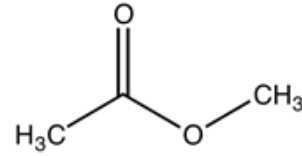


**Identification**

CH<sub>3</sub>COOCH<sub>3</sub>  
M = 74,08 g/mol  
CAS [79-20-9]  
EC number: 201-185-2  
Taric code: 2915 39 00

**Synonyms**

Acetic acid methyl ester

**Applications**

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

**Specifications**

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

**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.  
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.  
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: 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
- 10°C - 30°C