

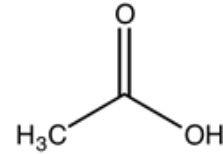
IdentificationCH₃COOH

M = 60,05 g/mol

CAS [64-19-7]

EC number: 200-580-7

Taric code: 2915 21 00

**Synonyms**

Methane carboxylic acid, Methylformic acid

Applications

laboratory reagent, synthesis of organic products, in the rubber industry, in food industry, in pharma industry.

Specifications

assay (acidimetric).....	99,5 - 100,5 %	chlorides (Cl).....	passes test
Identification acetates.....	passes test	sulfates (SO ₄).....	max. 50 mg/L
Identification A (EP).....	passes test	sulfates (SO ₄).....	passes test
appearance.....	clear and colourless	iron (Fe).....	max. 5 ppm
freezing point.....	min. 15,6 °C	readily oxidisable substances.....	passes test
chlorides (Cl).....	max. 25 mg/L	reducing substances.....	passes test
		limit of nonvolatile residue.....	max. 0,005 % m/V

Physical data

- Appearance: crystalline mass or a clear colourless volatile liquid, miscible with ether, with alcohol, with ether, and with methylene chloride
- Density: 1,05 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 17 °C
- Boiling point: 117 °C
- Flash point: 39 °C
- Ignition temperature: 485 °C
- Vapour pressure: (20 °C) 15,4 hPa
- Refraction index: (20 °C) 1,37
- Expl. limit (upper): 19,9 Vol%
- Expl. limit (lower): 4 Vol%
- pH(50 g/l H₂O, 20 °C) 2,5

Safety - GHS**Signal Word:** Danger**Hazard Statements:**

H314: Causes severe skin burns and eye damage.

H226: Flammable liquid and vapour.

**Precautionary Statements:**

P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.

P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor / physician.

P370+P378: In case of fire: Use ... for extinction.

P405: Store locked up.

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

Transport/storage

- ADR: 8 CF1 II • UN 2789 • ACETIC ACID, GLACIAL or ACETIC ACID SOLUTION
- IMDG: 8 II • UN 2789 • ACETIC ACID, GLACIAL
- IATA/ICAO: 8 II • UN 2789 • ACETIC ACID, GLACIAL
- PAX: 809
- CAO: 813
- 10°C - 30°C