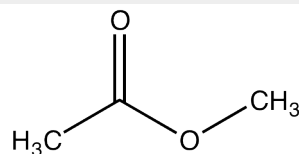


**Identification**

$\text{CH}_3\text{COOCH}_3$   
 M = 74,08 g/mol  
 CAS [79-20-9]  
 EC number: 201-185-2  
 Taric code: 2915 39 30


**Synonyms**

Acetic acid methyl ester



**Applications**

synthesis of organic products, solvents, in the textile industry.

**Specifications**

assay (G.C.).....	min. 99 %	residue on evaporation.....	max. 0,001 %
identity (IR-spectrum).....	passes test	water (K.F.).....	max. 0,1 %
density (20°/4°).....	0,932 - 0,934		

**Packaging**
**Packaging Code**

1 l  AC02071000  
 2,5 l  AC02072500

**Physical data**

- Density: 0,93 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 319 g/l
- Melting point: -98 °C
- Boiling point: 56 - 58 °C
- Flash point: -10 °C
- Ignition temperature: 455 °C
- Vapour pressure: (20 °C) 217 hPa
- Refraction index: (n 20 °C/D) 1,3614
- Viscosity: (20 °C) 0,38 mPas
- Dielectric const.: (25 °C) 6,6
- Saturation conc.: (20 °C) 665 g/m<sup>3</sup>
- Expl. limit (upper): 16 Vol%
- Expl. limit (lower): 3,1 Vol%
- pH7

**Safety - GHS**

**Signal Word:** Danger


**Hazard Statements:**

H225: Highly flammable liquid and vapour.  
 H319: Causes serious eye irritation.  
 H336: May cause drowsiness or dizziness.  
 EUH066: Repeated exposure may cause skin dryness or cracking.

**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): 5000 mg/kg
- MAK: 200 ml/m<sup>3</sup>, 610 mg/m<sup>3</sup>
- WGK: 1
- Poison class CH (Swiss): 3

**Transport/storage**

- ADR: 3 F1 II • UN 1231 • METHYL ACETATE
- IMDG: 3 II • UN 1231 • METHYL ACETATE
- IATA/ICAO: 3 II • UN 1231 • METHYL ACETATE
- PAX: 305
- CAO: 307
- Store between 15°C and 25°C