



Technical Data Sheet

MATERIAL: Poly(ethylene glycol)

CATALOG NUMBER: 486

CAS NUMBER: 25322-68-3

DESCRIPTION: Polyether polyol

FORMULA: $(C_2H_4O)_xH_2O$

TYPICAL PROPERTIES:

Appearance:	Liquid
Approx Mw:	400
Density:	1.127 (20°C)
Refractive index:	n_D^{20} 1.465
Viscosity:	7.4 cs (99°C)
Melting point:	6°C
Boiling point:	> 200°C (dec)
Flash point:	440°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:

