

# 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.



### 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<br>(Fathead minnow)       | -                      |
| Polypropylene glycol     | -  | LC50 (96h): > 100 mg/L<br>(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

Issue Date: 2015-06-04

Revision Date: 2015-08-13

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.