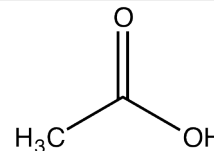


**Identification**

CH<sub>3</sub>COOH  
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).....	99,0 - 100,5 %	heavy metals (as Pb).....	max. 0,0005 %
identification.....	passes test	iron (Fe).....	max. 0,0005 %
identity acidity.....	passes test	reducing substances.....	passes test
identity acetate.....	passes test	residue on evaporation.....	max. 0,001 %
appearance.....	clear and colourless	Residual solvents are analysed	
freezing point.....	min. 14,8 °C	according to guideline	
chlorides (Cl).....	max. 0,0025 %	CPMP/ICH/283/95.	
sulfates (SO <sub>4</sub> ) .....	max. 0,005 %		

**Packaging**
**Packaging Code**

- 1 l  AC03421000
- 2,5 l  AC03422500
- 5 l  AC0342005P
- 25 l  AC0342025P

**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/cm<sup>3</sup>
- 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 H<sub>2</sub>O, 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.
- P241: Use explosion-proof electrical / ventilating / lighting / equipment.
- 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.
- P405: Store locked up.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- LD 50 (oral, rat): 3310 mg/kg
- MAK: 10 ml/m<sup>3</sup>, 25 mg/m<sup>3</sup>
- WGK: 1
- Poison class CH (Swiss): 3

**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
- Store between 15°C and 25°C