Technical Data Sheet

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Enfinol® SF A600

Version: 2

Performance Overview

- Enfinol® SF A600 is an anionic surfactant with a chemical composition of alkyl alcohol polyether phosphate ester, has highly efficient emulsifying ability and excellent wetting and penetrating performance.

Product Features

- APEO-free
- Highly efficient monomer emulsification
- Effectively enhance the mechanical stability of the emulsion
- Strengthen the binding force between polymer matrix and inorganic pigment

Physical Property

Product Specifications:

Appearance:		Yellow liquid	
Active substance content (%):		≥95	
Acid value（mgKOH/g）:		135	
EO mole number:		6	
pH (3% aqueous solution):		2.7	
Water content (%):		≤1.0	
Color (Gardner):		≤3.0	
Solubility (1:10):	Water	Isopropyl alcohol	Ethylene glycol
	Soluble	Soluble	Soluble

Application

- Industrial cleaning
- Waterborne coatings
- Textile printing and dyeing

Use Method

- Can be directly added during grind stage when used as a dispersant.
- Can be directly added after neutralization with alkali when used as an emulsifier.
- The optimal addition amount needs to be determined through a series of tests.

Packaging & Storage

- 20kg、200kg & 1000 kg/Barrel
- Sealed original container should be stored in a cool and dry place, away from direct sunlight.
- Shelf life of 12 months from the date of production

Service Restrictions

- This product has not been tested nor has it been specifically stated that it is suitable for medical or pharmaceutical use. It may not be used for human injection or consumption.

Limited Warranty Information - Please read carefully

- The content of this product data sheet is based on the products owned by my company, and is provided for reference only.
- Due to the numerous formulations, production, and application conditions, customers should pre-test the adaptability of my company's products before using them to determine their performance, efficiency, and safety.
- The suggestions we provide shall not be considered as a cause of any patent infringement. The sole responsibility of our company is to refund the money or exchange it for a product with same value.
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