

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Alpha Olefin Sulfonate (AOS) Powder	Supplier:	ASES CHEMICAL WORKS.
Synonym Name:	Sulfonic acids, C14-C16-alkane hydroxy	Address:	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
INCI Name:	Sodium C14-16 Olefin Sulfonate	Phone:	+91-9636889954
CAS Number:	68439-57-6	Web:	www.ases.in
Product Form:	Liquid	Email :	ecom@ases.in
Product Use:	Surfactant for domestic, commercial and industrial use		

2 HAZARDS IDENTIFICATION

GHS Label elements, including precautionary statements

Label In Accordance With (EC) No. 1272/2008

Health Hazards

Health Rating :	Slight
Flammability Rating :	Slight
Reactivity Rating :	Slight
Contact Rating :	Slight
Storage :	General

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC Numbers	Weight Range
Water	7732-18-5	231-791-2	58%
Sodium (C14-16) Olefin sulfonate	68439-57-6	270-407-8	40%
Sodium sulfate	7757-82-6	231-820-9	2%

4 FIRST AID MEASURES

Inhalation:	If symptoms are experienced, remove source of contamination or move victim to fresh air. If the affected person is not breathing ,apply artificial respiration. If breathing is difficult, give oxygen.
Eye Contact:	Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.
Skin Contact:	For skin contact flush with large amount of water. If irritation persists, get medical attention Immediately take off all contaminated clothing. Wash contaminated clothing before reuse.
Ingestion:	If the material is swallowed, get immediate medical attention.

5 FIRE-FIGHTING MEASURES

Flash Point :	(> 93.9° C) >201° F
Means of Extinction :	Use Water spray, Carbon Dioxide, Dry Chemical, or Alcohol Foam. Use Water to keep fire exposed container cool.
Flammability :	Non-flammable in solution.
Personnel :	Fire-fighters should wear full protective clothing, including self-contained breathing equipment.
Hazardous combustion :	None

6 ACCIDENTAL RELEASE MEASURES

Engineering Controls :	Ventilation of work space.
Leak-And-Spill Procedures :	Ventilate area, sweep up, use protective clothing, store in closed container

MATERIAL SAFETY DATA SHEET

ALPHA OLEFIN SULFONATE (AOS) LIQUID

7 HANDLING & STORAGE

Handling: Use full protective gear. Protect containers against physical damage /direct sunlight / water.
Storage: Use leak-proof Drums.Store in dry locations,at ambient temperature away from direct sunlight.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Air respirator
Feet protection: Safety Shoes.
Body protection: Lab Coat.
Skin and Body Protection: Rubber Gloves. Lab Coat.
Hygiene measures: Remove contaminated clothing and wash hands between breaks and at the end of duty hours.

9 PHYSICAL AND CHEMICAL PROPERTIES

Form	Aqueous Solution	Specific gravity (20°c)	1.069 gm /cc
Odour	Characteristic odor	Evaporation Rate	Estimated slower than Ethyl Ether
Colour	Clear Pale Yellow Liquid	Vapour Density (Air = 1)	Estimated lighter than Air
Boiling point	> 100° C at 760 mm	Pour Point :	25°F
Flash point	(> 93.9° C) >201° F	Moisture & Volatiles %	58
		Solubility	Soluble in water

10 STABILITY AND REACTIVITY

Chemical Stability : Product is stable under the prescribed storage conditions.
Incompatibility with other Substances : Slight reaction with oxidising substances
Reactivity and under what Conditions : None
Hazardous Decomposition : None

11 TOXICOLOGICAL INFORMATION

Toxicity :	Nontoxic	Skin Contact :	Slight
Inhalation Acute :	None	Skin Absorption :	None
Inhalation Chronic :	None	Ingestion :	mouse LD 50 > 5.989 gm/kg

Eye Contact: Slight

Effect of Acute and Chronic Exposure to Material : The extensive use of Sodium Alpha Olefin Sulphonate in industry has not been accompanied by any reports of injury.

Irritancy of material : Slight

Carcinogenicity, Reproductive Effects, Teratogenicity, Mutagenicity : None reported

12 ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: The product should not get into water without treatment. Dissolved in water, the material is easily biodegradable (90 %) and will not cause any disturbance in waste water treatment plants.

13 DISPOSAL CONSIDERATIONS

This material is not hazardous material can be washed off with water Jet.

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14 TRANSPORT INFORMATION

Transport	Transport	Hazard class	Packing group	UN number
Land	RID/ADR	Not Regulated	Not Regulated	Not Regulated
Maritime	IMDG			
Air	IATA/DGR			

15 REGULATORY INFORMATION

According to the data available, the product is not regulated product. However, one should observe prescribed Federal, State and Local measures while dealing with chemicals.

Listed on EINECS (EU), TSCA (USA), DSL (Canada), AICS (Australia) and MITI (Japan), Korea & Philippines.

EINECS No: 270-407-8 JSCI /JCIC :41- 500279 Not listed as a Carcinogen by NTP, IARC or OSHA.

16 OTHER INFORMATION

Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.