

SAFETY DATA SHEET

Section 1: Identification

Product Identifier: Mariner Surfactant Bio-Tabs

Trade Name: Mariner Surfactant Bio-Tabs

Details of the supplier of the safety data sheet:

Manufacturer/Supplier:

Ocean Organics Corporation

141 1 Pie Rd.

Waldoboro

Maine, 04572

Phone: 800-312-0106

Emergency telephone number: Chemtrec, 1-800-424-9300

Section 2: Hazard(s) Identification

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Hazard Classification: This product is classified according to the Globally Harmonized System (GHS).

Signal Word(s): N/A

Hazard Statements: N/A

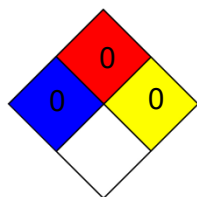
Pictograms: No pictograms required.

Precautionary Statements:

Prevention: Keep out of reach of children. Observe good industrial hygiene practices.

Description of other hazards: N/A

NFPA ratings (scale 0-4):



Health: = 0
Fire = 0
Reactivity = 0

HMIS Ratings (0-4):

Health	0
Fire	0
Reactivity	0

Section 3: Composition/ Information on Ingredients

Chemical characterization: Mixtures

Description: The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

Section 4: First-Aid Measures

General Advice: No applicable data available.

After inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth. Have the product container or label with you when calling poison control center, doctor, or giving treatment.

After skin or clothing contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

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After eye contact: Flush eyes with water for at least 15 minutes. Seek medical attention if eye irritation develops or persists. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye(s).

After swallowing: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting; immediately call for medical help. A person vomiting while lying on their back should be turned on their side.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit.

Section 6: Accidental Release Measures

Personal precautions: Use appropriate personal protective equipment during clean up.

Measures for environmental protection: Do not flush into surface water or sanitary sewer system.

Measures for cleaning/collecting: Contain spillage, soak up with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer a container for disposal according to local/national regulations (see section 13).

Section 7: Handling and Storage

Handling: No special precautions are required for handling this material.

Information about protections against explosions and fires: No special measures required.

Storage: Store away from oxidizing agents. Store away from foodstuffs. Do not contaminate water, food or feed by storage disposal. Store only in original container. Keep container tightly closed. Keep in a safe and locked storage place. Do not allow water to be introduced into the contents of this container. Protect from frost and avoid extremes of storage temperature.

Further information about storage conditions: None.

Section 8: Exposure Controls/Personal Protection

Engineering controls: Ensure adequate ventilation especially in confined areas.

Personal protective equipment:

Respiratory protection: A respiratory protection program that meets country requirements must be followed whenever workplace conditions warrant respiratory use. Consult the OSHA respiratory information located 29.CFR 1910.134.

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Eye protection: Wear safety glasses with side shields.

Skin and body protection: Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants, and jacket.

Exposure Guidelines: This product does not contain any exposure limits that require disclosure according to OSHA Hazard Communication Standard 2012.

Section 9: Physical and Chemical Properties

Appearance: Gray Tablets

Form: Tablets

Color: Green

Odor: Mild

Odor threshold: Not available.

pH: 8

Specific Gravity: Not applicable.

Melting point/melting range: Not available.

Boiling point/boiling range: Not available.

Flash point: >114.0° F (>237.2 C°) Pensky-Martens Closed Cup

Evaporation rate: <1 (H₂O = 1)

Flammability (solid, gas): Not applicable.

Flammability: Not determined.

Upper/lower flammability or explosive limits: Not determined.

Auto ignition temperature: This product is not self-igniting

Danger of explosion: Product does not present an explosion hazard.

Vapor pressure: Not determined.

Vapor density: Not determined.

Relative density: Not determined.

Solubility in/Miscibility with water: Soluble.

Section 10: Stability and Reactivity

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

Chemical stability: Material is stable under normal conditions.

Conditions to avoid: Avoid temperatures exceeding the flash point. Contact with incompatible materials.

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Incompatible materials: Strong acids. Oxidizing agents. Aluminum. Amines. Caustics.
Hazardous decomposition products: Carbon oxides. Organic compounds which may be toxic.

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: Not determined.

Potential routes of exposure/potential health effects

Skin: No irritant effect.

Eye: Direct contact with eyes may cause temporary irritation.

Inhalation: No adverse effects due to inhalation are expected.

Ingestion: Expected to be a low ingestion hazard.

Carcinogenic effects: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Sensitization: No sensitization effects known.

Target organs: Not determined.

Section 12: Ecological Information

Additional ecological information: No data is available on the product itself.

Section 13: Disposal Considerations

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Waste treatment methods:

Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Treatment, storage, transportation, and disposal must be in accordance with applicable federal state/provincial, and local regulations.

Uncleaned packaging:

Recommendation: Disposal must be made according to all official regulations.

Container Disposal: Triple rinse (or equivalent), empty rinsate into spray tank, then offer for recycling or reconditioning, puncture or dispose of in accordance with federal, state and local laws. Product Disposal Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

Recommended cleansing agent: Water if necessary with cleansing agents.

Section 14: Transport Information

DOT regulations: Not regulated as dangerous goods for transportation.

- **Hazard class:** N/A
- **Land transport ADR/RID (cross-border):** Not regulated.
- **ADR/RID class:** Not regulated.
- **Maritime transport IMDG:** Not regulated.

Air transport ICAO-TI and IATA-DGR: Not regulated.

- **ICAO/IATA Class:** Not regulated.

Section 15: Regulatory Information

Safety, health, and environmental regulations/legislation specific for the substance or mixture:

• Sara.

SARA Section 355 (extremely hazardous substances): None of the ingredients are listed.

SARA Section 313 (specific toxic chemical listings): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): All of the ingredients are listed.

• Proposition 65:

Chemicals known to cause cancer: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

Chemicals known to cause developmental toxicity: None of the ingredients are listed.

• Carcinogenic categories:

EPA (Environmental Protection Agency) None of the ingredients are listed.

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Section 16: Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviation and acronyms:

DOT: US Department of Transportation

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Services (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

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