

Technical Data Sheet

1. General product information	
Product name :	500# - Anhydrous 60
Chemical name:	Calcium Dodecylbenzenesulfonate
CAS number:	26264-06-2
Product Description:	500# - Anhydrous 60 is an anionic surfactant. Its primary function is as a lipophilic (O/W type) emulsifier; when blended with various nonionic hydrophilic emulsifiers, it forms the core emulsification system in emulsifiable concentrates (ECs) for pesticides.

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 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

Pesticide Emulsification: Blended with nonionic hydrophilic surfactants to form a hybrid emulsifier system for various emulsifiable concentrates (EC)

Environmental Innovation: Used in various eco-friendly formulations such as water-emulsifiable concentrates (EW), microemulsions (ME), suspension concentrates (SE), and oil dispersants (OD)

Textile Industry: Used in the formulation of synthetic fiber oil agents

Other Industries: Used as tile cleaners, grinding oils, cement dispersants, petroleum additives, 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.

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.