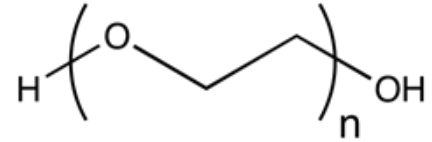


## Polyethylene glycol 300, EssentQ®

**Identification**

HO(C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub>H  
M = 300 g/mol  
CAS [25322-68-3]  
EC number: 203-473-3  
Taric code: 3404 20 00

**Synonyms**

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide

**Applications**

synthesis of organic products, in food industry, cosmetics.

**Specifications**

identity (IR-spectrum).....	passes test	average molar mass.....	285 - 315
density (20°/4°).....	1,125 - 1,127	hydroxyl number.....	356 - 394

**Physical data**

- Density: 1,13 g/cm<sup>3</sup>
- Solub. in water: (20 °C): freely miscible
- Melting point: -15 - -10 °C
- Flash point: 220 °C
- Ignition temperature: 370 °C
- Vapour pressure: (20 °C) < 0,1 hPa
- pH(100 g/l H<sub>2</sub>O, 20 °C) 4 - 7
- Hygroscopic

**Transport/storage**

- 10°C - 30°C