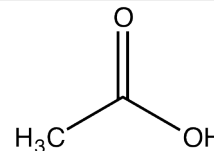


**Identification**

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.

**Specifications**

assay (acidimetric).....	min. 99,8 %	min. transmission/max. absorbance	
identity (IR-spectrum).....	passes test	in a 1,0 cm cell at	
density (20°/4°).....	1,048 - 1,050	wavelength:	T(%) A (AU)
residue on evaporation.....	max. 0,0002 %	260 nm.....	80 % 0,097 AU
water (K.F.).....	max. 0,2 %	270 nm.....	95 % 0,022 AU
		280 nm.....	98 % 0,009 AU

Microfiltered through membranes  
 of pore diameter 0,22 µm

**Packaging**
**Packaging Code**

1 l  AC03461000  
 2,5 l  AC03462500

**Physical data**

- 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