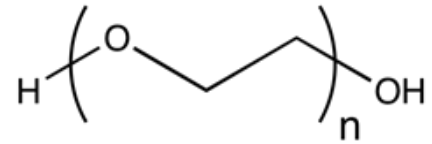


Polyethylene glycol 8000, EssentQ®

Identification

HO(C₂H₄O)_nH
M = 8000 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, in the pharmaceuticals industry, in biochemistry.

Specifications

average molar mass.....	7000 - 9000	pH (5 %, H ₂ O).....	4,5 - 7,5
solubility (5 %, H ₂ O).....	total	peroxides (as H ₂ O ₂).....	max. 0,001 %
		chlorides (Cl).....	max. 0,005 %

Physical data

- Appearance: flakes, white or almost white, up to 1cm
- Solub. in water: (20 °C): ~ 500 g/l
- Melting point: 56 - 63 °C
- Flash point: > 270 °C
- Viscosity: 300 - 450 mPas
- pH(100 g/l H₂O, 20 °C) 5 - 7

Transport/storage

- 10°C - 30°C