

# TECHNICAL DATA SHEET

**INCI Name:** Alpha Olefin Sulphonate ( $\alpha$ -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<sup>®</sup> AOS 92%

**Product Specifications:**

Test Item	Industrial Grade	Test Method
Appearance (25°C)	Light yellow creamy powder	By eye
Odor	Slight characteristic odor	By smell
Active matter content, %	90.0~94.0	GB/T 20200-2006
Unsulfated compounds content, %	≤5.0	GB/T 20200-2006
Sodium sulfate (Na <sub>2</sub> SO <sub>4</sub> ) content, %	≤6.0	GB/T 20200-2006
Free alkali (NaOH) content, %	≤1.0	GB/T 20200-2006
Whiteness (WG)	≥80	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 2.0%~8.0%.

**Package:**

In 25 KG kraft paper bag

**Shelf Life:**

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

