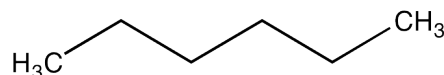


Identification

C₆H₁₄
M = 86,18 g/mol
CAS [110-54-3]
EC number: 203-777-6
Taric code: 2901 10 00



Synonyms

n-Caproylhydride, n-Hexylhydride

Specifications

assay (G.C.).....min. 96,0 %
colour (Hazen).....max. 10
identity (IR-spectrum).....passes test
residue on evaporation.....max. 3 ppm

water (K.F.) max . 0,05 %

GC/MSD (retention range n-undecane to n-tetracontane, scanning area 30 - 600 amu, individual signals (n-tetradecane standard)) max. 3,0 ng/ml (ppb)

Suitable for residue analysis

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.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P370+P378: In case of fire: Use ... for extinction.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

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
- 10°C - 30°C