

Sodium Alpha Olefin Sulfonate (AOS)

Anionic surfactant concentrate for detergent and qualified personal-care formulations.

CAS 68439-57-6	EC 270-407-8	Transport Non-dangerous goods; aqueous AOS reference
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Product Information

Sodium alpha olefin sulfonate is an anionic surfactant supplied here as a liquid grade with active matter of at least 34.5%. The technical sheet also limits free oil, inorganic sulfate, free alkali and color measured at 5% active matter. AOS is a variable-composition substance; a single small-molecule formula and molecular weight do not describe this supply grade.

Specifications

Parameter	Specification
Appearance	Light-yellow transparent liquid
Active matter	≥34.5 %
Free oil	≤1.5 %
Inorganic sulfate	≤1.5 %
Free alkali	≤0.3 %
Color, 5% active solution	≤60 Klett
Odor	No abnormal odor

Typical Properties

Property	Typical Value
Surfactant type	Anionic
Color limit	≤60 Klett at 5% active

Applications

Liquid detergents: Evaluate AOS in liquid detergent systems at the selected active-matter loading.

Personal-care formulation: Assess compatible cleansing formulations using the permitted ingredient grade and required safety assessment.

Industrial cleaning: Evaluate this concentrate in industrial washing formulations with suitable dilution and controlled transfer.

Packaging / Storage

Item	Information
Packaging	200 kg net plastic drums.
Storage	Store closed in a cool, dry, ventilated place away from incompatible chemicals. Protect against contamination and extreme temperatures; prevent spills from reaching drains.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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