



Date of issue: 02-APR-2023
Revision Date: 02-APR-2023

Trade name: DEFOAM FG-10

SECTION 1: Identification

1.1. Product identifier (used on the label):

Product Name: Defoam FG-10

Other means of identification:

Company Key: 1000000279101

Unique Formula Identifier (UFI): V200-U0CW-500W-QH2S

Product Code Number: None

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Recommended use: Defoam FG-10 is used to reduce foaming in tanks containing fish, especially during transport.

Recommended restrictions: Uses other than those described above.

1.3. Details of the supplier of the safety data sheet:

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:

Company Name: Syndel USA

Company Address: 1441 West Smith Rd.
Ferndale, WA 98248

Company Telephone: Office hours (Mon – Fri)
8:30 am to 5:00 pm
1-800-283-5292

Company Contact Name: Main Office

1.4. Emergency phone number: VELOCITY EHS 24 HOUR EMERGENCY NUMBER:

North America: 1-800-255-3924

EU/International: +1-813-248-0585

Please reference contract number MIS9518319

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture.

Physical hazards

No physical hazards for this product.

Health hazards

No health hazards for this product.

Environmental hazards

No environmental hazards for this product.

Endocrine disruptors

No known endocrine disruptors

GHS Signal word: Not applicable.

GHS Hazard statement(s): Not applicable.

2.2. Label elements:

GHS Hazard symbol(s): None.

GHS Precautionary statement(s):

Prevention:

- P102 Keep out of reach of children.
- P261 Avoid breathing dust/fume/gas/mist/vapor/spray.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.

Response:

- P330 Rinse mouth.
- P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P352 Wash with plenty of soap and water.
- P363 Wash contaminated clothing before reuse.

Storage:

P402 + P404 Store in a dry place. Store in a closed container.

Disposal:

P501 Dispose of contents/container to a qualified waste disposal company in accordance with local/regional/national/international regulations.

2.3. Other hazards (Hazard(s) Not Otherwise Classified): None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures:

Chemical name	CAS#	Concentration (weight %)
Proprietary blend including 10% silicone compound.	N/A	100%

Note: The balance of the ingredients are not classified as hazardous or are below the concentration limit to be classified as hazardous, under the criteria of the USA OSHA Hazard Communication Standard 29CFR 1910.1200.

3.3. Additional Information:

See full text of H-phrases in section 16.

SECTION 4: First-aid measures

4.1. Description of first aid measures:

Necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation: No first aid should be needed.

Skin contact: Flush skin with water and wash with mild soap and water. Seek medical attention if irritation develops or rash occurs. Remove contaminated clothing and wash before reuse.

Eye contact: Immediately flush eyes with a direct stream of water for at least 15 minutes, ensure complete irrigation of all eye and lid tissue. Seek prompt medical attention if irritation develops.

4.2. Most important symptoms and effects, both acute and delayed:

May cause minor irritation.

4.3. Indication of immediate medical attention and special treatment needed:

If any symptoms are observed, contact a physician and give them this SDS sheet; treat according to person's condition and specifics of exposure.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media:

Suitable extinguishing media: Use water spray, carbon dioxide, dry chemical powder, or appropriate foam.

Unsuitable extinguishing media: None known.

5.2. Specific hazards arising from the substance or mixture:

Drums heated by fire can rupture.

5.3. Advice for firefighters:

Special protective equipment and precautions for fire-fighters:

Wear self-contained breathing apparatus and protective clothing. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Exercise appropriate precautions to minimize direct contact. Use personal protective equipment as described in Section 8. No special equipment should be needed. Exercise caution as spilled material may present a slipping hazard. See Sections 2 and 7 for additional information on hazards and precautionary measures.

6.2. Environmental Precautions:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. If spill occurs on

water notify appropriate authorities and advise shipping of any hazard.

6.3. Methods and material for containment and cleaning up:

Dike and reclaim as much spilled material as possible. Cover spill residue with absorbent material and shovel into closable containers. Contain spill and keep from entering waterways or sewers.

6.4. Reference to other sections:

See Sections 8 and 13 for further instructions.

SECTION 7: Handling and storage

7.1. Precautions for safe handling:

Keep container tightly closed when moving or storing. Do not dilute product with water and store in diluted form. Exercise good personal and industrial hygiene when handling. Avoid unsanitary conditions.

7.2. Conditions for safe storage, including any incompatibles:

Store product below 110°F or 43°C; store in a cool, dry, well-ventilated area away from direct sources of heat, moisture, or sunlight. Do not store near strong oxidizing materials. Preferentially store below 77°F/25°C. To prolong shelf-life, this product may be refrigerated. For best quality, protect product from freezing.

7.3. Specific end use(s):

This product should only be used for applications described in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control Parameters:

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Exposure Limits			
Substance	OSHA PEL	ACGIH TLV	NIOSH REL
Proprietary blend	No components are at reportable levels with workspace exposure limits.		

8.2. Exposure Controls:

Appropriate engineering controls:

Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Always wear eye protection. Goggles or safety glasses with side

shields are recommended.

Skin and hand protection: Wash and dry hands properly. Any chemical resistant gloves are suitable.

Respiratory protection: Respiratory protection is not required.

General hygiene considerations: Avoid eye contact. Wear safety shoes. Wear rubber boots to clean up a spill. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Wash hands after use.

