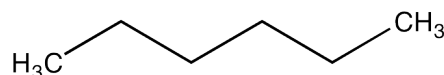


Identification

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 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°).....	0,659 - 0,662	
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.

Packaging
Packaging Code

- 1 l  HE02391000
- 2,5 l  HE02392500
- 4 l  HE02394000

Physical data

- Density: 0,66 g/cm³
- 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/m³
- 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/m³, 180 mg/m³
- 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