

SALES SPECIFICATION

TERT BURTY PEROXY-3,5,5, TRIMETHYL HEXANOATE

Product Information

Chemical name: Tert Burty Peroxy-3,5,5, Trimethyl Hexanoate CAS N°: [Click or tap here to enter text.](#)

Product name: Tert Burty Peroxy-3,5,5, Trimethyl Hexanoate HS code: [Click or tap here to enter text.](#)

General description

Tert-Butyl Peroxy-3,5,5-Trimethylhexanoate is a highly effective organic peroxide initiator used in polymerization and crosslinking reactions, particularly in the production of polyethylene, polypropylene, and other thermoplastics. It features a balance of thermal stability and high active oxygen content, making it ideal for high-temperature processes.

Properties

Property	Value
Name	Tert Burty Peroxy-3,5,5, Trimethyl Hexanoate
Appearance	Clear Liquid
Solution in Water	70%
Color	50Pt-Co
Molecular Weight	230.3 gm/mol
Active Oxygen by Weight	6.74% Min.
Assay by Weight	97% Min.

Storage and handling:

- Store in a cool, dry, and well-ventilated area, below 30°C
- Keep away from direct sunlight, heat, and incompatible materials (e.g., acids, bases, metal salts)
- Use appropriate PPE: gloves, goggles, and protective clothing
- Avoid contamination and handle only with clean tools
- Classified under UN 3103 – Organic Peroxide Type D, Liquid