

# Trimethylolpropane Monoallyl Ether



## Description

- Trimethylolpropane Monoallyl Ether (TMPME)
- Clear colourless liquid
- Unsaturated alcohol containing two hydroxyl groups and one double bond

## Applications

- Silicone chemistry
- Polyurethane resins
- Epoxy resins
- Link between organic and inorganic chemistry

## Delivery forms

- Steel drums 200 kg, 800 kg/pallet

## Storage

- TMPME must be stored in sealed containers protected from heat and air.
- TMPME is hygroscopic and should be handled to prevent moisture absorption.
- If stored more than 6 months, check for peroxides to ensure quality.

## Sales specification

Monoallyl ether content, % <sup>1</sup>	Min. 98.0
Diallyl ether content, % <sup>1</sup>	Max. 1.0
Triallyl ether content, % <sup>1</sup>	Max. 0.1
TMP content, % <sup>1</sup>	Max. 1.0
Peroxides (as active oxygen), ppm <sup>2</sup>	Max. 6

## Typical properties

Hydroxyl number, mg KOH/g <sup>3</sup>	640
Colour, APHA <sup>4</sup>	5
Water content, % <sup>5</sup>	0.05
Viscosity (23 °C) mPas	130*

\* information only

### Analytical Method

<sup>1</sup> PO 114-3, <sup>2</sup> PO 112-4, <sup>3</sup> PO 100-7, <sup>4</sup> PO 105-4, <sup>5</sup> PO 109-2

Analytical methods are available on request.

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