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## Technical Data Sheet

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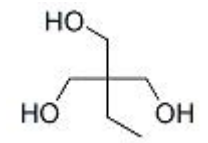
Site: www.tnjchem.com

# Trimethylol propane

### Product Information

Chemical Name	Trimethylol propane
CAS #	77-99-6
Formula	C <sub>6</sub> H <sub>14</sub> O <sub>3</sub>
Molecular Weight	134.17
Synonyms	Trimethylolpropane; Tris(hydroxymethyl)propane; ,1,1-Tris-(hydroxymethyl)propane; 1,1,1-Trimethylolpropane; Trimethylol propane; 1,1,1-tris(hydroxymethyl)propane;

### Chemical Structure



### Description

Trimethylol propane is White flake crystallization.

Soluble in water, low carbon alcohol, glycerin, N, N - dimethyl formamide, partly soluble in acetone, ethyl acetate,

slightly soluble in carbon tetrachloride, ethyl ether and chloroform,

but insoluble in aliphatic hydrocarbons, aromatic hydrocarbons and chlorinated hydrocarbons.

### Specification

<u>Items</u>	<u>Specification</u>
Appearance	White flakes
Assay, %	≥99.0
Color, Pt-Co	≤ 30
Hydroxyl, %	≥37.50
Melting point, °C	≥58
Acidity as formic acid, %	≤0.002
Water, %	≤0.10
Ash, %	≤0.001

## Applications

- 1).Used for producing Alkyd resins,Saturated polyesters.
- 2).Used for producing Synthetic lubricants,plasticizer,printing ink.
- 3).Curing agent for coating.
- 4).Textile auxiliary agent, heat stabilizer for PVC.
- 5).Used for producing emulgator.

## Packaging

25kg/bag, 18mt/20"container without pallet.  
750kgs(30bags)/pallet, 15mt(20pallets)/20"container with pallet

## Safety

Always refer to the Material Safety Data Sheet (MSDS)

## Storage & Handling

Placed in sealed container and kept in a cool and dry place.  
Avoid strong vibration, insolation, high temperature, smoke and fire.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.*

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