

## Sodium Lauryl Sulfate


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

Revision Date: 15-Nov-2024  
Supersedes: 12-Oct-2016

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Sodium Lauryl Sulfate	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Water, Sodium Lauryl Sulfate	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	7732-18-5, 68585-47-7	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available		
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

<b>Classification:</b>	Skin Irritation: Category 2 Eye Irritation: Category 2A												
<b>Labeling:</b>	The product is classified and labeled according to the Globally Harmonized System (GHS)												
<b>Signal Word:</b>	<b>WARNING!</b>												
<b>Hazard Pictograms:</b>													
<b>Hazard Statements:</b>	H315: Causes skin irritation. H319: Causes serious eye irritation.												
<b>Precautionary Statements:</b>	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use. P264: Wash thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. (Response) P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P332+313: If skin irritation occurs: Get medical advice/attention. P337+313: If eye irritation persists: Get medical advice/attention. P302+352: IF ON SKIN: Wash with plenty of water. P362+364: Take off contaminated clothing and wash it before reuse.												
<b>Potential Health Hazards:</b>	Eyes: Causes serious eye irritation. Inhalation: May be an irritant. Skin: Causes skin irritation. Ingestion: May cause nausea, vomiting, and diarrhea.												
<b>NFPA Ratings (704):</b>	<table border="0"> <tr> <td>Health</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Flammability</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	1	Slight	Flammability	0	Minimal	Reactivity	0	Minimal	Specific Hazard	N/A	
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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Water	7732-18-5	68 - 70%	Not Available
Sodium Lauryl Sulfate	68585-47-7	29 - 30%	Not Available
C12-16 Alcohols	68855-56-1	< 0.6%	Not Available
Sodium Sulfate	7757-82-6	< 0.6%	Not Available

Sodium Bicarbonate	114-55-8	< 0.4%	Not Available
Sodium Chloride	7646-14-5	< 0.1%	Not Available
Sodium Citrate	68-04-2	< 0.1%	Not Available
Trisodium Phosphate	7601-54-9	< 0.1%	Not Available
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	< 0.0017%	Not Available
2-Methyl-4-isothiazolin-3-one	26172-55-4	< 0.0005%	Not Available

## 4 FIRST AID MEASURES

<b>Eyes:</b>	Rinse opened eye for several minutes under running water.
<b>Inhalation:</b>	Overexposure, remove to fresh air and seek medical attention. In case of unconsciousness place patient stably in side position for transportation.
<b>Skin:</b>	Immediately wash with water and soap and rinse thoroughly.
<b>Ingestion:</b>	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Rinse out mouth with water. Drink 1-2 glasses of water. Do not give liquid to a drowsy, convulsing or unconscious person. If vomiting occurs, spontaneously, keep head below hips to prevent aspiration. Seek medical treatment.

## 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperatures. Use appropriate media (CO <sub>2</sub> , extinguishing powder, water spray) for surrounding environment and adjacent fire. Fight larger fires with water spray or alcohol resistant foam. No unsuitable extinguish media listed.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
<b>Flash Points:</b>	Not applicable.
<b>Specific hazards arising from the chemical:</b>	None listed. See also Stability and reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Keep unprotected persons away. Ensure adequate ventilation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
<b>Methods and material for containment and cleaning up:</b>	Wash area thoroughly with water. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste in accordance with the regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling. Keep receptacles tightly sealed. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Protect product from freezing. Keep above freezing. If freezing occurs, product may be gently heated or allowed to warm to 70-80°F (21-26.6°C). Containers must be vented during the warming process and agitation is recommended when product is liquefied to insure uniformity. Thawed material retains full performance and use properties. Store above 40°F (4.4°C). Store away from 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 Lauryl Sulfate	Not available		

TWA: Time Weighted Average over 8 hours of work.

STEL: Short Term Exposure Limit during x minutes.

