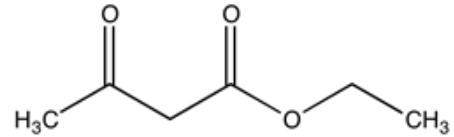


Identification

C₆H₁₀O₃
M = 130,14 g/mol
CAS [141-97-9]
EC number: 205-516-1
Taric code: 2918 30 00

**Synonyms**

EAA, Acetoacetic acid ethyl ester

Applications

synthesis of organic products, for decolourization of liquids.

Specifications

assay (G.C.)..... min. 98 %
identity (IR-spectrum)..... passes test

density (20°/4°)..... 1,028 - 1,030
residue on ignition..... max. 0,01 %
water (K.F.)..... max. 0,2 %

Physical data

- Density: 1,03 g/cm³
- Solub. in water: (20 °C): 125 g/l
- Melting point: -40 °C
- Boiling point: (26,6 hPa) 81,8 - 86,4 °C
- Flash point: 63 °C
- Ignition temperature: 295 °C
- Vapour pressure: (20 °C) 1 hPa
- Refraction index: (n 20 °C/D) 1,4190
- Expl. limit (upper): 54 Vol%
- Expl. limit (lower): 1,6 Vol%
- pH(125 g/l H₂O, 20 °C) 3,8

Safety - GHS

Signal Word: Warning

Hazard Statements:

H319: Causes serious eye irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P264: Wash thoroughly after handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice / attention.

Transport/storage

- 15°C - 25°C