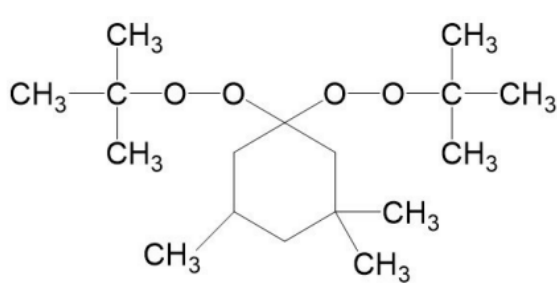


TMCH

Chemical name	1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane	
	Molecular formula	C ₁₇ H ₃₄ O ₄
	Molecular weight	302.5
	CAS NO.	6731-36-8
	UN NO.	3103
	EINECS.	229-782-3

Brief Introduction:

TMCH is a ketone-based organic peroxide ideal for medium-temperature processes (110°C-150°C)

Half Life Data:

- Activation Energy... 127.52kcal/mole
- 10 hour, Half Life Temp..... 85°C
- 1 hour, Half Life Temp..... 105°C
- 0.1 hour, Half Life Temp..... 128°C

Specification:

Appearance	Colorless or slightly yellow transparent liquid
Colour	50 Max.
Assay	90%
Tert-butyl hydroperoxide	Max. 1.0%

Application:

Used as a polymerization initiator for ethylene, styrene and styrene copolymers, acrylonitrile, acrylates, and methacrylates.

Also employed for crosslinking natural rubber, silicone rubber, diene rubber, polyurethane, and ethylene-vinyl acetate (EVA) copolymer resins. Offers lower crosslinking temperatures and reduced odor compared to other peroxides.

Package and Storage:

20 kg polyethylene drums, Custom packaging sizes available upon request.

The data given in this document are based on our current scientific knowledge and practical experiences, and they are for reference only. Our technical department is willing to provide consultation and application services about the product. If customers have any questions, please feel free to contact us.

store in a sealed container, in a well-ventilated space, with a maximum storage temperature of 25°C. It's important to avoid contact with reactive materials like acids, bases, and heavy metal compounds. Ensure the product is protected from friction and impact, and avoid repackaging within the storage facility.

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