



GAURAV IMPEX
IMPORTERS & EXPORTERS

OFFICE NO. 8, GROUND FLOOR,
SAI COMMERCIAL CENTRE,
GOVANDI STATION ROAD,
MUMBAI - 400 088.

☎: 2551 5478 • 2551 9846

E-mail : gaurav.sgchem@gmail.com

TECHNICAL DATA SHEET OF C-15 (101)

● **Chemical name:**2,5-Dimethyl-2,5-Bis(t-butyl peroxy)hexane

CAS-No:78-63-7

$C_{16}H_{34}O_4=290.45$

● **Brief Introduction** Double 2,5 is a low volatility, white paste, dialkyl peroxide for crosslinking of elastomers (silicone rubber, EPDM, PE etc.), and used as modification agent of PP degradation. ● **Safety Data**

Flash point.....Shut/36°C、open/58°C

SADT80°C

Tem75°C

UN-No.....3105

CN-No.....52005

● **Half life Data**

Activation Energy.....36.0kcal/mole

10hr,Half Life Temp.118°C

1hr,Half Life Temp.138°C

1min,Half Life Temp177°C

● **Properties**

State.....White paste

Density.....1.02

Refractivity1.415

Melting point.....8°C

Theoretical Active oxygen 11.02%

● **Specification**

Appearance.....White paste

Assay.....Min.50%

Colour.....Max.90Hazen

Fe.....Max.0.0003%

● **Solubility**

Soluble in alcohol, esters, ethers, olefins and most of organic solvents.

Insoluble in water.

● **Package and Storage**

20kg or 25kg, net, PE drum.

10~30°C stored under shadow, good air circulation.

● **Transportation number of Dangerous goods**

Un2121/3110