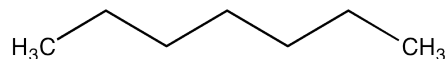


Identification

C_7H_{16}
 M = 100,21 g/mol
 CAS [142-82-5]
 EC number: 205-563-8
 Taric code: 2901 10 00


Applications

analytical chemistry, for spectroscopy.

Specifications

boiling range.....	93 - 99 °C	lead (Pb).....	max. 0,2 ppm
density (20°/4°).....	0,680 - 0,720	nickel (Ni).....	max. 0,2 ppm
acidity.....	max. 0,001 meq/g	sulphur compounds (as S).....	max. 0,005 %
copper (Cu).....	max. 0,2 ppm	thiophene and homologous (as C ₄ H ₄ S).....	max. 0,0005 %
iron (Fe).....	max. 0,5 ppm	residue on evaporation.....	max. 0,001 %
		water (K.F.).....	max. 0,02 %

Physical data

- Density: 0,715 g/cm³
- Boiling point: 93 - 99 °C
- Flash point: -4 °C
- Vapour pressure: (20 °C) 48 hPa
- Viscosity: (20 °C) 0,4 mPas
- Dielectric const.: (20 °C) 1,9
- Saturation conc.: (20 °C) 196 g/m³
- Expl. limit (upper): 7 Vol%
- Expl. limit (lower): 1 Vol%

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H225: Highly flammable liquid and vapour.
 H304: May be fatal if swallowed and enters airways.
 H315: Causes skin irritation.
 H336: May cause drowsiness or dizziness.
 H410: Very toxic to aquatic life with long lasting effects.


Precautionary Statements:

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 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.
 P405: Store locked up.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 3 F1 II • UN 1206 • HEPTANES
- IMDG: 3 II • UN 1206 • HEPTANES
- IATA/ICAO: 3 II • UN 1206 • HEPTANES
- PAX: 353
- CAO: 364
- 10°C - 30°C