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Technical Data Sheet

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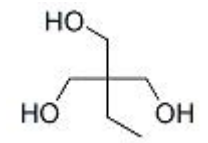
Site: www.tnjchem.com

Trimethylol propane

Product Information

Chemical Name	Trimethylol propane
CAS #	77-99-6
Formula	C ₆ H ₁₄ O ₃
Molecular Weight	134.17
Synonyms	Trimethylolpropane; Tris(hydroxymethyl)propane; ,1,1-Tris-(hydroxymethyl)propane; 1,1,1-Trimethylolpropane; Trimethyloyl 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
Resin test	≤5

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

Mainly used in alkyd resin, polyurethane, unsaturated resin, polyester resin, paint and other fields,
Can be used for synthetic aviation lubricating oil, printing ink, etc,
Also can be used as a textile auxiliaries and heat stabilizer of PVC resin.

Packaging

25kg per bag,
18mt per 20ft container

Storage & Handling

Keep in dark place

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

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