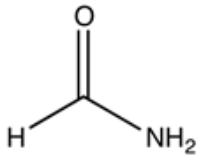
FO0026
Formamide, for analysis, ExpertQ®, ACS

Identification

CH_3NO
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. 99,5 %	copper (Cu)	max. 1 ppm
identity (IR-spectrum)	passes test	iron (Fe)	max. 1 ppm
density (20°/4°)	1,132 - 1,135	lead (Pb)	max. 1 ppm
colour (Hazen)	max. 10	zinc (Zn)	max. 1 ppm
melting point	2,0 - 3,0 °C	formic acid (HCOOH)	max. 0,02 %
chlorides (Cl)	max. 0,0001 %	residue on ignition (600 °C)	max. 0,005 %
cadmium (Cd)	max. 1 ppm	water (K.F.)	max. 0,1 %

Physical data

- Density: 1,13 g/cm3
- 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^3
- Expl. limit (upper): 19,0 Vol%
- Expl. limit (lower): 2,7 Vol%
- pH(200 g/l H_2O, 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