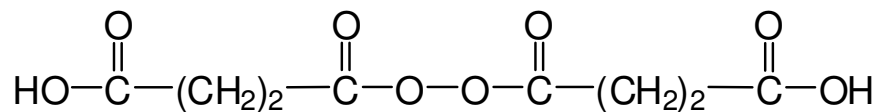


SUCP-70-W

Disuccinic acid peroxide
CAS#123-23-9
70% powder, water damped
Molar mass: 234.2 g/mol

Structural Formula



Description

White powder, consisting of technically pure disuccinic acid peroxide, desensitised with water. This aliphatic diacylperoxide is used as an initiator (radical source) in the polymerisation of monomers. Main application: emulsion polymerisation of fluoro-ethylenes.

Technical Data

Appearance	white powder
Peroxide content	approx. 70 % w/w
Active oxygen	approx. 4.78 % w/w
De-sensitising agent	water
Bulk density	approx. 0.45 kg/l
Critical temperature (SADT)	approx. 30 °C
Recommended storage temperature	below -10 °C
Storage stability (activity) as from date of delivery	3 months

This product is in compliance with the ElektroG
(E U-Directives: RoHS 2002/95/EG, WEEE 2002/96/EG)

Half-life-time

10 h/1 h/1 min (0.1 m/benzene): 66/91/145 °C

Application

FLUOROETHYLENES:

SUCP is partially soluble in water and can therefore be used as an initiator for polymerisation in emulsion, especially of fluoroethylenes.

Temperature range: 70-90 °C.

Dosage: 0.1-0.3% as supplied.

The activity is similar to the longer chained Dilauroylperoxide.

Standard Packaging

4x 5kg in PE bags, 20kg per cardboard
Basis dry weight

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.

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