

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® 1146

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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.2 GHS label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.3 Hazard statements

No information available.

SECTION 3. Composition/hazardous ingredients

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

SECTION 4. First aid measures

Eye contact:

Rinse thoroughly with plenty of water for at least 15 minutes, lifting power and upper eyelids. Consult a physician.

Skin contact:

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Ingestion:

Clean moth with water and drink afterwards plenty of water.

Inhalation:

Move victim to fresh air.

Note to physicians:

Treat symptomatically.

SECTION 5. Fire-fighting measures

5.1 Suitable extinguishing media

Use an extinguishing measures that are appropriate to local circumstance with the surrounding environment.

Specific hazards:

Thermal decomposition can lead to release of irritating gases and vapors.

5.2 Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent and full protective gear.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protection equipment. Avoid contact with skin, eyes, clothing.

Protective precautions Use personal protection equipment.

6.2 Environmental precautions

Environmental precautions Avoid release to the environment

6.2 Methods and material for containment and cleaning up

Contain spillage and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). Take up mechanically, placing in appropriate containers for disposal.

SECTION 7. Handling and storage

7.1 Handling

Use personal protection equipment. Avoid contact with skin, eyes or clothing. Handle in accordance with good industrial hygiene and safety practice. Handle in accordance with good industrial hygiene and safety practice. Slippery, can cause falls if walked on.

7.2 Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

SECTION 8. Exposure controls/personal protection

8.1 Engineering measures

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

8.2 Personal protective equipment

Engineering controls: Ensure adequate ventilation, especially in confined areas.

Eye protection: Tight sealing safety goggles.

Skin protection: Wear resistant clothing and gloves.
Respiratory protection: In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

SECTION 9. Physical and Chemical Properties

Appearance: Liquid
Color: Opaque, white
Odor: Mild
Boiling Point: No information available
Vapor Pressure: No information available
Specific Vapor Density: No information available
Specific Gravity: 0.99
% Volatiles: No information available
% VOC: No information available
Evaporation Rate: No information available
Physical Form: No information available
pH: 3.5
Viscosity: 1000-2000 cps
Freezing Point: 32° F
Solubility in Water: Dispersible
Flashpoint: Not flammable

SECTION 10. Stability and Reactivity

Chemical Stability: Stable under normal conditions.
Condition to avoid: Heat, flames and sparks
Hazardous Polymerization: Product will not undergo hazardous polymerization.
Hazardous Decomposition: Thermal decomposition can lead to release of irritating and toxic gases and vapors. Silicon dioxide. Formaldehyde.
Materials to avoid: Avoid contact with strong oxidizing agents.

SECTION 11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity

Eyes Contact with eyes may cause irritation. Avoid contact with eyes.
Skin Substance may cause slight skin irritation. Avoid contact with skin.
Inhalation Health injuries are not known or expected under normal use.
Ingestion Health injuries are not known or expected under normal use.
Unknown acute toxicity 13.05602% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on Chapter 3.1 of the GHS document

ATEmix (oral) 145,063.00 mg/kg
 ATEmix (dermal) 20,720.00 mg/kg
 ATEmix (inhalation-dust/mist) No data available

11.2 Component information

Component	Oral LD50	Dermal LD50	Inhalation LC50
Oleic acid	=25 g/kg (rat)		
Sorbitan monoctadecanoate	=31 g/kg (rat)		
Poly(dimethylsiloxane)	>17 g/kg (rat)	> 2 g/kg (rabbit)	
Skin Corrosion	No information available.		
Eye damage/irritation	No information available.		
Sensitization	No information available.		
Mutagenic effects	No information available.		
Reproductive effects	No information available.		
STOT- single exposure	No information available.		
STOT- repeated exposure	No information available.		
Aspiration hazard	No information available.		
Carcinogenic effects	No information available.		

SECTION 12. Ecological Information

12.1 Toxicity

Ecotoxicity

Component	Algae	Fish	Daphnia magna
Oleic acid	-	LC50: >100 mg/L Pimephales	-
112-80-1		promelas (Fathead minnow)	

Unknown Aquatic Toxicity

97.60463% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

12.2 Persistence and degradability

No information available

12.3 Bioaccumulation potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

No information available

SECTION 13. Disposal Consideration

13.1 Waste treatment methods

Waste from residues/unused products

Contain and dispose of waste according to local regulations.

Contaminated packaging

Empty remaining contents

Waste codes/waste designations according to EWC/AVV

Not applicable.

SECTION 14. Transport Information

ADR.RID Not regulated

IMDG/IMO Not regulated

IATA Not regulated

SECTION 15. Regulatory Information

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

International Inventories

US TSCA Complies

Australia (AICS) Complies

Canada (DSL) Complies

China (IECSC) Complies

Europe (EINECS/ELINCS/NLP) Complies

Japan (METI) Complies

South Korea (KECL) Complies

Philippines (PICCS) Complies

New Zealand Complies

WGK Classification (VwVwS) Water endangering class = 3 (self estimation)

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorization and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV). This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

15.2 Chemical safety assessment

No information available.

SECTION 16. Other Information

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.