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

IDLH: Immediately Dangerous to Life or Health  
WEEL: Workplace Environmental Exposure Levels  
CEIL: Ceiling

## Personal Protection:

- Eyes:** Wear tightly sealed goggles or safety glasses with side shields.
- Inhalation:** The glove material has to be impermeable and resistant to the product/the substance/the preparation (e.g. Nitrile rubber, NBR). The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies by manufacture. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and therefore must be checked prior to the application.
- Body:** The glove material has to be impermeable and resistant to the product/the substance/the preparation (e.g. Nitrile rubber, NBR). The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and it varies by manufacture. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and therefore must be checked prior to the application. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Wear full protective clothing.
- Other:** Use good personal hygiene practices. The usual precautionary measures for handling chemicals should be followed. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid	<b>Vapor Pressure at 20 °C/68 °F:</b>	23 hPa (17 mm Hg)
<b>Odor:</b>	Characteristic	<b>Vapor Density:</b>	Not determined
<b>Odor Threshold:</b>	Not determined	<b>Evaporation Rate:</b>	Not determined
<b>Color:</b>	Clear	<b>Flammability:</b>	Not applicable
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH at 20°C/68°F:</b>	8	<b>Flash Point:</b>	Not applicable
<b>Boiling Point:</b>	100 °C (212 °F)	<b>Specific Gravity at 20 °C/68 °F:</b>	1.03 g/cm <sup>3</sup> (8.595 lbs./gal)
<b>Melting Point:</b>	Undetermined	<b>Water Solubility:</b>	Not miscible or difficult to mix
<b>Relative Density:</b>	Not determined	<b>Auto-Ignition Temperature:</b>	Product is not self-igniting
<b>Partition Coefficient: n-octanol/water:</b>	Not determined	<b>Decomposition Temperature:</b>	Not determined
<b>Dynamic/Kinematic Viscosity:</b>	Not determined	<b>Explosive Properties:</b>	Product does not present an explosion hazard
<b>Oxidizing Properties:</b>	No data available	<b>Organic Solvents:</b>	0.0%
<b>Solids Content:</b>	30.5%	<b>Water:</b>	69.5%

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	No decomposition if used according to specifications.
<b>Hazardous Polymerization:</b>	No data available.
<b>Conditions to Avoid:</b>	No further relevant information available.
<b>Incompatible Materials:</b>	Reacts with strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Carbon monoxide and carbon dioxide, Sulfur Oxides (SO <sub>x</sub> ), Hydrocarbons.
<b>Possible Hazardous Reactions:</b>	No dangerous reactions known.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
<b>Skin:</b>	Skin irritant.
<b>Eyes:</b>	Irritating effect.
<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Carcinogenicity:</b>	None of the ingredients are listed under IARC, NTP, OSHA-Ca.
<b>Teratogenicity:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	No data available.

<b>Specific Target Organ Toxicity:</b>	No data available.
<b>Reproductive Toxicity:</b>	No data available.
<b>Sensitization:</b>	No sensitizing effects known.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	At present there are no ecotoxicological assessments.
<b>Aquatic Vertebrate:</b>	No data available.
<b>Aquatic Invertebrate:</b>	No data available.
<b>Terrestrial:</b>	No data available.
<b>Persistence and Degradability:</b>	No data available.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.
<b>PBT and vPvB Assessment:</b>	Not applicable.
<b>Other Adverse Effects:</b>	No further relevant information available.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated adhering to official regulations. 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.
<b>Product Containers:</b>	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

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	No data available.
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated.
<b>IATA (International Air Transport Association):</b>	Not regulated.
<b>ICAO (International Civil Aviation Organization):</b>	No data available.
<b>ADR (Land Transportation):</b>	Not regulated.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.
<b>SARA Section 355:</b>	None of the ingredients are listed under extremely hazardous substances.
<b>SARA Section 313:</b>	None of the ingredients is listed under specific Toxic Chemical Listings.
<b>California Prop. 65:</b>	None of the ingredients is listed.
<b>Canada (DSL):</b>	All components of this product are on the DSL (Canada Domestic Substance List) or are exempt from DSL requirements.
<b>EPA:</b>	None of the ingredients is listed under Environment Protection Agency.
<b>TLV:</b>	None of the ingredients are listed under Threshold Limit Values established by ACGIH.
<b>MAK:</b>	None of the ingredients is listed under German Maximum Workplace Concentration.
<b>NIOSH-Ca:</b>	None of the ingredients is listed under National Institute for Occupational Safety and Health.
<b>OSHA-Ca:</b>	None of the ingredients is listed under Occupational Safety & Health Administration.
<b>National Regulations:</b>	Water hazard Class 1 (self-assessment): Slightly hazardous for water.
<b>Chemical Safety Assessment:</b>	A Chemical Safety Assessment has not been carried out.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	15-Nov-2024
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication

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**Disclaimer:**

Standard 29 CFR 1910.1200

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.