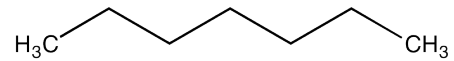


**Identification**

$C_7H_{16}$   
 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	nickel (Ni).....	max. 0,00002 %
density (20°/4°).....	0,680 - 0,720	sulfur compounds (as S).....	max. 0,005 %
acidity.....	max. 0,001 meq/g	thiophene and homologous (as C <sub>4</sub> H <sub>4</sub> S).....	max. 0,0005 %
copper (Cu).....	max. 0,00002 %	residue on evaporation.....	max. 0,001 %
iron (Fe).....	max. 0,00005 %	water (K.F.).....	max. 0,02 %
lead (Pb).....	max. 0,00002 %		

**Packaging**
**Packaging Code**

1 l		HE01201000
2,5 l		HE01202500
5 l		HE0120005L
25 l		HE0120025A
25 l		HE0120025S
30 l		HE0120030S
200 l		HE0120200E

**Physical data**

- Density: 0,715 g/cm<sup>3</sup>
- 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/m<sup>3</sup>
- 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.  
 H400: Very toxic to aquatic life.  
 H410: Very toxic to aquatic life with long lasting effects.  
 H315: Causes skin irritation.  
 H336: May cause drowsiness or dizziness.


**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.  
 P321: Specific treatment (see on this label).  
 P405: Store locked up.  
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- MAK: 500 ml/m<sup>3</sup>, 2000 mg/m<sup>3</sup>
- WGK: 1
- Poison class CH (Swiss): 5

**Transport/storage**

- ADR: 3 F1 II • UN 1206 • HEPTANES
- IMDG: 3 II • UN 1206 • HEPTANES
- IATA/ICAO: 3 II • UN 1206 • HEPTANES
- PAX: 305
- CAO: 307
- Store between 15°C and 25°C