

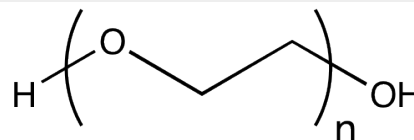
Polyethylene glycol 8000, EssentQ®**Identification**HO(C₂H₄O)_nH

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

solubility (5 %, H₂O)..... totalpH (5 %, H₂O)..... 4,5 - 7,5peroxides (as H₂O₂)..... 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