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® 129 LOG
Type of product: Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Processing aid for industrial applications. 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. Hazards identification
2.1 Classification of the substance or mixture
Classification according to paragraph (d) of Regulation 29 CFR 1910.1200
Not Classified.

2.2 Label elements
Labeling according to paragraph (f) of Regulation 29 CFR 1910:1200
Hazard symbol(s): None.
Signal word: None.
Hazard statement(s): None.
Precautionary Statement: None.

2.3 Other hazards
Produce extremely slippery surfaces when wet.

SECTION 3. Composition/information on ingredients
3.1 Substances
Not Applicable. This product is not a substance.
3.2 Mixtures
Hazardous Components
Contains no reportable hazardous substances.

SECTION 4. First aid measures
4.1 Description of first aid measures
Inhalation:
Move to fresh air. No hazards which require special first aid measures.
Skin Contact:
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In case of persistent skin irritation, consult a physician.
Eye contact:
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists get prompt medical attention.
Ingestion:
Rinse mouth with water. DO NOT induce vomiting. No hazards which requires special first aid measures.

4.2 Most important symptoms and effects, both acute and delayed
None.
Indication of any immediate medical attention and special treatment needed
None expected.
Other Information:
When wet renders surfaces extremely slippery.

SECTION 5. Fire-fighting measures
5.1 Extinguishing media
Suitable extinguishing media:
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide (CO₂)
Unsuitable extinguisher media:
None

5.2 Special hazards arising from the substance or mixture
Hazardous decomposition products:
Thermal decomposition may produce: Carbon oxides (COₓ), Nitrogen oxides (NOₓ), Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

5.3 Advice for fire fighters
Protective measures:
In the event of fire, wear self-contained breathing apparatus and protective suit.
Other information:
When wet render surfaces extremely slippery.
SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Personal precautions:
Aqueous solutions or powders that become wet render surfaces extremely slippery.

Protective equipment:
Wear adequate personal protective equipment (see Section 8 Exposure Controls/Personal Protection).

Emergency procedures:
Keep people away from spill/leak.

6.2 Environmental precautions

As with all chemical products, do not flush into surface water.

6.3 Methods and material for containment and cleaning up

Small spills:
Do not flush with water. Clean up promptly by sweeping. Keep in suitable, closed container for disposal. After cleaning, flush away traces with water.

Large spills:
Do not flush with water. Clean up promptly by sweeping. Keep in suitable, closed container for disposal. After cleaning, flush away traces with water.

Residues:
Flush away with large quantities of water.

6.4 Reference to other sections

Section 7: Handling and storage; Section 8: Exposure controls/personal protection; Section 9: Physical and chemical properties; Section 13: Disposal considerations

SECTION 7. Handling and storage

7.1 Precautions for safe handling
Logs that become wet render surfaces extremely slippery. Use personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities
Keep in a dry place. Keep container closed when not in use. Incompatible with oxidizing agents.

7.3 Specific end use(s)
None.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters
Occupational exposure limits:
None.

8.2 Exposure controls
Appropriate engineering controls:
Natural ventilation is adequate.
Individual protection measures, such as personal protective equipment:

Eye/Face protection: Safety glasses with side-shields, goggles, or face shield.
Skin protection: Work clothes protecting arms, legs and body.
Hand protection: PVC or other plastic material gloves.
Respirator protection: No personal respiratory protective equipment normally required.
Additional advice: Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls: Do not allow uncontrolled discharge of product into the environment. Do not flush into surface water.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Solid, white gel log
Odor: None.
Odor Threshold: Not applicable.
pH: 5 – 9 @5g/L
Melting point/freezing point: >150°C
Initial boiling point and boiling range: Not applicable.
Flash point: Not applicable.
Evaporation rate: Not applicable.
Flammability (solid, gas): No data available.
Upper/lower flammability or explosive limits Not applicable.
Vapor pressure: Not applicable.
Vapor density: Not applicable.
Relative density: 0.6-0.9
Solubility(ies): Soluble in water.
Partition coefficient: -2
Auto ignition temperature: Does not self-ignite (based on the chemical structure).
Decomposition temperature: > 150°C
Viscosity: Not applicable.
Explosive properties: Kst=0
Non-flammable to ignition sources of less than 205kj.
Oxidizing properties: Not expected to be oxidizing based on the chemical structure.

