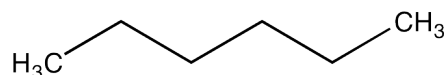


**Identification**

$C_6H_{14}$   
 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 %	Suitable for organohalogenated
identity (IR-spectrum).....	passes test	pesticide and dioxins, furans and PCBs
density (20°/4°).....	0,659 - 0,662	residue analysis.
residue on evaporation.....	max. 0,0001 %	ECD, from 1,2,4-trichlorobenzene to
water (K.F.).....	max. 0,01 %	decachlorobiphenyl, no peaks are
		obtained greater than 3 pg/ml as lindane.
		No peaks are obtained in vicinity of
		2,4,5-trichlorobiphenyl.

**Packaging**
**Packaging Code**

1 l  HE02381000  
 2,5 l  HE02382500  
 4 l  HE02384000  
 7 l  HE0238007E  
 25 l  HE0238025S

**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