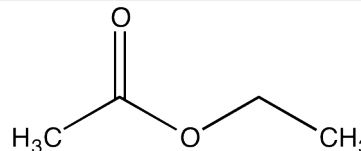


Identification

$C_4H_8O_2$
 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.

Specifications

assay (G.C.).....	min. 99,5 %	acidity (as CH ₃ COOH).....	max. 0,003 %
identity (IR-spectrum).....	passes test	residue on evaporation.....	max. 0,001 %
density (20°/4°).....	0,900 - 0,902	water (K.F.).....	max. 0,05 %

Packaging
Packaging Code

- 1 l  AC01401000
- 2,5 l  AC01402500
- 5 l  AC0140005L
- 5 l  AC0140005P
- 7 l  AC0140007E
- 25 l  AC0140025L
- 25 l  AC0140025P
- 25 l  AC0140025S

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.
- 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/m³, 1500 mg/m³
- 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