Technical Data Sheet

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Enfinol® SF A800

Version: 1

Performance Overview

- Enfinol® SF A800 is an anionic surfactant with a chemical composition of alkyl alcohol polyether phosphate ester, widely applied in fields such as industrial cleaning, emulsion polymerization, coatings and inks, etc.

Product Features

- APEO-free
- Exhibits excellent solubility, wetting-ability, and dispersion properties
- Small particle size, low coagulum level
- Good dispersion of pigments and fillers, enhances pigment acceptance and improves mechanical stability
- Low surface tension
- Low surfactant usage level(1--3% max)

Physical Property

Product Specifications:

Appearance:		Viscous liquid	
Active substance content (%):		≥98	
Acid value（mg KOH/g）		110	
EO mole number		10	
Water content (%):		≤0.8	
Color (Gardner):		≤3.0	
Solubility (1:10, 20℃):	Water	Isopropyl alcohol	Ethylene glycol
	Soluble	Soluble	Soluble

Application

- Industrial cleaning
- emulsion polymerization
- Coatings and inks

Use Method

- Dosage: 2% – 8% for emulsification, 0.5% – 3% for dispersion, 1% – 5% for cleaning
- 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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