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## **Technical Data Sheet**

**MATERIAL:** Poly(ethylene glycol)

**CATALOG NUMBER:** 484

**CAS NUMBER:** 25322-68-3

**DESCRIPTION:** Polyether polyol

**FORMULA:**  $(C_2H_4O)_xH_2O$ 

**TYPICAL PROPERTIES:** 

Liquid Appearance: Approx Mw: 200

Density: 1.127 (20°C)  $n_D^{20}$  1.459 Refractive index: 4.5 cs (99°C) Viscosity: Boiling point: > 200°C (dec)

Melting point: -65°C Flash point: 365°F Solubility: THF, water

**GENERAL INFORMATION:** Low molecular weight PEG finds use in a variety of applications. It is an

intermediate in the chemical manufacturer of surfactants and thickeners.

It also finds application in ointment, cream and lotion formulations.

**STRUCTURE:** 

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