



PEG 400 NF  
(Polyethylene Glycol 400)  
Veg Based  
Liquid  
CAS# 25322-68-3

**PRODUCT DATA SHEET**

PARAMETERS	SPECIFICATION
INCI Name	PEG-8
Appearance @ 25°C	Clear, Colorless Liquid
Color APHA	25 max
pH (5% aqueous solution) @ 25°C	6.0 – 7.0
Water Content, %	0.20 max
Acidity (as Acetic Acid), %	0.05 max
Hydroxyl Value, mgKOH/gm	265 – 295
Viscosity @ 99°C, cSt	7.0 – 8.0
Solubility in Water	Complete
Density, g/cm <sup>3</sup> @ 20°C	Report
Residue on Ignition, %	0.10 max
Limits of MEG & DEG, %	0.25 max
Free EO, ppm	10 max
1,4 Dioxane, ppm	10 max
Heavy Metals, ppm	5 max
Organic Volatile Impurities	Comply w/GLC
Average Molecular Weight	380 – 420

\* Bio-based

**Inquiries:**

Acme-Hardesty Co  
450 Sentry Parkway  
Blue Bell, PA 19422  
(800) 223-7054  
[csc@acme-hardesty.com](mailto:csc@acme-hardesty.com)

The data herein are based on our current knowledge and believed to be reliable. They are intended for use by persons having technical skill and at their own discretion and risk. Due to numerous factors that may affect handling, processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any data given herein may change without prior notice and do not constitute a contractual agreement regarding quality.

Acme-Hardesty Co., specifically disclaims any implied warranties of merchantability, suitability or fitness for a particular purpose or application, and assumes no liability in connection with the use of this information. Final determination of suitability is the sole responsibility of the user who alone knows the conditions of intended use.