Hsin Sou TBHP70W

PRODUCT DATA SHEET tert-Butyl hydroperoxide

Chemical and Physical Data:

1. Structure:



2. Specifications

Appearance	Clear colorless liquid
Color	20 Pt-Co max
Active Oxygen	12.16-12.61%
Density, 25°C	0.935g/cm3
Vcosity,20°C	4.1mPa.s

3.Application & Characteristics:

- \bigstar Organic peroxides and azo-compounds are well established high purity reagents in pharmaceutical and fine chemicals synthesis
- %Organic peroxides and azo-compounds combine a number of interesting features for use in organic synthesis:
- \bigstar Good solubility in most organic systems enabling homogeneous reaction conditions
- \bigstar Active already at mild reaction conditions
- \bigstar Welldefined and temperature controlled reactivity
- AHigh efficency
- ☆Favorable cost/performance ratio

4.Notice

- ☆Keep containers tightly closed. Store and handle TBHP in a dry well-ventilated place away from sources of heat or ignition and direct sunlight. Never weigh out in the storage room.
- Avoid contact with reducing agents (e.g. amines), acids, alkalis and heavy metal compounds (e.g. accelerators, driers and metal soaps).
- $\stackrel{<}{\curvearrowright}$ Please refer to the Material Safety Data Sheet (MSDS) for further information on tl storage, use and handling of TBHP. This information should be thoroughly reviewed acceptance of this product.

5.Storage

For *TBHP* $T_s max. = 35^{\circ}C$

 \bigstar When stored under these recommended storage conditions, *TBHP* will remain within above specifications for a period of at leastthree months after delivery.

6.Packaging and transport

 \precsim The standard packaging is a 30-liter HDPE can for 25kg peroxide and 200-liter HDPE drums of 180kg net weight