

Alpha Olefin Sulfonate

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation


Revision Date: 08-30-2018
Supersedes: 08-12-2015

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Alpha Olefin Sulfonate	Distributor:	MakingCosmetics.com Inc.
Synonyms:	Not available	Address:	10800 231 st Way NE Redmond, WA 9853 (USA)
INCI Name:	Sodium C14-16 Alpha Olefin Sulfonate	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	68439-57-6	Web:	www.makingcosmetics.com
Formula:	RCH=CH(CH ₂) _n SO ₃ Na n: 14-16 or 14-18	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification: Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 2, Eye Dam. 1, Acute Tox. 4
GHS Signal Word: **WARNING**

GHS Hazard Pictograms: 

GHS Hazard Statements:
H315: Causes skin irritation
H318: Causes serious eye damage
H319: Causes serious eye irritation
H411: Toxic to aquatic life with long-lasting effects

GHS Precautionary Statements:
P281: Use personal protective equipment as required
P273: Avoid release to the environment.

Potential Health Hazards:
Eyes: Irritant.
Inhalation: May be irritant, but no data available.
Skin: May be irritant.
Ingestion: May be irritant, but no data available.

NFPA Ratings (704):

Health	0	Minimal
Flammability	0	Minimal
Reactivity	0	Minimal
Specific Hazard	n/a	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Sulfonic Acids, C14-16-Alkane Hydroxy and C14-16 Alkene, Sodium Salts	68439-57-6	36-42%	Not available
Sodium Chloride	7647-14-5	0-1%	Not available
Sodium Sulfate (Solution)	7757-82-6	0-1%	Not available
Water	7732-18-5	56-64%	Not available

4 FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water and seek medical attention if necessary.
Inhalation: Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin: Flush with plenty of water and wash using soap. Remove all contaminated clothes and shoes.
Ingestion: Drink plenty of water. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (water spray, foam, carbon dioxide, dry chemical) for adjacent fire.
Special protective equipment & Wear self-contained, approved breathing apparatus and full protective clothing, including eye

precautions for firefighters: protection and boots.
Flash Points: CLOSED CUP: >No data available
Specific hazards arising from the chemical: May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Not available
Methods and material for containment and cleaning up: Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities: Store in cool, dry well ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Sodium C14-16 Alpha Olefin Sulfonate	Not available		

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Chemical safety glasses or goggles, if splashes likely to occur wear face shield.
Inhalation: Not needed under normal conditions of use.
Body: Slip proof shoes may be worn where spills may occur
Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling
Engineering Measures: Ensure adequate ventilation, especially in confined areas

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Liquid	Vapor Pressure:	25 mm HG @ 25 °C
Odor:	Slight	Volatile Weight %:	56-64
Taste:	No data available	Evaporation Rate:	Not available
Color:	Amber to yellow	Flammability:	May be combustible
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH (1% sol. in water)	7-9	Solubility:	Soluble in all proportions of water
Boiling Point:	>100 °C (212 °F)		
Melting Point:	No data available		
Flash Point:	No data available		
Specific Gravity:	1.05 (Water = 1)		

10 STABILITY AND REACTIVITY

Reactivity: Product is stable
Chemical Stability: Product is stable
Hazardous Polymerization: No data available
Conditions to Avoid: Avoid strong oxidizers
Incompatible Materials: Strong oxidizing agents

Hazardous Decomposition Products: No known

11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	LD50 (Rat): Sulfonic Acids, C14-16-Alkane hydroxy and C14-16 Alkene, Sodium Salts: 2310 mg/kg, Sodium Sulfate: 10000 mg/kg
Skin:	LD50 (Rabbit): Sulfonic Acids, C14-16-Alkane hydroxy and C14-16 Alkene, Sodium Salts: 6300 mg/kg
Eyes:	Irritant
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	No data available
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity:	EC50 (Water Flea): Sodium Chloride: 1000 mg/L 48 H, Sodium Sulfate (solution): 2564 mg/L 48 H/4547 mg/L 96 H
Persistence and Degradability:	Readily biodegradable. Complies with the biodegradability criteria as laid down in regulation (EC) No. 648/2004
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated
TDG (Transportation of Dangerous Goods, Canada):	Not regulated
IMDG (International Maritime Dangerous Goods):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
SARA 313:	Sections 313 of TITLE III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and TITLE 40 of the Code of Federal Regulations, Part 372.
SARA 311/312 Hazardous Categorization:	Acute Health Hazard: Yes Chronic Health Hazard: No Fire Hazard: No Sudden Release of Pressure Hazard: No Reactive Hazard: No

Clean Air Act, Section 112 This product does not contain any HAPs.
Hazardous Air Pollutants
(HAPs) (see 40 CFR 61):

16 OTHER INFORMATION

Revision Date: 08-30-2018

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.