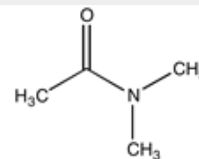


Identification

C₄H₉NO
 M = 87,12 g/mol
 CAS [127-19-5]
 EC number: 204-826-4
 Taric code: 2924 19 00


Synonyms

Acetic acid dimethylamide

Applications

laboratory reagent, solvents (synthesis of organic products).

Specifications

assay (G.C.).....	min. 99,8 %	min. transmission/max. absorbance in a 1,0 cm cell at
identity (IR-spectrum).....	passes test	wavelength:..... T(%) A (AU)
density (20°/4°).....	0,940 - 0,942	275 nm..... 20 % 0,699 AU
acidity.....	max. 0,0005 meq/g	285 nm..... 50 % 0,301 AU
alkalinity.....	max. 0,003 meq/g	310 nm..... 90 % 0,046 AU
residue on evaporation.....	max. 0,0002 %	
water (K.F.).....	max. 0,05 %	Microfiltered through membranes of pore diameter 0,22 µm

Physical data

- Density: 0,94 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -20 °C
- Boiling point: 165 -166 °C
- Flash point: 64 °C
- Ignition temperature: 320 °C
- Vapour pressure: (20 °C) 1,76 hPa
- Refraction index: (n 20 °C/D) 1,4230
- Dipolar moment: (20 °C) 3,8 Debye
- Dielectric const.: (25 °C) 37,8
- Saturation conc.: (20 °C) 12 g/m³
- Expl. limit (upper): 11,5 Vol%
- Expl. limit (lower): 1,7 Vol%
- pH(200 g/l H₂O, 20 °C) ~ 4
- Hygroscopic

Safety - GHS

Signal Word: Danger

Hazard Statements:

H312+H332: Harmful in contact with skin or if inhaled.
 H360D: May damage the unborn child.


Precautionary Statements:

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
 P280: Wear protective gloves / protective clothing / eye protection / face protection.
 P321: Specific treatment (see on this label).
 P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P405: Store locked up.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 10°C - 30°C