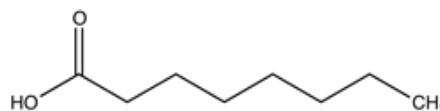


Identification

C₈H₁₆O₂
M = 144,22 g/mol
CAS [124-07-2]
EC number: 204-677-5
Taric code: 2915 90 80

**Synonyms**

Caprylic acid

Applications

synthesis of organic products, manufacture of dyes, perfumery.

Specifications

assay (G.C.).....	min. 99 %	acidity index.....	387 - 389
identity (IR-spectrum).....	passes test	saponifiable impurities.....	max. 0,2 %
density (20°/4°).....	0,909 - 0,910	iodine index.....	max. 0,2
capric acid (G.C.).....	max. 0,5 %	residue on ignition.....	max. 0,1 %

Physical data

- Density: 0,91 g/cm³
- Solub. in water: (20 °C): 0,68 g/l
- Melting point: 16,5 °C
- Boiling point: 237 °C
- Flash point: 130 °C
- Ignition temperature: 440 °C
- Vapour pressure: (20 °C) < 0,1 hPa
- Expl. limit (lower): 1,4 Vol %
- pH(0,2 g/l H₂O, 20 °C) ~ 4

Safety - GHS

Signal Word: Danger

Hazard Statements:

H314: Causes severe skin burns and eye damage.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
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.
P310: Immediately call a POISON CENTER or doctor / physician.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 C3 III • UN 3265 • CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Octanoic acid)
- IMDG: 8 III • UN 3265 • CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Octanoic acid)
- IATA/ICAO: 8 III • UN 3265 • CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Octanoic acid)
- PAX: 852
- CAO: 856
- 10°C - 30°C