

HENAN ASLAN CHEMICAL CO., LTD.

Address: #258, Nanyang Rd, Jinshui District, Zhengzhou, 450000, Henan, China

Tel: +86 371 61739577 Fax: +86 371 61739578 Email: info@aslanchemical.com

Web:www.aslanchemical.com



Technical Data Sheet

Product Name: Alpha Olefin Sulfonate (AOS)

CAS Number: 68439 -57-6

INCI Name: Sodium C14-16 Olefin Sulfonate

Molecular Formula: R-CH=CH-(CH₂)_n-SO₃Na, R=C14~16

Description: AOS has an excellent biodegradability and with good wetting, foaming, detergency, emulsifying property. It has little skin irritant. It has good calcium soap dispersion and anti-hard water performances. It dissolves in water and can be rinsed easily. It has good stability, good compatibility with other kinds of surfactants.

Specification:

Items	Index	
	Powder 92%	Liquid 35%
Appearance	White or light yellow powder	Light yellow transparent liquid
Active matter, % Min	92.0	35
Free Oil,% Max	3.0	1.2
Inorganic salts, % Max	Na ₂ SO ₄	5.5
	NaCl	0.1
Moisture, % Max	3.0	-
PH value (1% aqueous solution)	9.0-12.0	9.0-12.0
Free Alkali, % Max (As NaOH)	0.8	0.3
Whiteness (WB), Min	70	-
Color Klett (5% active), Max	100	60

Application:

AOS is mainly used in mild detergent and products for baby, such as hand lotion, washing powder, complex soap, shampoo, bath lotion, facial cleaning cream, phosphorus free detergent. AOS can also be used as industrial detergents.

Packing: (N.W) 25Kgs craft paper bags for powdered product.

(N.W) 200Kgs plastic drum, 1000Kgs IBC for liquid product.

Storage: Store in dry and cool place, keep away from sunshine and rain.