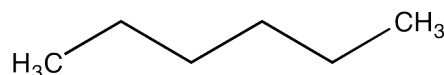


**Identification**

$C_6H_{14}$   
 M = 86,18 g/mol  
 CAS [110-54-3]  
 EC number: 203-777-6  
 Taric code: 2901 10 00


**Synonyms**

n-Caproylhydride, n-Hexylhydride









**Applications**

chromatography, analytical chemistry, determining refractive index of minerals.

**Specifications**

assay (G.C.).....	min. 96 %	lead (Pb).....	max. 0,00002 %
identity (IR-spectrum).....	passes test	nickel (Ni).....	max. 0,00002 %
density (20°/4°).....	0,659 - 0,662	sulfur compounds (as S).....	max. 0,01 %
acidity.....	max. 0,0005 meq/g	substances darkened by H2SO4.....	passes test
copper (Cu).....	max. 0,00002 %	residue on evaporation.....	max. 0,001 %
iron (Fe).....	max. 0,00005 %	water (K.F.).....	max. 0,01 %

**Packaging**
**Packaging Code**

1 l		HE02271000
2,5 l		HE02272500
5 l		HE0227005L
7 l		HE0227007E
25 l		HE0227025A
25 l		HE0227025S
30 l		HE0227030S
200 l		HE0227200L

**Physical data**

- Density: 0,66 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 0,0095 g/l
- Melting point: -94,3 °C
- Boiling point: 69 °C
- Flash point: -22 °C
- Ignition temperature: 240 °C
- Vapour pressure: (20 °C) 160 hPa
- Viscosity: (20 °C) 0,31 mPas
- Dielectric const.: (20 °C) 1,8
- Saturation conc.: (20 °C) 563 g/m<sup>3</sup>
- Expl. limit (upper): 8,1 Vol%
- Expl. limit (lower): 1,0 Vol%

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

- H225: Highly flammable liquid and vapour.  
 H304: May be fatal if swallowed and enters airways.  
 H361f: Suspected of damaging fertility.  
 H373: May cause damage to organs through prolonged or repeated exposure.  
 H315: Causes skin irritation.  
 H336: May cause drowsiness or dizziness.  
 H411: Toxic to aquatic life with long lasting effects.


**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.  
 P241: Use explosion-proof electrical / ventilating / lighting / equipment.  
 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.  
 P405: Store locked up.  
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- LD 50 (oral, rat): 28710 mg/kg
- MAK: 50 ml/m<sup>3</sup>, 180 mg/m<sup>3</sup>
- WGK: 1
- Poison class CH (Swiss): 4

**Transport/storage**

- ADR: 3 F1 II • UN 1208 • HEXANES
- IMDG: 3 II • UN 1208 • HEXANES
- IATA/ICAO: 3 II • UN 1208 • HEXANES
- PAX: 305
- CAO: 307
- Store between 15°C and 25°C