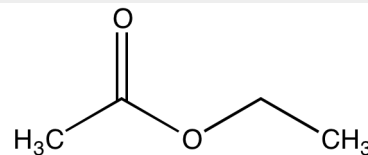


**Identification**

$C_4H_8O_2$   
 M = 88,10 g/mol  
 CAS [141-78-6]  
 EC number: 205-500-4  
 Taric code: 2915 31 00


**Synonyms**

Acetic acid ethyl ester, Acetic ether







**Applications**

solvents, perfumery, photography, in pharma industry.

**Specifications**

assay (G.C.).....	98,0 - 102,0 %	water (K.F.).....	max. 0,1 %
identification.....	passes test		
density (20°/20°).....	0,898 - 0,902	Elemental impurities are analysed	
density (25°/25°).....	0,894 - 0,898	according to guideline	
refractive index n <sub>20</sub> /D.....	1,370 - 1,373	CHMP/ICH/353369/2013.	
appearance of solution.....	clear and colourless		
acidity.....	passes test	Residual solvents are analysed	
substances darkened by H <sub>2</sub> SO <sub>4</sub> .....	passes test	according to guideline	
related substances.....	passes test	CPMP/ICH/283/95.	
residue on evaporation.....	max. 30 ppm		

**Packaging**
**Packaging Code**

1 l		AC01431000
2,5 l		AC01432500
5 l		AC0143005L
25 l		AC0143025A
25 l		AC0143025S
200 l		AC0143200L

**Physical data**

- Density: 0,90 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 85,3 g/l
- Melting point: -83 °C
- Boiling point: 77 °C
- Flash point: -4 °C
- Ignition temperature: 460 °C
- Vapour pressure: (20 °C) 97hPa
- Refraction index: (n 20 °C/D) 1,3723
- Viscosity: (20 °C) 0,44 mPas
- Dipolar moment: (20 °C) 1,78 Debye
- Dielectric const.: (25 °C) 6,0
- Evap. heat: (77 °C) 427 KJ/kg
- Saturation conc.: (20 °C) 336 g/m<sup>3</sup>
- Expl. limit (upper): 11,5 Vol%
- Expl. limit (lower): 2,1 Vol%

**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): 5620 mg/kg
- MAK: 400 ml/m<sup>3</sup>, 1500 mg/m<sup>3</sup>
- WGK: 1
- Poison class CH (Swiss): 5

**Transport/storage**

- ADR: 3 F1 II • UN 1173 • ETHYL ACETATE
- IMDG: 3 II • UN 1173 • ETHYL ACETATE
- IATA/ICAO: 3 II • UN 1173 • ETHYL ACETATE
- PAX: 305
- CAO: 307
- Store between 15°C and 25°C