
DEFOAM 100 FG

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: DEFOAM 100 FG
Common Name: MIXTURE
SDS Number: 0378
Product Code: DE0007
Revision Date: 3/11/2019
Version: 2
Product Use: Antifoam for Food Processing & Waste Water Treatment
Supplier Details: U.S. Water Services
12270 43rd St. NE
St. Michael, MN 55376
Contact: Non-emergency #: 866-663-7632
Email: SDS@uswaterservices.com
Web: www.uswaterservices.com

EMERGENCY RESPONSE: (ChemTel)
US & Canada: 800-255-3924
International: +01-813-248-0585

2 HAZARDS IDENTIFICATION**Classification of the Substance or Mixture**

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
No GHS Classifications Indicated

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: NONE

GHS Hazard Pictograms:

No GHS pictograms indicated for this product

GHS Hazard Statements:

No GHS hazards statements indicated

GHS Precautionary Statements:

No GHS precautionary statements indicated

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

PPE recommendation is advisory only and based on typical use conditions. An industrial hygienist or safety officer familiar with the specific situation of anticipated use must determine actual PPE required when using this product (29 CFR 1910.132)

GHS Label Elements

GHS Pictogram: None

GHS Signal Word: None

DEFOAM 100 FG**3****COMPOSITION/INFORMATION OF INGREDIENTS**

This product does not contain any components that are considered hazardous under OSHA regulations (29 CFR 1200)

4**FIRST AID MEASURES**

Inhalation: If breathing is difficult, move to fresh air. Seek medical attention if irritation occurs.

Skin Contact: Wash thoroughly with soap and water

Eye Contact: Immediately wash eyes with plenty of water for at least 15 minutes. If possible, remove contact lenses, if used. Seek immediate medical attention.

Ingestion: Urgent medical treatment is not required

Most important symptoms & effects (acute & delayed): In the presence of burns, treat as thermal burns after decontamination. No specific antidote. The treatment in the event of exposure should be aimed at controlling the symptoms and the clinical condition of the patient.

Indication of need for immediate medical attention: No data available

Special treatment needs: No data available

5**FIRE FIGHTING MEASURES**

Flash Point: >212°F / >100°C

Flash Point Method: Pensky-Martens Closed Cup

Burning Rate: Not applicable

Autoignition Temp: Not applicable

LEL: Not applicable

UEL: Not applicable

Extinguishing Media:

Suitable: water spray, dry chemical, foam, carbon dioxide. Use extinguishing media suitable for surrounding fire.

Unsuitable: No information available

Hazardous combustion products: Hazardous decomposition products formed under fire conditions- Carbon oxides, and other hazardous compounds.

Unusual Fire or Explosion Hazards: None known

Special protective equipment/precautions: Wear self-contained breathing apparatus

6**ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective equipment, emergency procedures: Avoid contact with the material. See section 8 of SDS for PPE recommendations

Environmental Precautions: Keep runoff from entering drains or waterways

Spill/Leak procedures: Contain spill or leak. Dike area if necessary to prevent spill from spreading or entering sewers and waterways. Recover as much as possible then absorb remainder with inert material. Place into closed container for disposal.

Regulatory Requirements: Dispose of recovered material in accordance with all applicable state and federal regulations.

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7 HANDLING AND STORAGE

- Handling Precautions:** Wash hands or other exposed areas with mild soap and water before eating, drinking, smoking and when leaving the work place. Ensure good ventilation in the work area to prevent the formation of vapors. Do not use before you have read and understood all warnings.
- Storage Requirements:** Store in the original container in a cool, well ventilated area. Keep container closed when not in use. Incompatible with strong acids, oxidizing agents and strong bases. Protect from heat.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** Provide local exhaust ventilation as needed to control misting.
- Personal Protective Equipment:** HMIS PP, B | Safety Glasses, Gloves
- Respiratory protection: If needed use MSHA/NIOSH approved respirator. Seek professional advice prior to respirator selection and use. Follow all requirements of OSHA respirator regulations (29 CFR 1910.134)
- Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.
- General Hygiene: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, using the toilet, or applying cosmetics.
- PPE recommendation is advisory only and based on typical use conditions. An industrial hygienist or safety officer familiar with the specific situation of anticipated use must determine actual PPE required when using this product (29 CFR 1910.132)
- Exposure Limits:**
 OSHA (TWA)/PEL): Not Established
 ACGIH (TWA/TLV): Not Established

