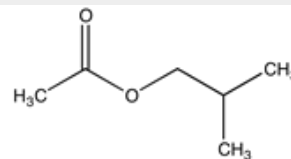


**Identification**

C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>  
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 %  
identity (IR-spectrum)..... passes test

density (20°/4°)..... 0,870 - 0,875  
water (K.F.)..... max. 0,1 %

**Physical data**

- Density: 0,87 g/cm<sup>3</sup>
- 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/m<sup>3</sup>
- Expl. limit (upper): 10,5 Vol %
- Expl. limit (lower): 2,4 Vol %
- pH(4 g/l H<sub>2</sub>O, 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.  
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
P370+P378: In case of fire: Use ... for extinction.  
P403+P235: Store in a well-ventilated place. Keep cool.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**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
- 10°C - 30°C