

## Technical Data Sheet

1. General product information	
<b>Product name :</b>	700
<b>Chemical name:</b>	Octylphenol-formaldehyde condensate polyoxyethylene ether
<b>CAS number:</b>	9016 - 45 - 9
<b>Product Description:</b>	700# (Agricultural Emulsifier No. 700) is a non-ionic surfactant. Its primary function is as an emulsifying agent, and it is particularly effective at emulsifying difficult-to-handle pesticides such as organochlorine and organophosphate compounds. Widely used in the pesticide formulation industry and serves as a highly effective component in the preparation of emulsifiable concentrate products such as herbicides and insecticides.

2. Specifications Table		
Parameters	Physical and Chemical Properties	Test Method
Appearance(25°C)	Colorless to white transparent liquid	Visual assessment
Saponification value (mgKOH/g)	-	GB/T 5534-2008
Cloud point (°C)	80-85	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 <sub>2</sub> /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

As a highly effective monomer, it is particularly suitable as an emulsifying agent for pesticides such as organochlorines, organophosphates, carbamates, and pyrethroids, and serves as a highly effective monomer for emulsifiers used in herbicides.

Used as a leveling agent in the high-temperature, high-pressure dyeing process for disperse dyes.

In general industry, it is used as an emulsifier, wetting agent, and dispersant.

#### **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.