Perovion®

Product Name : Perovion® MEKP-CHP L24

CAS number : 1338-23-4; 80-15-9

Chemical Type : Methyl ethyl ketone peroxide and cumyl hydroperoxide

Business Unit : Organic Peroxides

1. Product Description

Perovion® MEKP-CHP L24 is a liquid organic peroxide blend based on methyl ethyl ketone peroxide (MEKP) and cumyl hydroperoxide (CHP), supplied in a solvent carrier. It is developed for the curing of unsaturated polyester and vinyl ester resin systems under ambient conditions in conjunction with a metal accelerator, and can also be applied for curing at elevated temperatures without an accelerator.

2. Typical Applications

- Curing of unsaturated polyester (UP) resins
- Curing of vinyl ester (VE) resins
- Cast polymer applications
- Laminate production

Perovion® MEKP-CHP L24 is suitable for warm and hot climate processing and is typically associated with lower exotherm profiles compared to standard MEKP systems, subject to formulation and processing conditions.

3. Key Characteristics (Typical)

Property	Unit	Typical Value	Test Method
Physical form	–	Clear liquid	Visual
Active oxygen	%	8.2 – 8.7	Internal
Density (20 °C)	g/cm³	~1.14	Internal
Viscosity (20 °C)	mPa·s	~24.8 – 24.9	Internal

Note: Typical values are indicative only and do not constitute a specification.

© 2026 Innovexar. All rights reserved.

4. Recommended Use

The dosage and curing system of Perovion® MEKP-CHP L24 depend on resin formulation, accelerator type, ambient temperature, and processing method. Accelerator selection and curing profiles should be evaluated and validated by the user prior to production use. Standard MEKP handling and dosing procedures must be followed.

5. Packaging & Logistics

Perovion® MEKP-CHP L24 is supplied in standard industrial liquid packaging formats, subject to confirmation at the quotation stage.

Minimum order quantities depend on packaging configuration and destination requirements.

- Incoterms: FOB / CFR / CIF (as specified in the quotation)

Lead time: Indicative lead time provided at quotation and confirmed upon order acceptance

6. Quality & Documentation

Each batch of Perovion® MEKP-CHP L24 is released under Innovexar Quality Assurance standards and is accompanied by a batch-specific Certificate of Analysis (COA).

Safety Data Sheets (SDS) and relevant transport documentation are provided in accordance with destination regulatory requirements. Full batch traceability is maintained through digitized QA documentation systems.

7. Handling & Storage

Perovion® MEKP-CHP L24 should be stored in its original, tightly closed containers in a dry, well-ventilated area away from heat sources and direct sunlight.

- Recommended maximum storage temperature: ≤25 °C

Avoid contact with reducing agents, acids, alkalis, amines, or heavy metal compounds (e.g. accelerators and metal soaps). Refer to the SDS for detailed safety and handling instructions.

© 2026 Innovexar. All rights reserved.