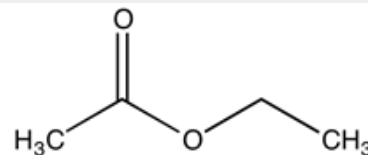


Identification

C₄H₈O₂
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.

Specifications

assay (G.C.).....	min. 99,8 %	residue on evaporation.....	max. 0,0005 %
identity (IR-spectrum).....	passes test	water (K.F.).....	max. 0,03 %
density (20°/4°).....	0,900 - 0,902	suitability for use in LC-MS.....	passes test
alkalinity.....	max. 0,0002 meq/g	min. transmission/max. absorbance in a 1,0 cm cell at	
aluminium (Al).....	max. 10 ppb	wavelength:.....	T(%) A (AU)
calcium (Ca).....	max. 10 ppb	255 nm.....	20 % 0,699 AU
iron (Fe).....	max. 10 ppb	258 nm.....	50 % 0,301 AU
magnesium (Mg).....	max. 5 ppb	265 nm.....	90 % 0,046 AU
potassium (K).....	max. 20 ppb		
sodium (Na).....	max. 100 ppb	Microfiltered through membranes of pore diameter 0,22 µm	

Physical data

- Density: 0,90 g/cm³
- 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/m³
- 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.
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 1173 • ETHYL ACETATE
- IMDG: 3 II • UN 1173 • ETHYL ACETATE
- IATA/ICAO: 3 II • UN 1173 • ETHYL ACETATE
- PAX: 353
- CAO: 364
- 10°C - 30°C