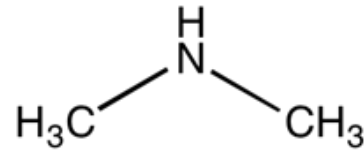


Dimethylamine, solution 40% in water, w/w, EssentQ®

Identification

C₂H₇N
M = 45,09 g/mol
CAS [124-40-3]
EC number: 204-697-4
Taric code: 2921 11 00

**Synonyms**

N-Methylmethanamine

Applications

analytical chemistry, in the rubber industry, cosmetics, detergent, laboratory reagent (magnesium).

Specifications

assay (acidimetric)..... approx. 40 %

Physical data

- Density: 0,89 g/cm³
- Melting point: -37 °C
- Boiling point: 54 °C
- Flash point: -18 °C
- Ignition temperature: 415 °C
- Vapour pressure: (20 °C) 263 hPa
- Refraction index: (n 20 °C/D) 1,3700
- Expl. limit (upper): 12,3 Vol%
- Expl. limit (lower): 2,6 Vol%

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H225: Highly flammable liquid and vapour.
H318: Causes serious eye damage.
H302: Harmful if swallowed.
H335: May cause respiratory irritation.
H315: Causes skin irritation.

**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
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.
P370+P378: In case of fire: Use ... for extinction.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 3 FC II • UN 1160 • DIMETHYLAMINE AQUEOUS SOLUTION
- IMDG: 3 II • UN 1160 • DIMETHYLAMINE, AQUEOUS SOLUTION
- IATA/ICAO: 3 II • UN 1160 • DIMETHYLAMINE, AQUEOUS SOLUTION
- PAX: 305
- CAO: 307
- 15°C - 25°C