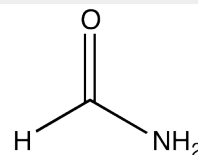


**Identification**

CH<sub>3</sub>NO  
M = 45,04 g/mol  
CAS [75-12-7]  
EC number: 200-842-0  
Taric code: 2924 19 00


**Synonyms**

Methanamide, Methane amide, Carbamaldehyde, Formic acid amide

**Applications**

analytical chemistry, laboratory reagent, solvents, chromatography, synthesis of organic products.

**Specifications**

assay (as N) .....min. 99 %  
identity (IR-spectrum).....passes test  
density (20°/4°).....1,132 - 1,135  
absorbance of an aqueous solution 0,5 M in a 1 cm cell at 260 nm  
max. 0,08 AU

absorbance of an aqueous solution 0,5 M in a 1 cm cell at 270 nm  
max. 0,05 AU  
absorbance of an aqueous solution 0,5 M in a 1 cm cell at 280 nm  
max. 0,03 AU  
heavy metals (as Pb)..... max. 1 ppm  
DNases, RNases, Proteases ..... non detected

**Physical data**

- Density: 1,13 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: 2 °C
- Boiling point: 210 °C (decomposes)
- Flash point: 175 °C
- Ignition temperature: 500 °C
- Vapour pressure: (20 °C) 0,08 hPa
- Dipolar moment: (20 °C) 3,4 Debye
- Dielectric const.: (25 °C) 109,5
- Saturation conc.: (20 °C) 0,24 g/m<sup>3</sup>
- Expl. limit (upper): 19,0 Vol%
- Expl. limit (lower): 2,7 Vol%
- pH(200 g/l H<sub>2</sub>O, 20 °C) 4 - 5
- Hygroscopic

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

H351: Suspected of causing cancer.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H360FD: May damage fertility. May damage the unborn child.


**Precautionary Statements:**

P260: Do not breathe dust / fume / gas / mist / vapours / spray.  
P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P308+P313: IF exposed or concerned: Get medical advice / attention.  
P314: Get medical advice / attention if you feel unwell.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 10°C - 30°C