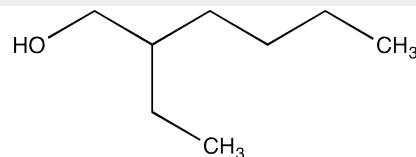


## Identification

$C_8H_{18}O$   
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 %        | copper (Cu).....  | max. 0,2 ppm |
| identity (IR-spectrum)..... | passes test      | iron (Fe).....    | max. 0,5 ppm |
| density (20°/4°).....       | 0,832 - 0,833    | lead (Pb).....    | max. 0,2 ppm |
| acidity.....                | max. 0,002 meq/g | nickel (Ni).....  | max. 0,2 ppm |
|                             |                  | water (K.F.)..... | max. 0,15 %  |

## 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