



Technical Data Sheet

MATERIAL: Poly(ethylene glycol)

CATALOG NUMBER: 489

CAS NUMBER: 25322-68-3

DESCRIPTION: Polyether polyol

FORMULA: $(C_2H_4O)_xH_2O$

TYPICAL PROPERTIES:

Appearance:	Waxy solid
Approx Mw:	1,500
Density:	1.102 (20°C)
Refractive index:	n_D^{20} 1.459
Viscosity:	29 cs (99°C)
Melting point:	47°C
Boiling point:	> 200°C (dec)
Flash point:	385°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:

