

## Technical Data Sheet

1. General product information	
<b>Product name :</b>	500# -70% moisture content
<b>Chemical name:</b>	Calcium Dodecylbenzenesulfonate
<b>CAS number:</b>	26264-06-2
<b>Product Description:</b>	500# - 70% moisture content (Agricultural Emulsifier No. 500 - Type 70) is an anionic surfactant. As a highly effective lipophilic emulsifier, it is primarily used in the pesticide and textile industries to formulate mixed-type pesticide emulsifiers in combination with nonionic hydrophilic surfactants. These emulsifiers are used to prepare various emulsifiable concentrates (ECs) for pesticides or serve as industrial additives, such as textile oil agents.

2. Specifications Table		
Parameters	Physical and Chemical Properties	Test Method
Appearance(25°C)	Brownish-yellow liquid	Visual assessment
Saponification value (mgKOH/g)	-	GB/T 5534-2008
Cloud point (°C)	-	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

Primarily used as an emulsifier for pesticides, particularly as the core anionic component in blended emulsifiers for the formulation of various emulsifiable concentrates (ECs).

As an anionic lipophilic component, it is blended with nonionic hydrophilic surfactants (such as 600#, 700#, etc.) to form hybrid pesticide emulsifiers with high emulsifying performance. These are widely used in emulsifiable concentrate (EC) formulations for organophosphates, organochlorines, pyrethroids, and various herbicides.

Can serve as a co-emulsifier in water-based formulations (such as SC and EW).

Applications in the textile industry: As a component of textile oils, it provides lubrication, smoothness, and antistatic properties.

In industrial cleaning and building materials: Used as tile cleaners, grinding oils, cement dispersants, etc.

#### **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.

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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.