Technical Data Sheet

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Enfinol® SF A888

Version: 1

Overview

- Enfinol® SF A880 is an effective dynamic wetting agent that produces unstable foam. It also serves as an emulsifier, dispersant, and solubilizer, exhibiting high electrolytic/mechanical stability. Its chemical structure is sodium dihexyl sulfoacetate..

Product Features

- It has the characteristic of migrating to the interface very quickly
- It has excellent anti-electrolyte performance
- The surface modification can be used to reduce the surface tension and increase the absorbability and permeability

Physical Property

Products Typical Data	
Appearance	A clear, slightly viscous liquid
Solid content (%)	79.0~81.0
Chroma (APHA)	≤50
Acid value（mg KOH/g）	≤1.0
Iodine value（g/100g）	≤0.2
pH（10% aqueous solution ）	5.0~7.0
Surface tension （25℃，1%aqueous solution，mN/m）	4.2
Critical Micelle Concentration（% ）	1.2~1.6

Solvent	acetone	alcohol	carbon tetrachloride	glycerol	kerosene	mineral oil	oleic acid	florence oil	pine oil
Solubility	solvable	solvable	solvable	solvable	solvable	insoluble	solvable	solvable	solvable

Application

- Emulsion Polymerization and Addition of Stabilizer after Polymerization
- Electroplate
- Battery separator
- Printing inks and varnishes
- Pigment dispersion
- Textile and paper
- Wash
- Agrochemicals
- Substrate wetting agent

Use Method

- 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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