



Technical Data Sheet

MATERIAL: Poly(ethylene glycol)

CATALOG NUMBER: 485

CAS NUMBER: 25322-68-3

DESCRIPTION: Polyether polyol

FORMULA: $(C_2H_4O)_xH_2O$

TYPICAL PROPERTIES:

Appearance:	Liquid
Approx Mw:	300
Density:	1.127 (20°C)
Refractive index:	n_D^{20} 1.463
Viscosity:	6 cs (99°C)
Boiling point:	> 200°C (dec)
Melting point:	-10°C
Flash point:	425°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:

