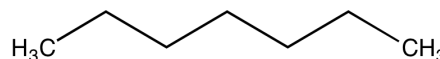


**Identification**

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


**Synonyms**

n-Dipropylmethane, n-Heptylhydride

assay (G.C.).....	min. 99,3 %	Suitable for highly volatile halogenated hydrocarbons trace analysis
identity ( IR-spectrum).....	passes test	ECD, from dichloromethane to 1,2,4-trichlorobenzene, no peaks are obtained greater than 1 ng/ml as tetrachloromethane.
density (20°/4°).....	0,683 - 0,685	
residue on evaporation.....	max. 0,0001 %	
water (K.F.) .....	max. 0,01 %	
Suitable for organohalogenated pesticide and dioxins, furans and PCBs residue analysis		
ECD, from 1,2,4-trichlorobenzene to decachlorobiphenyl, no peaks are obtained greater than 2 pg/ml as lindane. No peaks are obtained in vicinity of 2,4,5-trichlorobiphenyl.		
Suitable for pesticide and polycyclic aromatic hydrocarbons residue analysis		
FID, from 1-octanol to 1-tetradecanol, no peaks are obtained greater than 2 ng/ml as 1-tetradecanol. No peaks are obtained in vicinity of pyrene.		

**Physical data**

- Density: 0,68 g/cm<sup>3</sup>
- Solub. in water: (20 °C): almost non-miscible
- Melting point: -90,6 °C
- Boiling point: 98,4 °C
- Flash point: -4 °C
- Ignition temperature: 215 °C
- Vapour pressure: (20 °C) 48 hPa
- Refraction index: (n 20 °C/D) 1,3876
- 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**

- LD 50 (oral, rat): > 15000 mg/kg
- MAK: 500 ml/m<sup>3</sup>, 2100 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: 353
- CAO: 364
- Store between 15°C and 25°C