

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: C₁₂H₂₈NNaO₃
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 LAURYLSARCOSE

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: Jan 1/2025
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)