



## Technical Data Sheet

**MATERIAL:** Poly(ethylene glycol)

**CATALOG NUMBER:** 487

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

**DESCRIPTION:** Polyether polyol

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

**TYPICAL PROPERTIES:**

Appearance:	Liquid (25°C)
Approx Mw:	600
Density:	1.128 (20°C)
Refractive index:	$n_D^{20}$ 1.466
Viscosity:	11 cs (99°C)
Melting point:	22°C
Boiling point:	> 200°C (dec)
Flash point:	525°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:**

