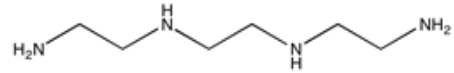


Identification

$C_6H_{18}N_4$
M = 146,24 g/mol
CAS [112-24-3]
EC number: 203-950-6
Taric code: 2921 29 00

**Synonyms**

N,N'-Bis(2-aminoethyl)-1,2-ethanediamine

Applications

synthesis of organic products, manufacturing of synthetic resins, in lubricant compositions, analytical chemistry, for the detection of: copper and nickel.

Specifications

assay (G.C.).....	min. 60 %	density (20°/4°).....	0,977 - 0,982
identity (IR-spectrum).....	passes test		

Physical data

- Density: 0,98 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 12 °C
- Boiling point: (13 hPa) 144 - 147 °C
- Flash point: 129 °C
- Ignition temperature: 335 °C
- Vapour pressure: (20 °C) < 0,01 hPa
- Refraction index: (n 20 °C/D) 1,4971
- pH(10 g/l H₂O, 20 °C) 10 - 11
- Hygroscopic

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H314: Causes severe skin burns and eye damage.
H312: Harmful in contact with skin.
H317: May cause an allergic skin reaction.
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 II • UN 2259 • TRIETHYLENETETRAMINE
- IMDG: 8 II • UN 2259 • TRIETHYLENETETRAMINE
- IATA/ICAO: 8 II • UN 2259 • TRIETHYLENETETRAMINE
- PAX: 808
- CAO: 812
- 10°C - 30°C