

SAFETY DATA SHEET

BioFoamer Foaming Agent

SECTION 1: Identification

1.1 GHS Product identifier

Product name BioFoamer Foaming Agent

1.2 Recommended use

Foaming cleaner

1.3 Supplier's details

Name BioSafe Systems
Address 22 Meadow Street
East Hartford CT 06108 USA
Telephone 1.888.273.3088

1.4 Emergency phone number

CHEMTREC: 1-800-424-9300

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2024)

- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2B

2.2 GHS label elements, including precautionary statements

Pictograms



Signal word

Danger

Hazard statement(s)

H315 Causes skin irritation
H320 Causes eye irritation

Precautionary statement(s)

P101 If medical advice is needed, have label at hand.
P102 Keep out of reach of children
P103 Read label before use.
P260 Do not breathe fume/gas/mist/vapors/spray.
P262 Do not get in eyes, on skin or on clothing
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting. Call a poison center or doctor if you feel unwell.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.

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P305+P351+P338

P321

P363

P501

P332+P313

P362+P364

P337+P313

P270

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment see first aid section on this label.
Wash contaminated clothing before reuse.
Dispose of contents according to local, state and federal regulations.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
If eye irritation persists: Get medical advice/attention.
Do not eat, drink or smoke when using this product.

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Component	Concentration
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts (CAS no.: 68081-81-2)	1 - 5 % (weight)
Sodium hydroxide (CAS no.: 1310-73-2)	1 % (weight)
Water (CAS no.: 7732-18-5)	70 - 80 % (weight)
Proprietary Surfactant Blend	10 - 20 % (weight)

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice

Consult a physician if you feel unwell. Show this safety data sheet to the doctor in attendance.

If inhaled

Move person to fresh air. Call a poison center or doctor if you feel unwell.

In case of skin contact

Wash with plenty of water for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Take off contaminated clothing and wash it before reuse.

In case of eye contact

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.

If swallowed

Call a poison center or doctor if you feel unwell. Rinse mouth. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation: None known.

Symptoms/effects after skin contact: Irritation.

Symptoms/effects after eye contact: Mild eye irritation.

Symptoms/effects after ingestion: Burns.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water or water spray.

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5.2 Specific hazards arising from the chemical

No data available.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus and protective clothing for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection if necessary. Avoid breathing mist or spray. Ensure adequate ventilation. For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains and avoid releases to the environment.

6.3 Methods and materials for containment and cleaning up

Take up liquid spill into inert absorbent material and dispose according to local, state and/or federal regulations. Solution will make the surrounding areas slippery.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not get product in eyes or on skin or clothing. Do not breathe fume/vapor/mist/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. See Section 8 for information on Personal Protective Equipment.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, dry place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from strong oxidizers. See Section 10 for information on Incompatible Materials. Keep out of the reach of children. This product should be used within 36 months of the date of manufacture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

CAS: 1310-73-2 Sodium hydroxide

Cal/OSHA (US): (C) 2 mg/m³ PEL inhalation [Sodium hydroxide]; NIOSH (US): (C) 2 mg/m³ REL inhalation [Sodium hydroxide]; US/OSHA (US): 2 mg/m³ PEL inhalation [Sodium hydroxide]

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Safety glasses.

Skin protection

Wear protective gloves.

Body protection

Wear protective clothing.

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Respiratory protection

In case of inadequate ventilation, wear respiratory protection.

SECTION 9: Physical and chemical properties

Physical state	Liquid
Color	Clear to pale yellow
Odor	No data available.
Melting point/freezing point	No data available.
Boiling point or initial boiling point and boiling range	>212°F (>100°C)
Flammability	Non-flammable.
Lower and upper explosion limit/flammability limit	No data available.
Flash point	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
pH	9
Kinematic viscosity	No data available.
Solubility	Complete
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	No data available.
Evaporation rate	No data available.
Density and/or relative density	8.51 lbs/gal
Relative vapor density	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

No decomposition if stored and applied as directed.

10.5 Incompatible materials

Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts: Strong oxidizing agents.

Sodium hydroxide: Caustic soda reacts with all the mineral acids to form the corresponding salts. It also reacts with weak-acid gases, such as hydrogen sulfide, sulfur dioxide, and carbon dioxide. Caustic soda reacts with amphoteric metals (Al, Zn, Sn). All organic acids also react with sodium hydroxide to form soluble salts. Another common reaction of caustic soda is dehydrochlorination.

10.6 Hazardous decomposition products

Sodium hydroxide: Sodium oxides

SECTION 11: Toxicological information

Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact.

Dodecylbenzene sodium sulfonate

LD50 Oral - Rat - 1090 mg/kg

Skin corrosion/irritation

May cause skin irritation.

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Serious eye damage/irritation

May cause eye irritation.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Specific target organ toxicity (STOT) - single exposure

No data available.

Specific target organ toxicity (STOT) - repeated exposure

No data available.

Aspiration hazard

No data available.

SECTION 12: Ecological information

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

SECTION 13: Disposal considerations

Product disposal

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Packaging disposal

Dispose of as unused product. Do not reuse containers.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Acute Health Hazard for: Sodium hydroxide.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US EPA TSCA public inventory

Chemical name: Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts

CAS number: 68081-81-2

Chemical name: Sodium hydroxide

CAS number: 1310-73-2

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall BioSafe Systems be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if BioSafe Systems has been advised of the possibility of such damages.