

# TECHNICAL DATA SHEET

## (Product) Details

Chemical Name:Sinosurf AEO

CAS No.:68131-39-5

Molecular Formula: C<sub>30</sub>H<sub>62</sub>O<sub>10</sub> Molecular Weight:582.81

Molecular Structure:R-O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>H(R=C<sub>12</sub>~14,n=9)

Appearance: Transparent liquid to  
White paste liquid EO>15= solid

## Specifications: (EO=9)

Items	Standard
Appearance	White paste
Color	≤20
Hydroxyl value, mgKOH/g	95.0±4.0
PH(3% aqueous solution)	6.0-7.0
Cloud point (1% aqueous solution)	81±4
Moisture W/%	0.10
Free ethylene oxide W/%	≤0.003
Polyethylene glycol	≤1.5

**Packing:** 200L /drum. 200KG/DRUM

## Application:

As a nonionic surfactant, it can be used as an emulsifier for lotions, creams and shampoos. Excellent water solubility, can be used to make oil-in-water emulsions. It can also be used as an antistatic agent. As a

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hydrophilic emulsifier, it can enhance the solubility of certain substances in water, and can be used as an emulsifier for making O/W emulsions.

Has good emulsification, decontamination, cleaning and other properties, widely used in the preparation of civilian detergents, used as industrial emulsifier and metal cleaning agent, etc

**Storage:**

Being kept in dry, clean warehouse with well ventilation.

Avoid exposing to light and heating.

Protecting the product from leakage, rain and insolation during transportation.

