

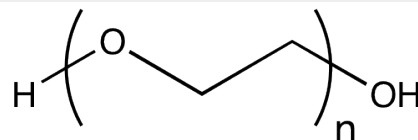
Polyethylene glycol 300, EssentQ®**Identification**HO(C₂H₄O)_nH

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
density (20°/4°).....1,125 - 1,127

average molar mass..... 285 - 315
hydroxyl number..... 356 - 394

Physical data

- Density: 1,13 g/cm³
- 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 H₂O, 20 °C) 4 - 7
- Hygroscopic

Transport/storage

- 10°C - 30°C