

TECHNICAL DATA SHEET

P-Menthane Hydroperoxide (PHM)

GENERAL PRODUCT DESCRIPTION

P-Menthane Hydroperoxide(PHM) is made from the terpene in turpentine, P-MENTHANE through peroxidize reaction get the PHM.

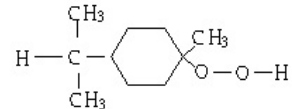
Synonym: *p-Menthane Hydroperoxide; 1-Methyl-(4-menthylcyclohexyl)ethyl hydroperoxide; p-Menth-8-yl hydroperoxide*

Appearance: *Water White Clear Liquid or slightly yellow liquid*

Molecular Formula: *C₁₀H₂₀O₂*

Molecular weight: *172.2668*

CAS No. *80-47-7*



PRODUCT SPECIFICATIONS

Product specification	Typical Properties
Peroxide content	52%-55%
Active oxygen	5.0%-5.2%
Water solubility g/100g	3.2
Refractive index,20°C	1.450-1.480
PH of extract	4.0-7.2
Moisture	0.3% max
Density (d20/4)	0.79-0.81

APPLICATIONS

Mainly as initiator for organic polymerization.

FORM OF SUPPLY

Net wt. 170KGS. Packing in inner-coated gallons galvanized iron drums

In Bulk 20mt per isotank,

STORAGE CONDITIONS:

Store in cool place; Avoid high temperature. (flash point 55°C Viscosity, 25°C Cp13.5)

Shelf life: One year with proper storage.