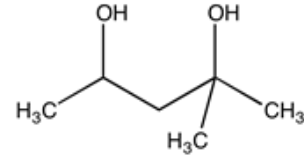


Identification

C₆H₁₄O₂
M = 118,18 g/mol
CAS [107-41-5]
EC number: 203-489-0
Taric code: 2905 39 10

**Synonyms**

2-Methyl-2,4-pentanediol

Applications

synthesis of organic products, for pharmaceuticals synthesizing, cosmetics.

Specifications

assay (G.C.).....	min. 99 %	free acid (as CH ₃ COOH).....	max. 0,01 %
identity (IR-spectrum).....	passes test	residue on ignition.....	max. 0,01 %
density (20°/4°).....	0,921 - 0,923	water (K.F.).....	max. 0,5 %

Physical data

- Density: 0,92 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -40 °C
- Boiling point: 196 °C
- Flash point: 93 °C
- Ignition temperature: 425 °C
- Vapour pressure: (20 °C) 0,06 hPa
- Refraction index: (n 20 °C/D) 1,4270
- Expl. limit (upper): 9,9 Vol%
- Expl. limit (lower): 1 Vol%
- Hygroscopic

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

- 10°C - 30°C