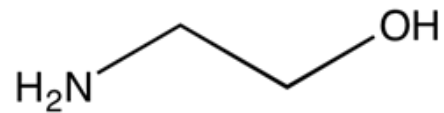


Identification

C₂H₇NO
M = 61,08 g/mol
CAS [141-43-5]
EC number: 205-483-3
Taric code: 2922 11 00

**Synonyms**

2-Aminoethanol, 2-Hydroxyethylamine, Monoethanolamine

Applications

analytical chemistry, synthesis of organic products, for pharmaceuticals synthesizing, emulsifier.

Specifications

assay (G.C.).....	min. 98 %	residue on ignition.....	max. 0,01 %
identity (IR-spectrum).....	passes test	water (K.F.).....	max. 0,3 %

Physical data

- Density: 1,02 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 10,5 °C
- Boiling point: 171 °C
- Flash point: 93 °C
- Ignition temperature: 410 °C
- Vapour pressure: (20 °C) 0,5 hPa
- Refraction index: (n 20 °C/D) 1,4539
- Viscosity: (20 °C) 23 mPas
- Evap. heat: (170 °C) 963 KJ/kg
- Expl. limit (upper): 13,1 Vol%
- Expl. limit (lower): 2,5 Vol%
- pH(100 g/l H₂O, 20 °C) 12,1
- Hygroscopic

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H314: Causes severe skin burns and eye damage.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H412: Harmful to aquatic life with long lasting effects.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
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.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 C7 III • UN 2491 • ETHANOLAMINE or ETHANOLAMINE SOLUTION
- IMDG: 8 III • UN 2491 • ETHANOLAMINE
- IATA/ICAO: 8 III • UN 2491 • ETHANOLAMINE
- PAX: 818
- CAO: 820
- 15°C - 25°C