

# SAFETY DATA SHEET

According to Federal Regulation 29 CFR 1910.1200

## SECTION 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product name: TRAMFLOC® 1147

Type of product: Food Grade Defoamer

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

Identified uses: Foam control agent

Uses advised against: none

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

Company: Tramfloc, Inc.  
6046 FM 2920 Rd. #615  
Spring, TX 77379-2542

Telephone: 888-929-8973

Telefax: 480-383-6895

E-mail address: water@tramfloc.com

### 1.4 Emergency telephone number:

24-hour emergency number: 800-424-9300 CHEMTREC (CCN 20412), Outside US 703-527-3887

## SECTION 2. Hazard(s) identification

### 2.1 GHS classification

Acute toxicity: Oral - Category 5  
Acute toxicity: Inhalation - Category 5  
Acute toxicity: Dermal - Category 5

### 2.2 GHS label elements

Hazard pictograms/symbols

None Required

Signal Word: WARNING

### 2.3 Hazard statements

H303: May be harmful if swallowed in large amounts.

H313: May be harmful in contact with skin

H333: May be harmful if inhaled in large amounts.

### 2.4 Precautionary statements - prevention

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/clothing/eye/face protection

### 2.4 Precautionary statements - response

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P309+P313: IF exposed or you feel unwell: Get medical advice/attention.

### SECTION 3. Composition/hazardous ingredients

Component	CAS #	Wt. %
Polydimethyl siloxane	63148-62-9	< 30 %
Silicon dioxide, chemically prepared	112926-00-8	< 5 %

This product is considered non-hazardous under OSHA regulation 29 CFR 1910.1200. The remaining components are trade secret. Contains no other components or impurities which will influence the classification of the product. Components listed due to workplace control parameters.

### SECTION 4. First aid measures

Eye contact:

If symptoms develop, flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

Skin contact:

First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

Ingestion:

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation:

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Note to physicians:

None.

### SECTION 5. Fire-fighting measures

#### 5.1 Suitable extinguishing media

Use an extinguishing media appropriate for surrounding fire.

Specific hazards:

May form: aldehydes, carbon dioxide and carbon monoxide.

#### 5.2 Special protective equipment for firefighters

Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of the SDS.

### SECTION 6. Accidental release measures

Small Spill:

Absorb liquid on vermiculite, floor absorbent or other absorbent material.

### Large Spill:

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

## SECTION 7. Handling and storage

### 7.1 Handling

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using the toilet facilities. Promptly remove soiled clothing and wash before reuse. Shower after work using plenty of soap and water.

### 7.2 Storage

Store in a well ventilated place. Keep container tightly closed when not in use. Store away from excessive heat or cold and open flame. Protect from freezing.

## SECTION 8. Exposure controls/personal protection

### 8.1 Engineering measures

Not required under normal conditions of use. However, if unusual operating conditions exist, then provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below PEL/TLV (s).

### 8.2 Personal protective equipment

Eye protection: Wear safety glasses in compliance with OSHA regulations.

Skin protection: Wear resistant gloves such as: natural rubber

Respiratory protection: Not required under normal conditions of use.

### 8.3 Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH REL
Silicon dioxide	-	PEL: 5mg/m <sup>3</sup> (Respirable fraction) PEL: 15 mg/m <sup>3</sup> (Total dust) TWA : 0.8 mg/m <sup>3</sup> (Z3)	TVWA: 6.0 mg/m <sup>3</sup>

## SECTION 9. Physical and Chemical Properties

Appearance: Viscous emulsion  
Color: Off-white to tan liquid  
Odor: Mild organic  
Boiling Point: > 210<sup>0</sup> F @ 760 mm Hg  
Vapor Pressure: < 1.0 mm Hg @ 68<sup>0</sup>F  
Specific Vapor Density: < 1.000 @ Air = 1  
Liquid Density: 8.4 lbs/gal @ 77<sup>0</sup> F  
% Volatiles: < 1%  
% VOC: 0%  
Evaporation Rate: Slower than ethyl ether  
Physical Form: Homogeneous solution

pH: 7  
 Viscosity: 2000 -2500 cps  
 Freezing Point: 32<sup>o</sup> F  
 Solubility in Water: Dispersible  
 Flashpoint: > 250<sup>o</sup> F

**SECTION 10. Stability and Reactivity**

Chemical Stability: Stable under normal conditions.  
 Condition to avoid: Excessive heat and open flame.  
 Hazardous Polymerization: Product will not undergo hazardous polymerization.  
 Hazardous Decomposition: May form aldehydes, carbon dioxide, and carbon monoxide.  
 Materials to avoid: Avoid contact with strong oxidizing agents.

