

# SAFETY DATA SHEET

## SODIUM LAURYLSARCOSINE

### SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

**BioShop Canada Inc.**  
5480 Mainway  
Burlington, Ontario L7L 6A4  
1-800-234-1179  
Emergency Telephone No.: 905-466-3832  
Chemical Name: Sodium laurylsarcosine  
Catalog Number: SLS002, SLS004

### SECTION 2 HAZARDS IDENTIFICATION

#### GHS Classification

Skin irritant: (Category 2)  
Serious eye damage: (Category 1)  
Acute toxicity: (Category 2)

#### PICTOGRAM:



**SIGNAL WORD:** Danger

#### HAZARD STATEMENTS:

H315- Causes skin irritation  
H318- Causes serious eye irritation  
H330- Fatal if inhaled

#### PRECAUTIONARY STATEMENTS:

P260- Do not breathe dust/fume/gas/mist/vapors/spray  
P280-wear protective gloves/protective clothing/eye protection/face protection.  
P284- Wear respiratory protection.  
P305+P351+P338- if in eyes: rinse cautiously with water for several minutes. remove contact lenses if present and easy to do. Continue rinsing.  
P310-Call a POISON CENTER or doctor/physician .

### SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	EC-No.	%
Sodium lauroyl sarcosine	137-16-6	205-281-5	95-100

**Molecular Formula:** C<sub>12</sub>H<sub>28</sub>NNaO<sub>3</sub>  
**Molecular Weight:** 293.38

### SECTION 4 FIRST AID MEASURES

**Eyes:** Flush eyes with plenty of water . Get medical aid immediately.  
**Skin:** In case of contact, flush area immediately with water. Get medical aid if irritation persists.  
**Inhalation:** Remove victim to fresh air. If breathing becomes difficult, give oxygen. Get medical aid immediately..  
**Ingestion:** Wash mouth with water. Do NOT induce vomiting. Consult a physician.

### SECTION 5 FIRE FIGHTING MEASURES

**Flammability:** Not flammable  
**Flash Point:** 267C  
**Autoignition Temperature:** not determined  
**Extinguishing Media:** Use water spray, foam, dry chemical or carbon dioxide.  
**Explosion Data:** Not available

### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions:**  
Ventilate the area. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing.  
**Methods for containment and clean up:**  
If safe to do so, contain further leakage. Sweep and place in a closed container. Avoid sources of ignition and electrostatic charge. Dispose according to local regulations.

### SECTION 7 HANDLING AND STORAGE

**Handling:** Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid dust generation.  
**Storage Conditions:** Room temperature. Keep cool and dry.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure limits:**  
ACGIH, NIOSH, OSHA, none listed  
Use adequate ventilation. Avoid dust generation..  
**Personal protective Equipment:** Wear appropriate safety glasses and protective gloves/clothing. Use approved NIOSH respirator.  
**Engineering Measures:** eye wash stations, ventilation systems, showers  
**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice. wash hands before and after handling product.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** fine white powder  
**Odor:** no information found  
**Odor Threshold:** : no information found  
**Melting Point:** 146.1C  
**Boiling Point:** no information found  
**Specific Gravity:** no information found  
**Vapor Density:** no information found  
**Vapor pressure:** no information found  
**Water Solubility:** soluble  
**pH:** 7-9 @ 1M

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## SODIUM LAURYLSARCOSINE

**Flammability:** not flammable  
**Flash point:** no information found  
**Ignition temperature:** no information found  
**Autoignition temperature:** no information found  
**Lower explosion limit:** no information found  
**Upper explosion limit:** no information found

Packing Group: II  
Shipping name: TOXIC SOLID, ORGANIC, N.O.S.  
(Sodium N-laurylsarcosine)

### SECTION 15 REGULATORY INFORMATION

**Canada:**  
WHMIS:  
D1B, Toxic Material causing Immediate and Serious Toxic Effects  
Toxic . serious eye damage  
D2B, Toxic material Causing Other Toxic Effects  
Moderate skin irritant

### SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz  
Date Prepared: Dec 29/2021  
Phone: (800) 234-1179

The information provided on this Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product. Observe all federal, provincial and state laws concerning health, safety and pollution.

### SECTION 10 STABILITY AND REACTIVITY:

**Stability:** Stable at normal room temperature and pressure  
**Conditions to avoid:** dust generation  
**Incompatibility:** strong oxidizing agents.  
**Hazardous Decomposition Products:** carbon oxides and sulfur oxides.  
**Hazardous Polymerization:** Has not been reported

### SECTION 11 TOXICOLOGICAL PROPERTIES

#### Exposure Limits:

Oral, rat LD50=5000 mg/kg  
Inhalation, rat LD50= 0.5-0.5 mg/L-4hr

**Epidemiology:** No data available  
**Teratogenicity:** No data available  
**Reproductive Effects:** No data available  
**Neurotoxicity:** No data available  
**Mutagenicity:** No data available  
**Carcinogenicity:** not listed by ACGIH, IARC, NTP, or CA

### SECTION 12 ECOLOGICAL INFORMATION

**Ecotoxicity:**  
Toxicity in Fish: Zebra fish (danio rerio) EC50: 107mg/l-96h  
Algae: green algae EC50:79mg/L- 72 hr

### SECTION 13 DISPOSAL CONSIDERATION

**Waste Disposal:** Observe all Federal, provincial and local regulations.

### SECTION 14 TRANSPORT INFORMATION

#### Shipping Information:

**DOT (US):**  
UN number: 2811  
CLASS: (6.1)  
Packing Group: II  
Shipping name: TOXIC SOLID, ORGANIC, N.O.S.  
(Sodium N-laurylsarcosine)

**IMDG**  
UN number: 2811  
CLASS: (6.1)  
Packing Group: II  
Shipping name: TOXIC SOLID, ORGANIC, N.O.S.  
(Sodium N-laurylsarcosine)

**IATA:**  
UN number: 2811  
CLASS: (6.1)