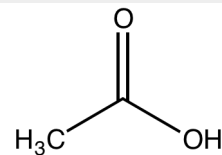


Identification

CH₃COOH
 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

Specifications

assay (acidimetric).....	min. 99,9 %	manganese (Mn).....	max. 0,05 ppm
identity (IR-spectrum).....	passes test	molybdenum (Mo).....	max. 0,05 ppm
aluminium (Al).....	max. 0,05 ppm	nickel (Ni).....	max. 0,05 ppm
barium (Ba).....	max. 0,05 ppm	potassium (K).....	max. 0,1 ppm
cadmium (Cd).....	max. 0,05 ppm	silver (Ag).....	max. 0,05 ppm
calcium (Ca).....	max. 0,5 ppm	sodium (Na).....	max. 0,5 ppm
chromium (Cr).....	max. 0,05 ppm	strontium (Sr).....	max. 0,05 ppm
cobalt (Co).....	max. 0,05 ppm	thallium (Tl).....	max. 0,05 ppm
copper (Cu).....	max. 0,05 ppm	zinc (Zn).....	max. 0,05 ppm
iron (Fe).....	max. 0,2 ppm		
lead (Pb).....	max. 0,05 ppm	suitability for use in LC-MS.....	passes test
lithium (Li).....	max. 0,05 ppm		
magnesium (Mg).....	max. 0,1 ppm		

Physical data

- 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.
 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/m³, 25 mg/m³
- 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