**SECTION 11. Toxicological Information**

**Acute Toxicity**

Product/ingredient	Results	Species	Dose	Exposure
Silicon dioxide	LD50 Oral	Rat	> 10000 mg/kg	-
	LD50 Inhalation	Rat	0.139 mg/l (4 h)	-
	LD50 Dermal	Rabbit	> 5000 mg/kg	-

**Irritation/Corrosion**

Product/ingredient	Results	Species	Score	Exposure	Observation
Polydimethyl siloxane	Skin-Mild skin irritation	Rabbit	-	24-hr	-
	Eyes-Mild eye irritation	Rabbit	-	24-hr	-
Silicon dioxide	Skin-not irritating	Rabbit	-	-	-
	Eyes- not irritating	Rabbit	-	-	-

Carcinogenicity

Not available.

Sensitization

Not available.

Aspiration hazard

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Mutagenicity

Not available.

Reproductive toxicity

Not available.

Potential chronic health effects

Not available.

**SECTION 12. Ecological Information**

Aquatic ecotoxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>)

Other adverse effects

No known significant effects or critical hazards.

**SECTION 13. Disposal Consideration**

Waste from residues / unused products: Dispose in accordance with all applicable local, state, and federal regulations

Contaminated packaging: Dispose in accordance with all applicable local, state, and federal regulations

**SECTION 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Additional information
<b>DOT Classification</b>	-	Not Regulated	-	-	-
<b>TDG Classification</b>	-	Not Regulated	-	-	-
<b>IMDG Class</b>	-	Not Regulated	-	-	-
<b>IATA-DGR Class</b>	-	Not Regulated	-	-	-

PG\*: Packing group

Labels required: None

**SECTION 15. Regulatory Information**

Environmental Protection Agency

SARA Title III, Section 313 (Toxic Chemicals) None

SARA 304 Reportable Quantity (RQ) None

SARA 302 Threshold Planning Quantity (TPQ) None

SARA Title III, Section 311/312(Hazard Categories)

Acute No

Chronic No

Ignitable No

Reactive No

Sudden Release of Pressure No

CERCLA: The Comprehensive Environmental Response, Compensation, and Liability Act of 1980:

Reportable Quantity (RQ)	None
Other Federal Regulations	
Clean Air Act, Sections	Not available
Clean Water Act, Sections	Not available
International Regulations	
Inventory Status	Not determined
State and Local Regulations	
California Proposition 65	None

**SECTION 16. Other Information**

HMIS Rating: Health: 1, Flammability: 1, Reactivity: 0, PPE: X

Note: The PPE rating depends on circumstances of use. See Section 8 for recommended PPE. The Hazardous Material Information System(HMIS) is a voluntary, subjective alpha-numeric symbolic system for recommending hazard risk and personal protection equipment information. It is a subjective rating system based on the evaluator's understanding of the chemical associated risks. The end-user must determine if the code is appropriate for their use.

NSF: Not available  
 FDA/USDA/GRAS: Approved to use level not to exceed 33 ppm in food, 21 CFR 173.340 compliant.  
 Kosher: This product has been evaluated for Kosher approval.  
 FIFRA: Not available  
 Other: Not available

Abbreviation	Definition
<	Less Than
>	Greater Than
ACGIH	American Conference of Governmental Industrial Hygienists
EHS	Environmental Health and Safety Dept.
N/A	Not Applicable
N/D	Not Determined
N/E	Not Established
OSHA	Occupational Health And Safety Dept.
PEL	Personal Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weight Average
UNK	Unknown

The information contained herein is to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, Tramfloc, Inc. makes no guarantee for results obtained, and assumes no responsibility for damages incurred by use of this product. It is the responsibility of the user to comply with all federal, state, and local laws and regulations.