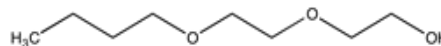


Identification

C₈H₁₈O₃
M = 162,23 g/mol
CAS [112-34-5]
EC number: 203-961-6
Taric code: 2909 43 00

**Synonyms**

Butyl diglycol, 2-(2-Butoxyethoxy)ethanol, Butyl carbitol

Applications

synthesis of organic products, solvents.

Specifications

assay (G.C.).....	min. 99 %	peroxides (as H ₂ O ₂).....	max. 0,05 %
identity (IR-spectrum).....	passes test	residue on ignition.....	max. 0,01 %
density (20°/4°).....	0,951 - 0,954	water (K.F.).....	max. 0,2 %

Physical data

- Density: 0,95 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -68 °C
- Boiling point: 226 - 234 °C
- Flash point: 98 °C
- Ignition temperature: 225 °C
- Vapour pressure: (20 °C) 0,1 hPa
- Refraction index: (n 20 °C/D) 1,4316
- Dielectric const.: (20 °C) 9,7
- Evap. heat: (230 °C) 259 KJ/kg
- Expl. limit (upper): 5,3 Vol%
- Expl. limit (lower): 0,7 Vol%
- pH(20 °C) ~ 7

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

- 10°C - 30°C