

SALES SPECIFICATION

Methyl Ethyl Ketone Peroxide in Diisononyl Phthalate

Product Information

Chemical name: Methyl Ethyl Ketone Peroxide in Diisononyl Phthalate CAS N°:
Click or tap here to enter text.

Product name: 1,1-Di(peroxybutan-2-yl)ethane in Diisononyl Phthalate HS code:
Click or tap here to enter text.

General description

Methyl Ethyl Ketone Peroxide (MEKP) in Diisononyl Phthalate (DINP) is a stabilized organic peroxide formulation used primarily as a polymerization initiator for unsaturated polyester resins (UPR). This version uses DINP as a plasticizing carrier and offers improved handling safety, while maintaining high active oxygen content for effective crosslinking and curing performance.

Properties

Property	Value
Name	Methyl Ethyl Ketone Peroxide
Appearance	Yellowish Liquid
Assay by Weight	≥ 96%
Molecular Weight	174.2 g/mol
Active Oxygen Content	8.82% w/w
Density	0.83 g/cm ³
De-sensitizing Agent	None

Storage and handling:

- Store in a cool (preferably <math><25^{\circ}\text{C}</math>), dry, and well-ventilated area.
- Keep away from heat, sunlight, sparks, and incompatible materials (e.g., accelerators, acids, bases, heavy metals).
- Do not store near organic or flammable materials.
- Always use personal protective equipment (PPE) when handling.
- Product is classified as Class 5.2 (Organic Peroxide) — handle with care.