

SAFETY DATA SHEET

According to Federal Regulation 29 CFR 1910.1200

SECTION 1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name: TRAMFLOC® 1131

Type of product: Antifoam

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Anti-foaming agent

Uses advised against: Consumer use

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

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

2.3. Other hazards

Hazards not otherwise classified (HNOC)

Not applicable

Unknown acute toxicity Not applicable

Other Information Not applicable

SECTION 3. Composition/information on ingredients

3.2. Mixtures

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 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

Most important symptoms and effects

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

Dry chemical. Carbon dioxide (CO₂). Alcohol-resistant foam.

Unsuitable Extinguishing Media

No information available.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Varied particulate matter. Carbon monoxide. Carbon dioxide (CO₂). Flammable/toxic gases may accumulate in tanks and hopper cars.

Explosion Data

Sensitivity to mechanical impact

Not applicable.

Sensitivity to static discharge

Not sensitive.

5.3. Advice for firefighters

Advice for fire-fighters

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 or clothing.

Protective precautions

Ensure adequate ventilation. Avoid exceeding of the given occupational exposure limits (see section 8).

Emergency procedures

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

6.2. Environmental precautions

Environmental Precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for Containment

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

Methods for Clean-Up

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

Reference to other sections See Sections 5 & 7 for additional information.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Handling

Use personal protection equipment. Avoid contact with skin, eyes or clothing. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers. Keep away from direct sunlight. Incompatible with oxidizing agents.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Exposure Guidelines

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

8.2. Exposure controls

Engineering 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

Safety glasses with side-shields.

Skin protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. 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 Considerations

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Amber
Odor	Mild
Odor threshold	No information available

Property	Values	Remarks/ Method
pH	No information available	No information available
Melting point	No information available	No information available
Boiling point	> 150 °C	No information available
Flash Point	100 °C	CC (closed 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	1 mmHg	No information available
Vapor density	>1	No information available
Specific Gravity	0.94 - 0.99	No information available
Water Solubility	Emulsifiable	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	> 250 °C	No information available
Decomposition temperature	No information available.	No information available
Viscosity	No information available	No information available
Explosive properties	No information available	
Upper	17.4%	
Lower	2.6%	
Oxidizing properties	No information available	

9.2. Other information

VOC content (%) No information available

SECTION 10. Stability and reactivity

10.1. Reactivity

Reactivity Stable under normal conditions.

10.2. Chemical stability

Chemical Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

10.4. Conditions to avoid

Conditions to Avoid

Heat, flames and sparks.

10.5. Incompatible materials

Incompatible Materials

Strong oxidizing agents.

Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon monoxide. Carbon dioxide (CO₂).

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

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

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.

Numerical measures of toxicity - Product Information

ATEmix (oral)	20,000.00 mg/kg
ATEmix (dermal)	20,800.00 mg/kg
ATEmix (inhalation-dust/mist)	No data available

Component Information

Chemical name	Oral LD₅₀	Dermal LD₅₀	Inhalation LC₅₀
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Propylene Glycol	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	-
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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.

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 .

Chemical name	Algae	Fish	Daphnia magna
Propylene Glycol	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	LC50: 710-55770 mg/L, 96h (Fathead minnow)	EC50: > 10000 mg/L 48 h

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

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 (ENCS) Complies

South Korea (KECL) Complies

Philippines (PICCS) Complies

New Zealand Complies

Taiwan (TCSI) 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 Hazard Categories

Should this product meet EPCRA 311/312 Tier II reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications

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

This product contains the following HAPs:

Chemical name	Weight-%	HAPs	VOC	CHEMICALS	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Propylene Glycol	5 – 10		X			

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

Chemical name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Propylene Glycol 5 - 10		X	X		X

SECTION 16. Other information, including date of preparation of the last revision

Issue Date: 2015-10-05

Revision Date: 2019-04-26

Reason for revision SDS sections updated, 3, 11, 15.

For industrial use only. Refer to the safety data sheet and/or instructions for use.

NFPA	HMIS III
Health 1	Health 1
Flammability 1	Flammability 1
Instability 0	Physical Hazard 0

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.