Technical Data Sheet

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Enfinol® SF A625

Version: 2

Overview

- Enfinol® SF A625 is a high-performance anionic surfactant with excellent wetting properties, formulated as an alkyl alcohol polyether ammonium phosphate salt. Free from APEO, it demonstrates superior emulsification capabilities for monomers such as acrylic and vinyl acetate, ensuring exceptional stability in polymer emulsions.

Product Features

- Excellent wetting properties, free from APEO
- High emulsification efficiency enables the preparation of emulsions with small particle size and high stability—such as excellent mechanical stability which significantly reduces issues like peeling and flocculation of the emulsion
- Imparts high transparency to the latex film

Physical Property

Products Typical Data	
Appearance	Transparency liquid
Solid content (%)	24.5~25.5
Chroma (APHA)	⩽150
Surface tension （dyn/cm）	≈37
pH（1% aqueous solution ）	6.5~7.5

Solubility (mutual solubility ratio 1:10)	Water	Isopropanol	Ethanediol
	Dissolve	Dissolve	Dissolve

Application

- It is widely used in emulsion polymerization, which can be used as the main monomer emulsifier, or added in advance to the reactor to help control the particle size of emulsion
- Extensive use of auxiliary dispersion for pigments and fillers

Use Method

- The recommended addition amount is 1% -3% of the total monomer, and the optimal addition amount should be determined through a series of tests

Packaging & Storage

- 20kg、200kg & 1000 kg/Barrel
- The product has a shelf life of 12 months from the date of manufacture.

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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