use appropriate PPE including gloves, goggles, and flame-resistant clothing during handling.
- Product is classified as Class 5.2 (Organic Peroxide) — handle with strict safety measures.