

Identification

C₆H₁₄O
M = 102,18 g/mol
CAS [111-27-3]
EC number: 203-852-3
Taric code: 2905 19 00

**Synonyms**

n-Hexyl alcohol

Applications

synthesis of organic products, for pharmaceuticals synthesizing.

Specifications

assay (G.C.).....	min. 98 %	density (20°/4°).....	0,818 - 0,819
identity (IR-spectrum).....	passes test	residue on evaporation.....	max. 0,005 %
		water (K.F.).....	max. 0,1 %

Physical data

- Density: 0,82 g/cm³
- Solub. in water: (20 °C): 5,8 g/l
- Melting point: -45 °C
- Boiling point: 157 °C
- Flash point: 62 °C
- Ignition temperature: 285 °C
- Vapour pressure: (20 °C) 1 hPa
- Refraction index: (n 20 °C/D) 1,4179
- Expl. limit (upper): 7,7 Vol%
- Expl. limit (lower): 1,2 Vol%

Safety - GHS

Signal Word: Warning

Hazard Statements:

H226: Flammable liquid and vapour.
H302+H312: Harmful if swallowed or in contact with skin.
H319: Causes serious eye irritation.

**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.
P370+P378: In case of fire: Use ... for extinction.
P403+P235: Store in a well-ventilated place. Keep cool.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 3 F1 III • UN 2282 • HEXANOLS
- IMDG: 3 III • UN 2282 • HEXANOLS
- IATA/ICAO: 3 III • UN 2282 • HEXANOLS
- PAX: 309
- CAO: 310