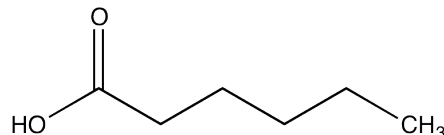


Identification

$C_6H_{12}O_2$
M = 116,16 g/mol
CAS [142-62-1]
EC number: 205-550-7
Taric code: 2915 90 80



Synonyms

Caproic acid

Applications

analytical chemistry, chromatography, perfumery.

Specifications

assay (G.C.).....min. 98 %
identity (IR-spectrum).....passes test
density (20°/4°).....0,926 - 0,927

acidity index.....473 - 482
iodine index.....max. 0,2
saponifiable impurities.....max. 1 %
residue on ignition.....max. 0,05 %

Physical data

- Density: 0,93 g/cm³
- Solub. in water: (20 °C): sparingly miscible
- Melting point: ~ -3 °C
- Boiling point: ~ 206 °C
- Flash point: 102 °C
- Ignition temperature: 380 °C
- Vapour pressure: (20 °C) 0,3 hPa
- Refraction index: (n 20 °C/D) 1,4162
- pH(1 g/l H₂O, 20 °C) ~ 4

Safety - GHS

Signal Word: Danger

Hazard Statements:

H311: Toxic in contact with skin.
H314: Causes severe skin burns and eye damage.
H302: Harmful if swallowed.



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 2829 • CAPROIC ACID
- IMDG: 8 III • UN 2829 • CAPROIC ACID
- IATA/ICAO: 8 III • UN 2829 • CAPROIC ACID
- PAX: 818
- CAO: 820
- 10°C - 30°C