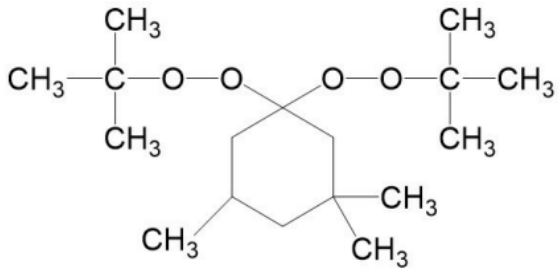
TMCH

Chemical name	1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane	
	Molecular formula	C17H34O4
	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℃
- 1 hour, Half Life Temp..... ..... .105℃
- 0.1 hour, Half Life Temp…..... …128℃

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.

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.