

Technical Data Sheet

Product: AOS/92

1、Physical and Chemical Properites

- Product Name AOS 92%
- CAS Registry NO. 68439-57-6
- Chemical Name **Sodium Alpha-Olefin Sulfonate**
- Empirical Formula $RCH=CH(CH_2)_n-SO_3Na$ $RCH(OH)(CH_2)_n-SO_3Na$
- Molecular Weight 341

Items	Specifications
Appearance (25℃)	White or light yellow powder
Odor	No Strange Odors
Active Matter (%)	90-94
Unulfated Matter (%)	Max 3.0
Inorganic Salt (%、as Na ₂ SO ₄)	Max 5.0
Free Alkali (%、as NaOH)	Max 1.0
Color (Klett,5%Am.aq.sol)	Max 90
Water %	Max 3.0

2、Application and application method

AOS has excellent wetting property、detergency、foaming ability and stability ,and emulsifying power. It also has excellent calcium soap dispersibility、hard water resistency and biodegradation. It has well compatibility with other surfactants and is mild to skin. Product with AOS is rich in fine foam and has good rinsability. AOS is the main materials of first selection in formulation of washing powder、dish detergent and nonphosphate detergent. It is widely used in hair shampoo、bath cleaners and face cleaning etc; and it is also widely used in industrial.

3、Handling And Storage

- Handling Avoid prolonged or repeated contact with skin. Do not breathe vapour.
- Storage Store in a cool, well-ventilated area. Keep away from heat and flame.
Store in a tightly closed container. Incompatibilities: oxidants and food.

Storage temperature:≤60℃.

Storage duration: 1 years.

4、Packing

25KG/ compound bag or subject to requirement