

Sodium Alpha Olefin Sulfate (AOS)

Other Name:

INCI name:

CAS No.: 68439-57-6

EINECS (EC) No.:

Molecular Formula: $RCH=CH(CH_2)_nSO_3Na$ n: 14-16 or 14-18

Characteristics:

- 1, Made by gas-phase sulfonation and continuous neutralization.
- 2, Excellent decontamination, emulsification and calcium soap dispersing performances.
- 3, Good solubilizing performance and wide compatibility, rich and fine foam, biodegradable ability.
- 4, Low toxicity and low irritation to skin, etc.

Application:

Especially in the application of non-phosphorus detergents, it has not only the good washing ability, but also good compatibility with enzyme agents. Powder, liquid detergents and home washing products, textile, printing and dyeing industry, petrochemical products, and industrial hard surface cleaning agents, etc.

Specification

Items	Specification	
	92%	35%
Appearance 25°C	Yellowish powder	Yellowish transparent liquid
Odor	Characteristic odor	Characteristic odor
Active matter, %	92±2	35±1
Petroleum ether soluble substance, %	3.0 max.	1.5 max.
Sodium sulfate, %	5.0 max.	1.5 max.
Free alkali (by NaOH), %	1.0 max.	0.3 max.
Color, Hazen (5% Am. aq. sol)	90 max.	60 max.
Water content, %	3.0 max.	/

Sodium Alpha Olefin Sulfate (AOS) 92%

Appearance, 25°C: Yellowish powder

Odor: Characteristic odor

Active matter, %: 92±2

Petroleum ether soluble substance, %: 3.0 max.

Sodium sulfate, %: 5.0 max.

Free alkali (by NaOH), %: 1.0 max.

Color, Hazen (5% Am. aq. sol): 90 max.

Water content, %: 3.0 max.

Sodium Alpha Olefin Sulfate (AOS) 35%

Appearance, 25°C: Yellowish powder

Odor: Characteristic odor

Active matter, %: 35±1

Petroleum ether soluble substance, %: 0.5 max.

Sodium sulfate, %: 1.5 max.

Free alkali (by NaOH), %: 0.3 max.

Color, Hazen (5% Am.aq.sol): 60 max.

Water content, %: nill

Packing

Item	Packing	Quantity/FCL	N.W./FCL	G.W./FCL
AOS 92%	25Kgs/Bag	440 Bags	11.00MT	11.220MT*
	25Kgs/Bag	400 Bags	10.00MT	10.200MT**
AOS 35%	200Kgs/Plastic Drum	80 Drums	16.00MT	16.800MT
	1000Kgs/IBC	18 IBCs	18.00MT	19.152MT

*: No pallets

** : Have pallets

AOS 92%:

- 1) 25kg/bag, 11mt/fcl (N.W.), 11.22mt/(G.W.) without pallet
- 2) 25kg/bag, 10mt/fcl (N.W.), 10.2mt/(G.W.) with pallet

AOS 35%:

- 1) 200kg/plastic drum, 16mt/fcl (N.W.), 16.8mt/fcl (G.W.)
- 2) 1000kg/IBC, 18mt/fcl (N.W.), 19.152mt/fcl (G.W.)

Storage: Stored in dry, cool and ventilated place, kept away from sunshine and rain.

