

# 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® 2642

### 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 0.002% of the mixture consists of ingredient(s) of unknown toxicity

### 2.4. Other Information

Not applicable.

## SECTION 3. Composition/information on ingredients

### 3.2. Mixtures

Polymer dispersion.

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

## **SECTION 4. First aid measures**

### *4.1. Description of first aid measures*

Eye Contact	Rinse thoroughly with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash with immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
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 – No information available.

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

### *5.1. Extinguishing media*

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam. Water mist may be used to cool closed containers.

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 vapours. Carbon oxides. Hydrocarbons.

Explosion Data

Sensitivity to mechanical impact

No.

Sensitivity to static discharge

No.

### *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

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.

## 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	Ensure that eyewash stations and safety showers are close to the workstation location. Tight sealing safety goggles. Safety glasses with side-shields.
Skin protection	Wear suitable protective clothing and gloves. Wear protective nitrile rubber gloves. Wear protective butyl 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	Clear colorless	
Odor	Slight	
Odor threshold	No information available	
Property	Values	Remarks/Method
pH	6.7	No information available
Melting point/freezing point	No information available	No information available
Boiling point	>100C	No information available
Flash point	No information available.	Open cup
Evaporation rate	No information available	No information available
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	No information available.	No information available
Vapor density	No information available	No information available
Specific gravity	1.03	No information available
Water solubility	Dispersible.	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	No information available	No information available
Decomposition temperature	No information available	No information available
Viscosity	~748 cps@25C	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 oxides.

**SECTION 11. Toxicological information**

*11.1. Information on toxicological effects*

Information on likely routes of exposure

Product 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 Health injuries are not known or expected under normal use.

Numerical measures of toxicity - Product Information

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

ATEmix (oral)	5,793.00 mg/kg		
ATEmix (dermal)	1,205,205.00 mg/kg		
ATEmix (inhalation-dust/mist)	No data available		
<b>Component Information</b>			
Component	Oral LD50	Dermal LD50	Inhalation LC50
Propylene carbonate	=29000 mg/kg (Rat)	> 20 mL/kg (Rabbit)	> 5000 mg/m <sup>3</sup> (rat)
Polyglycol	=5700 mg/kg (Rat)	-	-
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
Propylene carbonate	500: 72h, <i>Desmodesmus subspicatus</i> mg/L EC 50	LC50: >1000 mg/L (Sheepshead minnow, 96h) EC 50	500: 48h, <i>Daphnia magna</i>
Polyglycol	EC50, 48h: > 100 mg/L	LC50: >100 mg/L (Golden orfe) 96 h	EC50, 48h: > 100 mg/L
Unknown Aquatic Toxicity	0.002% of the mixture consists of component(s) of unknown hazards to the aquatic environment.		

### 12.2. Persistence and degradability

The surfactants contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

Component	Partition coefficient
Propylene carbonate, 108-32-7	0.48

### 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 contains the following HAPs:

Propylene carbonate, 1-5% by weight, VOC chemicals

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

WARNING! This product contains a chemical known in the State of California to cause cancer. WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm. Impurities (<0.1%).

Component	California Proposition 65
1,4 – Dioxane	Carcinogen
Ethylene oxide	Carcinogen, Developmental, Female Reproductive, Male Reproductive
Propylene oxide	Carcinogen

U.S. State Right-to-Know

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
1,4 – Dioxane	X	X	X	X	X
Ethylene oxide	X	X	X	X	X
Propylene oxide	X	X	X	X	X

International Regulations

Mexico

Mexico - Grade Slight risk, Grade 1

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

Canada Disclosure Lists

Propylene carbonate, 1-5% weight, Ingredient Disclosure List (IDL): 1%

**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.