

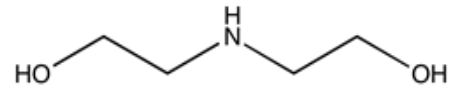
IdentificationC₄H₁₁NO₂

M = 105,14 g/mol

CAS [111-42-2]

EC number: 203-868-0

Taric code: 2922 12 00

**Synonyms**

2,2'-Iminodiethanol, Bis(β-hydroxyethyl)amine, 2,2'-Dihydroxydiethylamine

Applications

analytical chemistry, in the rubber industry, cosmetics, for pharmaceuticals synthesizing, in lubricant compositions (in the textile industry), synthesis of organic products, herbicide.

Specifications

assay (acidimetric)..... min. 98 %

identity (IR-spectrum)..... passes test

water (K.F.)..... max. 0,5 %

Physical data

- Density: 1,09 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 28 °C
- Boiling point: 269 - 271 °C
- Flash point: 177 °C
- Ignition temperature: 370 °C
- Vapour pressure: (20 °C) < 0,01 hPa
- Viscosity: (30 °C) 352 mPas
- Expl. limit (upper): 6,4 Vol%
- Expl. limit (lower): 1,7 Vol%
- pH(10 g/l H₂O, 20 °C) ~ 11
- Hygroscopic

Safety - GHS

Signal Word: Danger

Hazard Statements:

H318: Causes serious eye damage.

H373: May cause damage to organs through prolonged or repeated exposure.

H302: Harmful if swallowed.

H315: Causes skin irritation.

**Precautionary Statements:**

P260: Do not breathe dust / fume / gas / mist / vapours / spray.

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor / physician.

P321: Specific treatment (see on this label).

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 10°C - 30°C