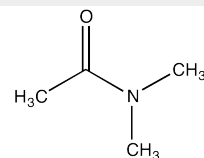


Identification

C_4H_9NO
 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. 99,99 %
 refractive index n₂₀/D..... 1,438 - 1,439
 water (K.F.)..... max. 0,03 %

Packed under inert gas

Suitable for residual solvents analysis


Residual solvents are analysed according to guideline CPMP/ICH/283/95.


Class 1 solvents excluded by production process

Class 2 and class 3 solvents likely to be present below following limits

dichloromethane.....	0,6 mg/l
tert-Butyl methyl ether.....	1 mg/l
acetone	1 mg/l
methanol	1 mg/l
tetrahydrofuran.....	0,7 mg/l
n-Hexane.....	0,3 mg/l
ethyl acetate.....	1 mg/l
ethanol.....	1 mg/l
cyclohexane.....	1 mg/l
acetonitrile.....	0,4 mg/l
2-propanol.....	1 mg/l
isopropyl acetate.....	1 mg/l
n-Propanol.....	1 mg/l
n-Heptane.....	1 mg/l
methylcyclohexane.....	1 mg/l
1,4-Dioxane.....	0,4 mg/l
toluene.....	0,9 mg/l
pyridine.....	1 mg/l
n-Butanol.....	1 mg/l
butyl acetate.....	1 mg/l
ethylbenzene.....	1 mg/l
p-Xylene.....	1 mg/l
m-Xylene.....	1 mg/l
o-Xylene.....	1 mg/l
benzene (G.C.).....	absence

Packaging
Packaging Code

1 l  DI08621000

1 l  DI08622500

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: (n₂₀ °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:**

H360D: May damage the unborn child.

H312: Harmful in contact with skin.

H332: Harmful if inhaled.

Precautionary Statements:

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P281: Use personal protective equipment as required.

P322: Specific measures (see on this label).

P405: Store locked up.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- LD 50 (oral, rat): 4300 mg/kg
- MAK: 10 ml/m³, 36 mg/m³
- WGK: 1
- Poison class CH (Swiss): 2

Transport/storage

- Store between 15°C and 25°C