

Sodium Lauryl Sulfate


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

Revision Date: 08-31-2015
Supersedes: 11-14-2012

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Sodium Lauryl Sulfate	Distributor:	MakingCosmetics.com Inc.
Synonyms:	Monododecyl ester sodium salt sulfuric acid; sodium dodecyl sulfate; sodium dodecyl sulphate; sodium lauryl sulfate sodium lauryl sulfate; sodium salt sulfuric acid, monododecyl ester; sulfuric acid monododecyl ester sodium salt; sulfuric acid, monododecyl ester, sodium salt	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Sodium Lauryl Sulfate	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	151-21-3	Web:	www.makingcosmetics.com
Formula:	NaC ₁₂ H ₂₅ SO ₄	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Eye Irrit. 2												
GHS Signal Word:	WARNING												
GHS Hazard Pictograms:													
GHS Hazard Statements:	H302: Harmful if swallowed H315: Causes skin irritation H319: Causes serious eye irritation												
GHS Precautionary Statements:	P305: If in eyes rinse cautiously with water for several minutes. Remove contact lenses.												
Potential Health Hazards:	Eyes: Causes serious eye irritation. Inhalation: Not expected to be irritant. Skin: Causes skin irritation. Ingestion: Harmful if swallowed.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0000FF; color: white;">Health</td> <td>1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">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	1	Slight	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	1	Slight											
Flammability	1	Slight											
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>
Sodium Lauryl Sulfate	151-21-3	28-32%	288.37 g/mol

4 FIRST AID MEASURES

Eyes:	Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Inhalation:	Move to fresh air. Call a physician if symptoms develop or persist.
Skin:	Wash off skin with soap and water. Get medical attention if irritation develops or persists.
Ingestion:	Seek medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Water fog, dry powder or carbon dioxide.
Special protective equipment & precautions for firefighters:	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Flash Points:	>200° F (COC)
Specific hazards arising from the chemical:	None currently known

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Data not available
Methods and material for containment and cleaning up:	Ventilate area of leak or spill. Spills: Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust.

7 HANDLING & STORAGE

Precautions for safe handling:	Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Conditions for safe storage, incl. any incompatibilities:	Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Sodium Lauryl Sulfate	Not determined		

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:	Safety glasses, goggles, or face shield recommended for eye protection.
Inhalation:	Wear NIOSH approved respiratory protection. Self-contained breathing apparatus in high concentrations, dust mask under normal conditions.
Body:	Synthetic apron and butyl or neoprene rubber gloves recommended to prevent prolonged skin contact.
Other:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Yellowish clear liquid	Vapor Pressure:	Not available
Odor:	Faint fatty odor	Vapor Density:	Not available
Taste:	Not available	Evaporation Rate:	Not available
Color:	White	Flammability:	Not available
Molecular Weight:	288.37 g/mol	Upper/lower Explosive Limit:	Not available
pH (1% sol. in water)	Not available	Solubility:	Soluble in water
Boiling Point:	Not available	Flash Point:	>200° F (COC)
Melting Point:	Not available	Specific Gravity:	0.23

10 STABILITY AND REACTIVITY

Reactivity:	Product is stable
Chemical Stability:	Stable under normal conditions of storage and handling.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Heat, flames, ignition sources and incompatibles.
Incompatible Materials:	Strong oxidizers, acids
Hazardous Decomposition Products:	Oxides of carbon, sulfur and sodium oxide may form when heated to decomposition.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Acute oral toxicity (LD50) 1288 mg/kg (rat)
Skin:	Mild irritant
Eyes:	Mild irritant
Respiratory:	Mild irritant
Ingestion:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not 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:	Listed
DSCL (EEC):	This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada):	Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date:	08-31-2015
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.