

# Product Information

## Triethanolamine (TEA) 99%

### Product Description:

Triethanolamine (TEA) is a clear viscous hygroscopic liquid at room temperature with a mild ammoniacal odor. It is a tertiary amine and a triol and has surfactant properties.

### Applications:

TEA is commonly used as a cement grinding aid as it prevents cement particles from re-agglomerating during and after the grinding process, resulting in increasing process time efficiency, material uniformity and decreasing process energy cost. It can be used as an admixture in cement to significantly increase the early and final set strength. It can be used in textiles, electroplating, metal working, coatings, oil field and mining applications.

### Chemical Formula:

$C_6H_{15}NO_3$

### CAS No. :

102-71-6

### Specifications:

Parameters (units)	Values
Appearance, at 30 °C	Clear liquid
Monoethanolamine (%)	≤ 0.1
Diethanolamine (%)	≤ 0.5
Triethanolamine (%)	≥ 99
Color (APHA)	≤ 50
Water (%)	≤ 0.2
Typical specific gravity, at 20 °C approx.	1.125
Typical freezing point, approx. (°C)	21
Typical boiling point, approx. (°C)	360
Typical open cup flash point, approx. (°C)	190

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## Packaging:

Material is available in bulk, ISO tanks, trucker tankers and drums. Further packaging options may be available upon enquiry.

## Storage:

Product should be stored in a dry place in sealed, original packaging away from direct sunlight.

## Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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