9.2 Other information
None
SECTION 10. Stability and reactivity

10.1 Reactivity
None known.

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Oxidizing agents may cause exothermic reactions.

10.4 Conditions to avoid
None known.

10.5 Incompatible materials
Incompatible with oxidizing agents.

10.6 Hazardous decomposition products
Thermal decomposition may produce: Carbon oxides (CO\textsubscript{x}), Nitrogen oxides (NO\textsubscript{x}), Hydrogen cyanide (hydrocyanic acid).

SECTION 11. Toxicological information

11.1 Information on toxicological effects
Information on the product as supplied

Acute oral toxicity: \(\text{LD}_{50}/\text{oral/rat} > 5000\ \text{mg/kg}\).

Acute dermal toxicity: \(\text{LD}_{50}/\text{dermal/rat} > 5000\ \text{mg/kg}\).

Acute inhalation toxicity: The product is not expected to be toxic by inhalation.

Skin corrosion/irritation: Not irritating.

Serious eye damage/eye irritation: Not irritating.

Respiratory/skin sensitization: Not sensitizing.

Mutagenicity: Not mutagenic.

Carcinogenicity: Not carcinogenic.

Reproductive toxicity: Not toxic for reproduction.

STOT-single exposure: No known effects.

STOT – repeated exposure: No known effects.

Aspiration hazard: No hazards resulting from the material as supplied.

SECTION 12. Ecological information

12.1 Toxicity
Information on the product as supplied:

Acute toxicity to fish: \(\text{LC}_{50}/\text{Danio rerio/96 hours} > 100\ \text{mg/L (OECD203)}\).

Acute toxicity to invertebrates: \(\text{EC}_{50}/\text{Daphnia magna/48 hours} > 100\ \text{mg/L (OECD202)}\).
Acute toxicity to algae: \( IC_{50} / \text{Scenedesmus subspicatus/72 hours} > 100 \text{ mg/L(OECD201).} \)

Chronic toxicity to fish: No data available.

Chronic toxicity to invertebrates: No data available.

Toxicity to microorganisms: No data available.

Effects on terrestrial organisms: No known effects.

Sediment toxicity: No data available.

12.2 Persistence and degradability
Degradation: Not readily biodegradable.
Hydrolysis: Does not hydrolyze.
Photolysis: No data available.

12.3 Bioaccumulative potential
Information on the product as supplied:
Not bioaccumulating.
Partition co-efficient (Log Pow) -2
Bioconcentration factor (BCF) ~0

12.4 Mobility in soil
Information on the product as supplied:

12.5 Other adverse effects
None.

None known.

SECTION 13. Disposal considerations
13.1 Waste from residues / unused products
Dispose of in accordance with local regulations. Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging:
Rinse empty containers with water and use the rinse-water to prepare the working solution. Dispose in accordance with local and national regulations. Can be landfilled or incinerated, when in compliance with local regulations.

Recycling:
The product and its packaging are not suitable for recycling.

SECTION 14. Transport information
Land transport (DOT)
Not classified.

Sea transport (IMDG)
Not classified.

Air transport (IATA)
SECTION 15. Regulatory information

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

Information on the product as supplied:
TSCA Chemical Substances Inventory:
All components of this product are either listed on the inventory or are exempt from listing.
US SARA Reporting Requirements:
SARA (Section 311/312) hazard class:
Not concerned.
RCRA status:
Not RCRA hazardous.
California Proposition 65 Information:
WARNING! This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm, Acrylamide.

SECTION 16. Other information

NFPA and HMIS Ratings:
NFPA:
Health 0
Flammability 0
Instability 0
HMIS
Health 0
Flammability 0
Physical Hazard 0
PPE Code B

Key or legend to abbreviations and acronyms used in the safety data sheet:
None.

This SDS was prepared in accordance with the following:

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.