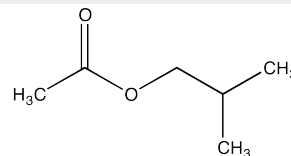


Identification

$C_6H_{12}O_2$
 M = 116,16 g/mol
 CAS [110-19-0]
 EC number: 203-745-1
 Taric code: 2915 34 00


Synonyms

Acetic acid isobutyl ester

Applications

synthesis of organic products, solvents, in food industry.

Specifications

assay (G.C.).....	min. 96 %	density (20°/4°).....	0,870 - 0,875
identity (IR-spectrum).....	passes test	water (K.F.).....	max. 0,1 %

Packaging
Packaging Code

1 I 0 AC01701000

Physical data

- Density: 0,87 g/cm³
- Solub. in water: (20 °C): 7 g/l
- Melting point: -99 °C
- Boiling point: 116 - 118 °C
- Flash point: 18 °C
- Ignition temperature: 510 °C
- Vapour pressure: (20 °C) 17 hPa
- Refraction index: (n 20 °C/D) 1,3877
- Viscosity: (20 °C) 0,7 mPas
- Dipolar moment: (20 °C) 5,3 Debye
- Dielectric const.: (20 °C) 5,3
- Saturation conc.: (20 °C) 80 g/m³
- Expl. limit (upper): 10,5 Vol %
- Expl. limit (lower): 2,4 Vol %
- pH(4 g/l H₂O, 20 °C) 5

Safety - GHS

Signal Word: Danger


Hazard Statements:

H225: Highly flammable liquid and vapour.
 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.
 P280: Wear protective gloves / protective clothing / eye protection / face protection.
 P240: Ground/bond container and receiving equipment.
 P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- LD 50 (oral, rat): 13400 mg/kg
- MAK: 100 ml/m³, 480 mg/m³
- WGK: 1
- Poison class CH (Swiss): 5

Transport/storage

- ADR: 3 F1 II • UN 1213 • ISOBUTYL ACETATE
- IMDG: 3 II • UN 1213 • ISOBUTYL ACETATE
- IATA/ICAO: 3 II • UN 1213 • ISOBUTYL ACETATE
- PAX: 305
- CAO: 307