

Technical Data Sheet

1. General product information	
Product name :	PEG400
Chemical name:	Polyether glycol
CAS number:	25322-68-3
Product Description:	PEG400 is a low-molecular-weight polyethylene glycol liquid classified as a non-ionic polymer. Its primary functions include acting as a solvent, solubilizer, humectant, lubricant, and dispersant, and it is widely used in the pharmaceutical, cosmetic, textile, metalworking, and industrial sectors, particularly in applications featuring hyaluronic acid.

2. Specifications Table		
Parameters	Physical and Chemical Properties	Test Method
Appearance(25°C)	Colorless to pale yellow transparent liquid	Visual assessment
OH Number (mgKOH/g)	267 - 295	GB/T 7383-2007
Cloud point (°C)	-	GB/T 5559-2010
pH value	4.0-7.5	GB/T 12008.2-2010
Water content (%)	-	GB/T 22313-2008
Iodine value (g I ₂ /100 g)	-	General Rules 0713, Chinese Pharmacopoeia

※ The above data is for reference only and should not be construed as technical indicators.

3. Properties and Applications

Used as softeners, antistatic agents, lubricants, and dispersants in the textile and metalworking industries

Used as wetting agents, defoamers, and dispersants in the paper, pesticide, and coatings industries

Used as humectants, solubilizers for inorganic salts, and viscosity modifiers in the household chemicals industry, as well as in personal care products and cosmetics

4. Storage and Handling

Store in dry and cool location and protect the product from heat and direct sunlight. In enclosed original container product keeps stable for at least 2 years. keep the container tightly sealed. Prior taking portions all the lot must be homogenised. please refer to the Safety Data Sheet (MSDS) for this product for instructions on safe and proper handling and disposal.

The information provided in this document is based on the best of our knowledge and experience. It is intended as a general description of our product specifications and shall not constitute a guarantee or agreement regarding the quality of the specified products, respectively. The customer remains responsible for the inspection and testing of the specified products, as well as any supplementary information and documents provided alongside with the specified products, in particular the material safety data sheets, in order to determine their suitability for their particular application.