

Technical Data Sheet

1. General product information	
Product name :	NP-10
Chemical name:	Nonylphenol ethoxylate ether
CAS number:	127087-87-0
Product Description:	NP-10 is a non-ionic surfactant. Its primary function is to serve as a high-quality O/W (oil-in-water) emulsifier, dispersant, and wetting agent. It is mainly used in industries such as industrial cleaning, textile printing and dyeing, leather, pesticides, papermaking, and coatings.

2. Specifications Table		
Parameters	Physical and Chemical Properties	Test Method
Appearance(25°C)	Clear liquid	Visual assessment
Saponification value (mgKOH/g)	-	GB/T 5534-2008
Cloud point (°C)	62-67	GB/T 5559-2010
pH value	5.0-7.0	GB/T 12008.2-2010
Water content (%)	≤0.5	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

Industrial and Household Cleaning: Used as a key raw material in synthetic detergents and liquid detergents, offering excellent degreasing and stain-removing properties.

Textile Printing and Dyeing: Serves as a component in synthetic fiber oil formulations, providing emulsifying and antistatic effects; used as a cleaning agent, dispersant, and leveling agent in printing and dyeing processes.

Agricultural Chemicals: As a high-quality monomer for pesticide emulsifiers, it is widely used in the formulation of various emulsifiable concentrate (EC) formulations.

Other Industries: Used as a functional additive in fields such as leather (degreasing agents), papermaking (deinking agents), and oilfields (wetting agents, foaming agents).

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.