9 PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|-------------------------------|------------------------|------------------------------|----------------|
| Appearance: | Opaque, white | Odor: | Bland |
| Physical State: | Liquid | Solubility: | Dispersible |
| Odor Threshold: | Not determined | Freezing/Melting Pt.: | Not determined |
| Spec Grav./Density: | 1 / 8.34 lb/gal | Flash Point: | None |
| Viscosity: | 900cps | Vapor Density: | Not determined |
| Boiling Point: | 100°C / 212°F | Auto-ignition Temp: | Not determined |
| Partition Coefficient: | Not determined | UFL/LFL: | Not determined |
| Vapor Pressure: | Not determined | | |
| pH: | 4.2 | | |
| Evap. Rate: | <1 (butyl acetate = 1) | | |
| Decomp Temp: | Not determined | | |

DEFOAM 100 FG**10****STABILITY AND REACTIVITY**

| | |
|----------------------------------|--|
| Reactivity: | No dangerous reaction known under conditions of normal use. |
| Chemical Stability: | Product is stable under normal storage and use conditions. |
| Conditions to Avoid: | Avoid heat and incompatible materials |
| Materials to Avoid: | strong acids, oxidizing materials, strong bases |
| Hazardous Decomposition: | Decomposition products can include and are not limited to: oxides of carbon, oxides of silicon |
| Hazardous Polymerization: | Will not occur. |

11**TOXICOLOGICAL INFORMATION**

Acute Toxicity: No data available
Skin Corrosion/Irritation: Based on the available data, the classification criteria are not met
Serious eye damage/irritation: May cause slight, temporary eye irritation
Respiratory or skin sensitization: Based on the available data, the classification criteria are not met
Germ cell mutagenicity: Based on the available data, the classification criteria are not met
Carcinogenicity: Based on the available data, the classification criteria are not met
Reproductive Toxicity: No data available
Specific target organ toxicity (single exposure): Based on the available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure): Based on the available data, the classification criteria are not met
Aspiration hazard: No data available

12**ECOLOGICAL INFORMATION**

Aquatic Toxicity
Water Flea (*Daphnia pulex*) 48Hr/LC50 : 12,500 mg/L
Fathead Minnow (*Pimephales promelas*) 96Hr/LC50 : 6,300mg/L
Elimination (persistence & degradability): No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
Other adverse effects: No data available

13**DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations.

This material should be fully characterized for toxicity and possible reactivity prior to disposal (40 CFR 261). Use which results in chemical or physical change or contamination may subject it to regulation as a hazardous waste. Along with properly characterizing all waste materials, consult state and local regulations regarding the proper disposal of this material.

Container contents should be completely used and containers should be emptied prior to discard. Container rinsate could be considered a RCRA hazardous waste and must be disposed of with care and in full compliance with federal, state and local regulations. Larger empty containers, such as drums, should be returned to the distributor or to a drum reconditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

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14 **TRANSPORT INFORMATION**

Proper Shipping Name: Non-regulated

DOT Transportation data (49 CFR 172.101)

15 **REGULATORY INFORMATION**

TSCA: All components of this product are listed (or are not required to be listed) in the TSCA inventory

EPA / CERCLA / SARA TITLE III:

CERCLA List: This product does not contain any CERCLA listed hazardous substances.

Toxic Chemical List (SARA 313): This product does not contain any chemicals subject to routine annual toxic chemical release reporting.

Extremely Hazardous Substance (SARA 302/304): This product does not contain any extremely hazardous substances subject to emergency planning requirements.

SARA 312: No data available

RCRA: No data available

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

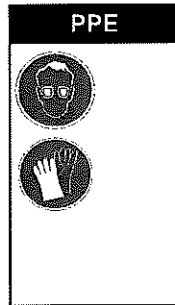
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OTHER INFORMATION

HMIS III: Health = 0, Fire = 0, Physical Hazard = 0

HMIS PPE: B - Safety Glasses, Gloves

| HMIS | | |
|---------------------|---|---|
| HEALTH | ■ | 0 |
| FLAMMABILITY | | 0 |
| PHYSICAL HAZARD | | 0 |
| PERSONAL PROTECTION | | B |


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Revision Notes: Updated to GHS format

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