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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%
Appearance, 10% solution in Deionized water	Clear
Tetramethylpiperidinol (TMHPP) content, (Gas Chromatography)	≤ 1.0%

PACKING

25kg in fibre drum.

TRANSPORT INFORMATION

Not regulated

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.

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