

# 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® 1168

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

Identified uses: Anti-foaming agent (defoamer)

Uses advised against: consumer use

### 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. Hazards identification

### 2.1. Classification of the substance or mixture

OSHA Regulatory Status - This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### 2.2. Label Elements

The product contains no substances which at their given concentration, are considered to be hazardous to health.

### 2.3. Other hazards

Hazards not otherwise classified (HNOC)

Not applicable

Unknown acute toxicity is 1% of the mixture consists of ingredient(s) of unknown toxicity

### 2.4. Other Information

May be harmful if swallowed.

## SECTION 3. Composition/information on ingredients

### 3.2. Mixtures

The product contains no substances which at their given concentrations, are considered to be hazardous to health.

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

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

Skin Contact Wash off immediately with soap and plenty of water.

Inhalation Move victim to fresh air.  
Ingestion Clean mouth with water and drink afterwards plenty of water.

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

No information available.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Notes to Physician - Treat symptomatically.

### **SECTION 5. Fire-fighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray. Alcohol resistant foam.

Unsuitable Extinguishing Media

No information available.

#### 5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Formaldehyde.

Explosion Data

Sensitivity to mechanical impact

Not applicable.

Sensitivity to static discharge

Not sensitive.

#### 5.3. Advice 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

Use personal protection equipment. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Avoid exceeding of the given occupational exposure limits (see section 8).

Evacuate personnel to safe areas. Remove all sources of ignition. Keep people away from and upwind of spill/leak.

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Local authorities should be advised if significant spillages cannot be contained. 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).

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers.

#### 6.4. Reference to other sections

See Sections 5 & 7 for additional information.

### **SECTION 7. Handling and storage**

### 7.1. Precautions for safe handling

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Use personal protection equipment.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep cool. Protect from sunlight. Keep away from open flames, hot surfaces and sources of ignition.

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Does not contain substances above concentration limits fixing an occupational exposure limit.

### 8.2. Exposure controls

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Tight sealing safety goggles.
Skin protection	Wear suitable protective clothing and gloves. Wear protective nitrile rubber gloves.
Respiratory protection	In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
General Hygiene	Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

## SECTION 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical State	Liquid	
Appearance	White to grey	
Odor	Mild	
Odor threshold	No information available	
Property	Values	Remarks/Method
pH	5	(in 50 g/L water)
Melting point/freezing point	-35C	No information available
Boiling point	No information available	No information available
Flash point	>100C	Open cup
Evaporation rate	< 1	(Butyl acetate = 1)
Flammability (solid, gas)	No information available	No information available
Flammability Limit in Air		
- Upper flammability limit	No information available	
- Lower flammability limit	No information available	
Vapor pressure	< 10 mmHg @ 25C	No information available
Vapor density	No information available	No information available
Specific gravity	1.0	No information available
Water solubility	No information available	No information available
Solubility in other solvents	No information available	No information available
Partition coefficient: n-octanol/water	No information available	No information available
Autoignition temperature	> 100C	No information available
Decomposition temperature	No information available	No information available

Viscosity	No information available	No information available
Explosive properties	No information available	
Oxidizing properties	No information available	

9.2. Other information

VOC content (%)  
 No information available

**SECTION 10. Stability and reactivity**

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.  
 Hazardous polymerization does not occur.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Formaldehyde.

**SECTION 11. Toxicological information**

11.1. Information on toxicological effects

Information on likely routes of exposure

Information given is based on data on the components and the toxicology of similar products.

Eyes	Contact with eyes may cause irritation. Avoid contact with eyes.
Skin	May be harmful in contact with skin. Avoid contact with skin.
Inhalation	Health injuries are not known or expected under normal use.
Ingestion	May be harmful if swallowed.

Numerical measures of toxicity - Product Information

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

ATEmix (oral)	2,061.00 mg/kg
ATEmix (dermal)	No data available.
ATEmix (inhalation-dust/mist)	No data available

Component Information

Component	Oral LD50	Dermal LD50	Inhalation LC50
Oleic acid	= 25 g/kg (Rat)	-	-
Polypropylene glycol	> 2 g/kg (Rat)	-	-
Poly(dimethylsiloxane)	> 17 g/kg (Rat)	> 2 g/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

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.
Chronic Toxicity	Avoid repeated exposure.
Aspiration Hazard	No information available.
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

## SECTION 12. Ecological information

### 12.1. Toxicity

Ecotoxicity.

Component	Algae	Fish	Daphnia magna
Oleic acid	-	LC50: >100 mg/L (Fathead minnow)	-
Polypropylene glycol	-	LC50 (96h): > 100 mg/L (Rainbow trout)	EC50 (48h): > 100 mg/l
Unknown Aquatic Toxicity	1.97% of the mixture consists of component(s) of unknown hazards to the aquatic environment.		

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative 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 considerations

### 13.1. Waste treatment methods

Disposal Methods	Contain and dispose of waste according to local regulations.
Contaminated packaging	Empty containers should be taken for local recycling, recovery or waste disposal. Dispose of contents/containers in accordance with local regulations.
US EPA Waste Number	Product, as sold, is not a US EPA RCRA Waste.

## SECTION 14. Transport information

DOT	Not regulated
ICAO/IATA	Not regulated
IMDG/IMO	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)	Contact manufacturer
New Zealand	Complies

#### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

##### SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (40 CFR 61)

This product does not contain any HAPs.

#### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

#### US State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals.

##### U.S. State Right-to-Know

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Oleic acid			X		X
2,6-Di-t-butyl-p-cresol	X	X	X		

#### International Regulations

##### Mexico

Mexico - Grade                      Slight risk, Grade 1

##### Canada

Oleic acid, 1-5% by weight on Ingredient Disclosure List (IDL)

##### WHMIS Hazard Class

Non-controlled

##### Canada Disclosure Lists

Components not listed are non-hazardous.

### **SECTION 16. Other information**

#### NFPA

Health 1

Flammability 1

Instability 0

HMIS III

Health 1

Flammability 1

Physical Hazard 0

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Reason for revision SDS sections updated, 3, 15.

For industrial use only.

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.