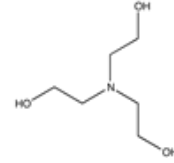


**Identification**

C<sub>6</sub>H<sub>15</sub>NO<sub>3</sub>  
M = 149,19 g/mol  
CAS [102-71-6]  
EC number: 203-049-8  
Taric code: 2922 13 10

**Synonyms**

Tris (2-hydroxyethyl)amine, 2,2',2''-Trihydroxytriethylamine, TEA

**Applications**

corrosion inhibitor, cosmetics, emulsifier, in the textile industry, herbicide, manufacturing of synthetic resins, in building materials, manufacture of dyes, in lubricant compositions, in the pharmaceuticals industry.

**Specifications**

assay (acidimetric).....	min. 98 %	mono + diethanolamine (G.C.).....	max. 2 %
identity (IR-spectrum).....	passes test	residue on ignition.....	max. 0,1 %
density (25°/25°).....	1,120 - 1,128	water (K.F.).....	max. 0,3 %

**Physical data**

- Density: 1,12 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: 21,2 °C
- Boiling point: (hPa) 208 °C
- Flash point: 190 °C
- Ignition temperature: 325 °C
- Vapour pressure: (21 °C) 0,0003 hPa
- Expl. limit (upper): 7,2 Vol%
- Expl. limit (lower): 3,6 Vol%
- pH(15 g/l H<sub>2</sub>O, 20 °C) 10,5
- Hygroscopic

**Transport/storage**

- 10°C - 30°C