

TECHNICAL DATA SHEET

INCI Name: Alpha Olefin Sulphonate (α -Olefin Sulfonate)

CAS NO.: 68439-57-6

Chemical Structure: $\text{RCH(OH)(CH}_2\text{)}_n\text{-SO}_3\text{Na}$ (n= 14~16)

Trade Name: Yeser[®] AOS 35%

Product Specifications:

Test Item	Industrial Grade	Test Method
Appearance (25°C)	Light yellow liquid	By eye
Odor	Slight characteristic odor	By smell
Active matter content, %	34.0~36.0	GB/T 20200-2006
Unulfated compounds content, %	≤1.5	GB/T 20200-2006
Sodium sulfate (Na ₂ SO ₄) content, %	≤0.7	GB/T 20200-2006
Free alkali (NaOH) content, %	≤0.5	GB/T 20200-2006
Color (Hazen, 5% a.m. solution)	≤60	GB/T 20200-2006

Product Features:

- 1) Excellent solubility and compatibility with other surfactants, resulting in great formulating flexibility.
- 2) Significant foaming, emulsifying, cleansing ability, and 100% biodegradability.
- 3) Outstanding high-temperature stability, makes it the perfect surfactant for spray tower dried synthetic detergent.
- 4) Outstanding hard water resistant property.
- 5) Mild, low irritation to the skin.

Dosage:

The recommended dosage is 3.0%~15.0%.

Package:

In 210KG plastic drum or 1000KG IBC tank

Shelf Life:

Tightly-contained, stored in a dry, cool and ventilated place, the shelf life is 24 Months.