SECTION 9: Physical and chemical properties

9.1. Information on basic chemical and physical properties:

Appearance (physical state, color, etc.):

Physical state: Liquid

Color: Milky white

Odor/Odor threshold: Undetectable to mild

pH: 3.5-4.0

Melting point/freezing point (standard pressure): ~32°F

Initial boiling point (standard pressure): ~212°F

Flash point: >212°F

Evaporation rate: Not determined

Flammability (solid, gas): Not applicable

Upper/lower flammability or explosive limits

Flammability limit – lower (%): Not

determined **Flammability limit – upper (%):** Not

determined **Explosive limit – lower (%):** Not

determined **Explosive limit – upper (%):** Not
determined

Vapor pressure: Not determined

Vapor density: Not determined

Relative density (@25°C): 1.01

Bulk Density @ 25°C 8.35lb/gal

Solubility (ies) [standard temp]: Dispersible

Partition coefficient (n-octanol/water): Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity (dynamic): Not determined

Other information:

Molecular weight: Not determined

9.2. Other information

None known.

SECTION 10: Stability and reactivity

10.1. Reactivity: Not chemically reactive.

10.2. Chemical stability: Stable under normal ambient and anticipated conditions of use.

10.3. Possibility of hazardous reactions: Hazardous reactions not anticipated.

10.4. Conditions to avoid: Extreme temperatures.

10.5. Incompatible materials: Strong oxidizing agents.

10.6. Hazardous decomposition Products: Under high heat and/or fire conditions, the following compounds may be formed: carbon oxides (including carbon monoxide), silicon oxides, and formaldehyde.

SECTION 11: Toxicological information

Information on likely routes of exposure:

Inhalation: Not expected to be a route of exposure

Ingestion: Not expected to be a route of exposure

Skin: Expected to be a route of exposure

Eyes: Expected to be a route of exposure

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:

Oral: LD50: >5000 mg/kg ATE (calculated).

Dermal: LD50: Not determined

Inhalation: LD50: Not determined

Skin corrosion/irritation: Based on available data, classification criteria are not met.

Serious eye damage/irritation: Based on available data, classification criteria are not met.

Respiratory sensitization: Based on available data, classification criteria are not met.

Skin sensitization: Based on available data, classification criteria are not met.

Specific Target Organ Toxicity (single exposure): Based on available data, classification criteria are not met.

Aspiration hazard: Based on available data, classification criteria are not met.

Inhalation: LD50: Not determined

Chronic effects:

Germ cell mutagenicity: Based on available data, classification criteria are not met.

Carcinogenicity: No components present at 0.1% or greater are classified as carcinogens.
Reproductive toxicity: Based on available data, classification criteria are not met.

Specific Target Organ Toxicity (repeated exposure): Based on available data, classification criteria are not met.

11.2. Information on other hazards:

Likely routes of exposure/symptoms:

Eye: Direct contact may cause temporary irritation.
Skin: Some individuals may experience minor irritation and discomfort to skin. Repeated or prolonged exposure may cause minor irritation.
Inhalation: Not expected to be an inhalation hazard.
Oral: Effects of ingesting small quantities are expected to be minimal. Never taste or swallow product intentionally.

11.2.1. Endocrine disrupting properties:

None known.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity (aquatic and terrestrial, where available):

Substance	Test Type	Species	Value
Defoam FG-10	LC ₅₀	Fish – <i>Pimephales promelas</i>	6420 mg/L (48h)
	LC ₅₀	Aquatic Invertebrates – <i>Ceriodaphnia dubia</i>	3350 mg/L (48h)

12.2. Persistence and Degradability:

Complete data is not yet available.

12.3. Bioaccumulative Potential:

Complete data is not yet available.

12.4. Mobility in Soil:

Complete data is not yet available.

12.5. Results of PBT and vPvB assessment:

Not completed.

12.6 Endocrine disrupting properties:

Complete data is not yet available.

12.7. Other adverse effects (such as hazardous to the ozone layer):

Complete data is not yet available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods:

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

Dispose of in accordance with all federal, state/provincial, and local regulations. Please contact Syndel at sales@syndel.com if additional information is required.

Contaminated packaging

Since emptied containers retain product residue, follow label/SDS warnings even after container is emptied.

SECTION 14: Transport Information

This product is not classified as dangerous to transport.

14.1. UN number or ID number: N/A

14.2. UN proper shipping name: N/A

14.3. Transport hazard class(es): N/A

14.4. Packing group: N/A

US Department of Transportation Classification (49CFR)

Not regulated under DOT.

IMDG (Transport by sea)

Not regulated under IMDG.

IATA (Country variations may apply)

Not regulated under IATA.

14.5. Environmental hazards

Marine pollutant: No

14.6. Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.

None known.

14.7. Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

No further relevant information available.

SECTION 15: Regulatory Information

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

DSL: All components of this product are listed.

EINICS/AICS: All components of this product are listed.

CANADIAN WHMIS: Not a WHMIS controlled material.

USA:

United States Federal Regulations: This SDS complies with the OSHA, 29 CFR 1910.1200. All components of this product are listed.

Toxic Substances Control Act (TSCA) – All substances in this product are listed, as required, or are exempt from the TSCA inventory.

CERCLA Hazardous Substance List, 40 CFR 302.4: This product does not contain chemicals listed on CERCLA.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
None listed.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): None listed.

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:
Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None listed.

Section 313 Toxic Release Inventory (40 CFR 372): None.

EPA SARA TITLE III Chemical Listings: Sections 302 and 304: None.

STATE REGULATIONS:

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986): None listed

Massachusetts Right to Know: . No components are listed on the Massachusetts Right to Know List.

New Jersey Right to Know: No components are listed on the New Jersey Right to Know List.

Pennsylvania Right to Know: No components are listed on the Pennsylvania Right to Know List.

15.2. Chemical safety assessment:
Not completed.

SECTION 16: Other Information

Revision Date: April 02, 2023

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