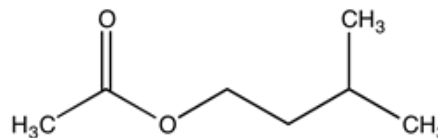


## Isoamyl acetate, EssentQ®

**Identification**

C<sub>7</sub>H<sub>14</sub>O<sub>2</sub>  
M = 130,19 g/mol  
CAS [123-92-2]  
EC number: 204-662-3  
Taric code: 2915 39 30

**Synonyms**

Acetic acid isoamyl ester, 3-Methylbutyl acetate

**Applications**

analytical chemistry, solvents, synthesis of organic products, perfumery.

**Specifications**

assay (G.C.).....	min. 99 %	iron (Fe).....	max. 0,5 ppm
identity (IR-spectrum).....	passes test	lead (Pb).....	max. 0,2 ppm
density (20°/4°).....	0,872 - 0,873	nickel (Ni).....	max. 0,2 ppm
free acid (as CH <sub>3</sub> COOH).....	max. 0,02 %	isoamyl alcohol (G.C.).....	max. 1 %
copper (Cu).....	max. 0,2 ppm	residue on evaporation.....	max. 0,005 %
		water (K.F.).....	max. 0,1 %

**Physical data**

- Density: 0,87 g/cm<sup>3</sup>
- Solub. in water: (19,4 °C): 2,12 g/l
- Melting point: -78 °C
- Boiling point: 141 °C
- Flash point: 25 °C
- Ignition temperature: 355 °C
- Vapour pressure: (20 °C) 4 hPa
- Expl. limit (upper): 8,2 Vol%
- Expl. limit (lower): 1,3 Vol%
- pH~ 7

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H226: 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 III • UN 1104 • AMYL ACETATES
- IMDG: 3 III • UN 1104 • AMYL ACETATES
- IATA/ICAO: 3 III • UN 1104 • AMYL ACETATES
- PAX: 309
- CAO: 310
- 10°C - 30°C