

## Diethylene glycol monoethyl ether, EssentQ®

**Identification**

C<sub>6</sub>H<sub>14</sub>O<sub>3</sub>  
M = 134,18 g/mol  
CAS [111-90-0]  
EC number: 203-919-7  
Taric code: 2909 44 00

**Synonyms**

Ethyl diglycol, 2-(2-Ethoxyethoxy)-ethanol, Carbitol

**Applications**

synthesis of organic products, solvents.

**Specifications**

assay (G.C.).....	min. 98 %	peroxides (as H <sub>2</sub> O <sub>2</sub> ).....	max. 0,05 %
identity (IR-spectrum).....	passes test	residue on ignition.....	max. 0,01 %
density (20°/4°).....	0,987 - 0,990	water (K.F.).....	max. 0,1 %

**Physical data**

- Density: 0,99 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: -80 °C
- Boiling point: 207 °C
- Flash point: 93 °C
- Ignition temperature: 190 °C
- Vapour pressure: (20 °C) 0,13 hPa
- Refraction index: (n 20 °C/D) 1,427
- Viscosity: (20 °C) 4,95 mPas
- Dielectric const.: (20 °C) 12,6
- Evap. heat: (202 °C) 403 KJ/kg
- Expl. limit (upper): 12,2 Vol%
- Expl. limit (lower): 1,8 Vol%
- Hygroscopic

**Transport/storage**

- 10°C - 30°C