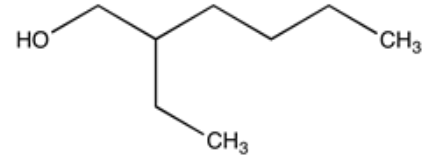


**Identification**

C<sub>8</sub>H<sub>18</sub>O  
M = 130,23 g/mol  
CAS [104-76-7]  
EC number: 203-234-3  
Taric code: 2905 16 85

**Synonyms**

2-Ethyl-1-hexanol, Isooctyl alcohol

**Applications**

analytical chemistry, chromatography, in the textile industry, solvents (manufacture of dyes, resins, oils), antifoaming agent.

**Specifications**

assay (G.C.).....	min. 99 %	min. transmission/max. absorbance	
identity (IR-spectrum).....	passes test	in a 1,0 cm cell at	
density (20°/4°).....	0,832 - 0,833	wavelength:.....	T(%) A (AU)
acidity.....	max. 0,002 meq/g	240 nm.....	40 % 0,398 AU
alkalinity.....	max. 0,001 meq/g	260 nm.....	80 % 0,097 AU
residue on evaporation.....	max. 0,0003 %		
water (K.F.).....	max. 0,15 %	Microfiltered through membranes	
		of pore diameter 0,22 µm	

**Physical data**

- Density: 0,83 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 1,1 g/l
- Melting point: -76 °C
- Boiling point: 185 °C
- Flash point: 75 °C
- Ignition temperature: 270 - 330 °C
- Vapour pressure: (20 °C) 0,13 hPa
- Refraction index: (n 20 °C/D) 1,4317
- Viscosity: (20 °C) 10 mPas
- Dielectric const.: (20 °C) 7,7
- Saturation conc.: (20 °C) 0,36 g/m<sup>3</sup>
- Expl. limit (upper): 12,7 Vol%
- Expl. limit (lower): 1,1 Vol%
- pH(1 g/l H<sub>2</sub>O, 20 °C) 7

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H315: Causes skin irritation.  
H319: Causes serious eye irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P264: Wash thoroughly after handling.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321: Specific treatment (see on this label).  
P332+P313: If skin irritation occurs: Get medical advice / attention.  
P337+P313: If eye irritation persists: Get medical advice / attention.

**Transport/storage**

- ADR: Not regulated • IMDG: Not regulated • AVIATION REGULATED LIQUID, N.O.S. (Isooctanol)
- IATA/ICAO: 9 III • UN 3334 • AVIATION REGULATED LIQUID, N.O.S. (Isooctanol)
- PAX: 906
- CAO: 906
- 15°C - 25°C