

# SAFETY DATA SHEET

## BIOFOAM

### Section 1. Chemical Product and Company Information

Product Name : Biofoam  
 Other means of identification : Not applicable  
 Recommended Use : Water based foam agent  
 Restrictions on Use : Reserved for industrial and professional use.

Supplier Information : BioSan, LLC  
 26 Freedom Way  
 Saratoga Springs, NY 12866  
 (518) 886-9827

Date of issue : 10/20/22  
 EMERGENCY HEALTH INFORMATION : 1 (800) 424-9300  
 Outside United States and Canada CALL: +1 (703) 741-5500

### Section 2. Hazards Identification

#### GHS Classification

Eye Irritation : Category 2  
 Skin Irritation : Category 2

#### GHS Label Element

Hazard pictograms :



#### Signal Word

#### Hazard Statements

#### Precautionary Statements

: Warning  
 : Causes serious eye irritation and skin irritation.  
 : Keep container tightly closed.  
 Do not eat, drink, or smoke when using this product.  
 Wear protective gloves/protective clothing/eye protection/face protection.

### Section 3. Composition / Information on Ingredients

Pure substance/mixture : Mixture

#### Chemical Name

Sodium Lauryl Sulfate  
 Anionic surfactant  
 Water

#### CAS-No.

85586-07-8  
 Proprietary  
 7732-18-5

#### Concentration (%)

8-10  
 5-6  
 69-71

### Section 4. First Aid Measures



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Inhaled	: Get medical advice/attention if you feel unwell or are concerned.
In case of skin contact	: Take off contaminated clothing, shoes, and leather goods (e.g., watchbands, belts). Wash with plenty of lukewarm, gently flowing water with a flushing duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard.
In case of eye contact	: Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. If eye irritation persists: Get medical advice/attention.
Ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.
Most Important Symptoms and Effects, both Acute and Delayed:	: Contact with eye can cause irritation. Contact with skin can cause irritation.
Indication of any Immediate Medical Attention and Special Treatment Needed	: Treat symptomatically.

### Section 5. Fire-Fighting Measures

Suitable extinguishing media	: Use water spray, powder, foam, carbon dioxide.
Specific hazards during fire fighting	: Noncombustible. May give off irritating or toxic fumes (or gases) in a fire.
Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012):	: Nonflammable.
Hazardous Combustion Products:	: Non-combustible.
Special protective equipment and precautions for firefighters	: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

### Section 6. Accidental Release Measures

<b>Personal precautions, protective equipment, and emergency procedures</b>	: Wear appropriate personal protective equipment as specified in Section 8. Keep unnecessary and unprotected personnel from entering.
<b>Methods and materials for containment and cleaning up</b>	: Slippery when spilled. Contain - prevent run off into drains and waterways. Use absorbent soil, sand, or other inert material). Neutralize with lime or soda ash. Collect and seal in properly



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labeled containers or drums for disposal. Wash area down with excess water. Contain and recover liquid when possible. Do not let product enter drains. Residues from spills can be absorbed with dry earth, sand or other non-combustible material and disposed of in appropriate container.

### Section 7. Handling and Storage

- Precautions on safe handling** : Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving, or using this product. Do not contaminate water, food, or feed by storage or disposal.
- Conditions for safe storage** : Keep product in tightly closed container when not in use. Do not drop, roll, or skid drum. Store in a cool, dry, well-ventilated area away from heat or open flame.
- Incompatible Materials** : None known,

### Section 8. Exposure Controls / Personal Protection

- Ventilation and engineering measures** : No additional ventilation needed
- Respiratory protection** : No additional respiratory protection needed.
- Skin protection** : Wear chemical resistant gloves and chemical resistant garments when handling, wash garments before re-use.
- Eye/Face protection** : Wear safety glasses, goggles and/or face shield to prevent eye contact.
- Other protective equipment** : Eye wash facility and emergency shower should be in close proximity.
- General hygiene conditions** : Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.

### Section 9. Physical and Chemical Properties

- Appearance** : Colorless clear liquid
- Odor** : Mild
- pH** : 2.0, 100%
- Flash point** : Not applicable, does not sustain combustion
- Odor Threshold** : No data available



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Melting point/freezing point	: No data available
Initial boiling point and boiling range	: >100°C
Evaporation Rate	: No data available
Flammability (solid, gas)	: Non-flammable
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Specific gravity	: 1.019
Water solubility	: Soluble

### Section 10. Stability and Reactivity

Reactivity	: Non-reactive
Chemical stability	: Stable under normal conditions
Incompatible materials	: None known
Possibility of Hazardous Reactions	: None known
Conditions to Avoid	: None Known
Hazardous decomposition products	: None known

### Section 11. Toxicological Information

Information on likely routes of exposure	: Eye contact, Skin contact & ingestion
Signs and symptoms of short term (acute) exposure:	
Ingestion	: May cause irritation of the digestion system.
Inhalation	: Health injuries are not known or expected under normal use.
Skin	: May cause irritation at contact site.
Eye	: Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even blindness



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### Potential Chronic Health Effects

Mutagenicity: : Not expected to be a mutagen  
Carcinogenicity : Not expected to be a carcinogen.  
Reproductive effects : Not expected to have reproductive effects  
Sensitization to material : May cause sensitization with prolonged exposure.  
Specific target organ effects : No information available.  
Toxicological data :  
The calculated ATE values for this mixture are:  
ATE oral = >10000 mg/kg (rat)  
ATE dermal = >10000 mg/kg (rabbit)  
ATE inhalation = No information available

### Section 12. Ecological Information

**Eco toxicity** : Not expected to be environmental toxin  
**Persistence and degradability** : Expected to be readily biodegradable  
**Bio accumulative potential** : No data available  
**Mobility in soil** : No data available

### Section 13. Disposal Considerations

**Disposal methods** : Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

### Section 14. Transport Information

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

US 49 CFR/DOT/IATA/IMDG : Non-Hazardous Material  
Information



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## Section 15. Regulatory Information

**CERCLA Reportable Quantity** : This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**  
This material does not contain any components with a recordable quantity.

**SARA 311/312 Hazards** : No information available.

The ingredients of this product are reported in the following inventories:  
**United States TSCA Inventory** : No information available

## Section 16. Other Information

Issuing date : 10/20/22  
Version : 1.0  
Prepared by : RJD

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.