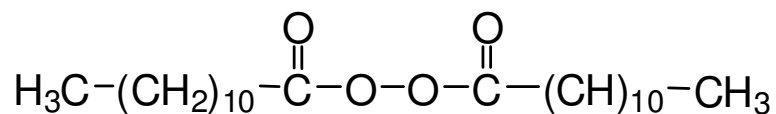


LP-40-SAQ2

Dilauroyl peroxide
CAS#105-74-8
40 % Suspension, aqueous

Structural Formula



Description

Milk-white aqueous suspension, consisting of ca. 40 % Dilauroyl peroxide de-sensitised with water. This long chained aliphatic diacyl peroxide is used as an initiator (radical source) in the polymerization of monomers, e.g. vinyl chloride in suspension.

Technical Data

Appearance	Milk-white suspension
Peroxide content	ca. 40.0 % w/w
Active oxygen	ca. 1.61 % w/w
De-sensitising agent	Water
Density at 20 °C	ca. 1.01 g/cm ³
Viscosity at 20 °C	200-600 mPa.s
Critical temperature (SADT)	ca. 50 °C
Cold storage temperature	Crystal formation below 0 °C
Recommended storage temperature	5 to 30 °C
Maximum storage temperature	30 °C
Maintenance of activity as from date of delivery	3 months

This product is in compliance with the ElektroG (EU-Directives: RoHS 2002/96/EG, WEEE 2002/96/EG)

Half-life Data

10h/1 h/1 min (0.1 m / benzene): 62/80/120 °C

Application

VINYLCHELORIDE:

Initiator for the polymerisation of vinylchloride (VCM) in suspension and micro-suspension.

Temperature range: 50-70 °C.

Usage level: 0.05-0.3 % as supplied.

Suitable for the copolymerisation of vinylchloride/vinyl acetate.

Liquid alternative to Dilauroyl peroxide technically pure.

LP-40-SAQ2 is especially suitable for the manufacture of micro-S-PVC. We recommend the combination with highly active peresters and peroxydicarbonates. Thus a high and constant rate of polymerisation can be achieved.

Standard Packaging

850 kg in plastic IBC

Disclaimer

This information and all further technical advice are reflecting our present knowledge and experience based on internal tests with local raw materials with the purpose to inform about our products and applications. The information should not be construed as guaranteeing specific properties of products described or their suitability for a particular application, nor as providing complete instructions for use. The information implies no guarantee for product and shelf life properties, nor any liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. We reserve the right to make any changes according to technological progress or further developments.

Application and usage of our products based on our technical advice is out of our control and sole responsibility of the user. The user is not released from the obligation to conduct careful inspection and testing of incoming goods in order to verify the suitability for the intended application.

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