

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® 1124

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Classification according to EU Directives 67/548/EEC or 1999/45/EC

This mixture is not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC

2.2. Label Elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.3. Other hazards

No information available.

2.4. Other Information

Not applicable.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Petroleum oil-based mixture.

Component	EC No.	CAS No.	% weight	Classification according to EU Directives 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH No.
Parrafin oil	Listed	Proprietary	10 – 30	-	Carc. 1B (H350) L	No data available.
Parrafin oil	Listed	Proprietary	30 – 60	-	Carc. 1B (H350) L	No data available.

Note: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP 346. This note applies only to certain complex oil derived substances in Annex 1.

SECTION 4. First aid measures

4.1. Description of first aid measures

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin Contact	Wash with immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
Inhalation	Move victim to fresh air.
Ingestion	Clean mouth with water. If swallowed, DO NOT induce vomiting.
Self-Protection of the First Aider	Use personal protection equipment.

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

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam.

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides.

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. Use personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

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).

Take up mechanically, placing in appropriate containers for disposal.

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. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse. Do not get in eyes, on skin or on clothing.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

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

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	Safety glasses with side-shields. If splashes are likely to occur, wear: Goggles.
Skin protection	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. PVC. Neoprene. PVA.
Respiratory protection	In exposure limits are likely to be exceeded or if irritation or other symptoms are experienced, NIOSH/MSHA or EN 136 approved respiratory protection should be worn.
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	Opaque, white	
Odor	Slight	
Odor threshold	No information available	
Property	Values	Remarks/Method
pH	No information available	No information available
Melting point/freezing point	No information available	No information available
Boiling point	No information available	No information available
Flash point	> 149C /> 300F	No information available

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	< 0.01	No information available
Vapor density	No information available	No information available
Specific gravity	0.86	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	~500 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 cause skin irritation and/or dermatitis. Avoid contact with skin.

Inhalation Inhalation of vapors in high concentration may cause irritation of respiratory system.

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

Unknown acute toxicity 38.3797% of the mixture consists of ingredient(s) of unknown toxicity.

Numerical measures of toxicity - Product Information

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

ATEmix (oral) 112,086.00 mg/kg
 ATEmix (dermal) 5,157.00 mg/kg
 ATEmix (inhalation-dust/mist) No data available

Component Information

Component	Oral LD50	Dermal LD50	Inhalation LC50
Polyalkylene glycol, alkyl ether	=9100 mg/kg (Rat)	=13340 mg/kg (Rabbit) =21200 ul/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
Paraffin oil	-	5000: 96H Oncorhynchus mykiss mg/L LC50	1000: 48h Daphnia magna mg/L EC50
Paraffin oil	-	5000: 96H Oncorhynchus mykiss mg/L LC 0	1000: 48h Daphnia magna mg/L EC50
Polyalkylene glycol, alkyl ether	-	LC 50: 20.6 mg/l (Pimphales promelas) LC 50 (96h): >500 m/L (golden orfe) LC50 (96h): 104 mg/L (Brachydanio rerio)	EC50: 450 mg/l (Daphnia magna) EC50 (48h): >100 mg/l (Daphnia magna) LC50: 9.8 mg/l (Daphnia magna)

Unknown Aquatic Toxicity 24.51% of the mixture consists of components(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. Do not burn or use a cutting torch on the empty drum.
Waste codes/waste designations according to EWC/AVV:	Not applicable.
Other information	Waste codes should be assigned by the user based on the application for which the product was used.

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

WGK Classification (VwVwS) Water endangering class – 1 (self estimation)

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorization and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV).
This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Persistent Organic Pollutants

Not applicable.

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

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.