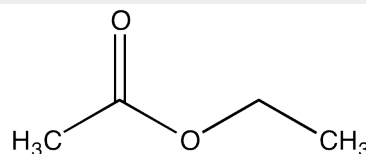


Ethyl acetate, 99,8%, anhydrous (max. 0,005% H₂O), with molecular sieves
Identification

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 %	lead (Pb).....	max. 0,00002 %
identification.....	passes test	nickel (Ni).....	max. 0,00002 %
density (20°/20°).....	0,898 - 0,902	ethanol (G.C.).....	max. 0,1 %
acidity.....	passes test	methanol (G.C.).....	max. 0,1 %
copper (Cu).....	max. 0,00002 %	methyl acetate (G.C.).....	max. 0,01 %
heavy metals (as Pb).....	max. 0,0001 %	substances darkened by H ₂ SO ₄	passes test
iron (Fe).....	max. 0,00005 %	water (K.F.).....	max. 0,005 %

Packaging
Packaging Code

AC01411 ☐ AC01411000

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

Ethyl acetate, 99,8%, anhydrous (max. 0,005% H₂O), with molecular sieves

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