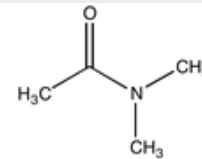


**Identification**

C<sub>4</sub>H<sub>9</sub>NO  
 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. 99,5 %	cobalt (Co).....	max. 0,02 ppm
identity (IR-spectrum).....	passes test	copper (Cu).....	max. 0,02 ppm
density (20°/4°).....	0,940 - 0,942	heavy metals (as Pb).....	max. 0,05 ppm
acidity.....	max. 0,0005 meq/g	iron (Fe).....	max. 0,1 ppm
pH (20 %, H <sub>2</sub> O).....	4,0 - 7,0	lead (Pb).....	max. 0,1 ppm
chlorides (Cl).....	max. 0,001 %	magnesium (Mg).....	max. 0,1 ppm
sulfates (SO <sub>4</sub> ).....	max. 0,001 %	manganese (Mn).....	max. 0,02 ppm
cadmium (Cd).....	max. 0,05 ppm	nickel (Ni).....	max. 0,02 ppm
calcium (Ca).....	max. 0,5 ppm	zinc (Zn).....	max. 0,1 ppm
chromium (Cr).....	max. 0,02 ppm	residue on evaporation.....	max. 0,0005 %
		water (K.F.).....	max. 0,05 %

**Physical data**

- Density: 0,94 g/cm<sup>3</sup>
- 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/m<sup>3</sup>
- Expl. limit (upper): 11,5 Vol%
- Expl. limit (lower): 1,7 Vol%
- pH(200 g/l H<sub>2</sub>O, 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**

- 15°C - 25°C