

Reg. No: 00948  
Issue: 1  
Doc. Date: 12.2006  
English Version



# TMHPO

## GENERAL DESCRIPTION

TMHPO is an orange red crystal. It is an important intermediate for the synthesis of HALS and also can be used as a pharmaceutical intermediate. It can prevent alkenes from self-polymerisation or control and adjust the degree of polymerisation.

CHEMICAL NAME : 4-Hydroxy-2,2,6,6-tetramethylpiperidinyloxy  
SYNONYMS : 4-Hydroxy-TEMPO or 4-OH-TEMPO  
CHEMICAL FORMULA :  $C_9H_{18}NO_2$   
MOLECULAR WEIGHT : 172.25  
CAS NUMBER : 2226-96-2  
APPEARANCE : Orange red crystal

## SPECIFICATIONS

<u>Properties</u>	<u>Typical Values</u>
Assay, % (Gas Chromatography)	≥ 99.0%
Appearance	Orange red crystal
Melting Point	69-72 °C
Weight loss	≥ 0.5%
Ash	≤ 0.1%

## PACKING

25kg in fibre drum.

## TRANSPORT INFORMATION

Not regulated

如需中文版产品介绍, 欢迎与我公司销售部连悉

The above information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

**Planet Chemicals Pte Ltd**

5 Toh Guan Road East, Singapore 608831 Tel: +(65)-6872-6291 Fax: +(65)-6872 5655