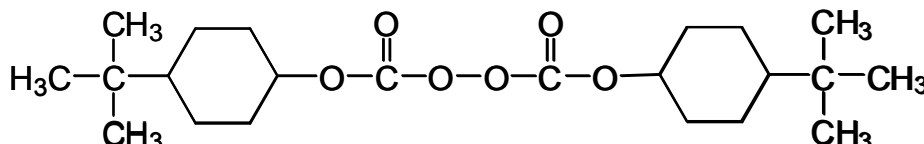


BCHPC-75-W

Di(4-tert.butylcyclohexyl)peroxydicarbonate
CAS#15520-11-3
75% powder, water damped
Molar mass: 398.5 g/mol

Structural Formula



Description

White, free-flowing powder, consisting of technically pure Bis(4-tert.butylcyclohexyl) peroxydicarbonate, de-sensitised with water. This cyclo-aliphatic peroxydicarbonate is used as an initiator (radical source) in the polymerisation of monomers, e.g. vinyl chloride.

Technical Data

Appearance	white, free-flowing powder
Peroxide content	approx. 75 % w/w
Active oxygen	approx. 3.01 % w/w
De-sensitising agent	water
Bulk density	approx. 0.54 kg/l
Melting point (dried)	approx. 82 °C
Critical temperature (SADT)	approx. 45 °C
Recommended storage temperature	5 to 20 °C
Maximum transport temperature	30 °C
Storage stability (activity) as from date of delivery	6 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): 41/57/90 °C

Application

VINYLCHELORIDE:

Polymerisation of vinyl chloride in mass or suspension. Temperature range: 45-60°C. Dosage: 0.02-0.1% as supplied. We recommend a combination with thermally more stable peroxides, e.g. Dilauroyl peroxide (LP). A well-balanced combination produces an almost constant rate of polymerisation throughout the reaction period.

Advantage: The water-damped powder enables almost dust-free handling

(pouring, dosing).

Further information on suitable initiators for the polymerisation of monomers is given in our application brochures on this subject.

Measurements

Standard Packaging 20kg (44,1 lb), plastic bag in cardboard box

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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