

Identification

C₈H₁₈O
M = 130,23 g/mol
CAS [111-87-5]
EC number: 203-917-6
Taric code: 2905 16 80

**Synonyms**

1-Octanol

Applications

laboratory reagent, synthesis of organic products, perfumery.

Specifications

assay (G.C.).....	min. 99 %	free acid (as C ₇ H ₁₅ COOH).....	max. 0,005 %
identity (IR-spectrum).....	passes test	foreign alcohols.....	max. 1 %
density (20°/4°).....	0,824 - 0,826	substances darkened by H ₂ SO ₄	passes test
		water (K.F.).....	max. 0,1 %

Physical data

- Density: 0,83 g/cm³
- Solub. in water: (20 °C): non-miscible
- Melting point: -16 °C
- Boiling point: 188 - 198 °C
- Flash point: 81 °C
- Ignition temperature: 270 °C
- Vapour pressure: (20 °C) 0,3 hPa
- Refraction index: (n 20 °C/D) 1,4291
- Expl. limit (lower): 0,8 Vol%

Safety - GHS

Signal Word: Warning

Hazard Statements:

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.

P337+P313: If eye irritation persists: Get medical advice / attention.

Transport/storage

- 15°C - 25°C