

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 names: TRAMFLOC® 1010 Liquid Sequestration Media

Type of product: Potassium based 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

No hazard symbols or risk phrases listed.

2.2. Label elements

Hazard pictograms:

None listed.

Signal word:

None listed.

Hazard statements:

Eye: May cause eye irritation
Skin: May cause skin irritation. Low hazard for usual industrial handling.
Ingestion: May cause irritation of the digestive tract.
Chronic: No data available.

Precautionary statements:

Protective gloves/eye protection is recommended. If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If on skin: wash with plenty of water.

Hazard(s) not otherwise classified (HNOC):

None known.

SECTION 3. Composition/information on ingredients

3.1. Substances

Purity:	>99%
Synonyms:	N/A
Hazard impurities:	<0.5%

SECTION 4. First aid measures

4.1. Description of first aid measures

Inhalation:	Remove to fresh air
Skin contact:	Wash exposed area with soap and water
Eye contact:	Flush immediately with plenty of water
Ingestion:	Drink plenty of fluids. If irritation persists, see a physician.
Self-protection:	Protective glasses and gloves are recommended.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms

No data available.

Effects

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor:

No data available

Special treatment

No data available

SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water, CO₂

5.2. Special hazards arising from the substance or mixture

Hazardous incompatibility:

Strong oxidizing agents

5.3. Advice for fire-fighters

Additional information

Avoid excessive dust, open flames, or welding in area of dry product

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Personal protective equipment

Safety glasses and protective gloves are recommended.

Emergency procedures

Spilled product is non-hazardous. Sweep and dispose of material in accordance with Federal, State, and Local regulations.

For emergency responders:

Personal protective equipment

Safety glasses and protective gloves are recommended.

6.2. Environmental precautions

Product is considered non-hazardous. Dispose of material in accordance with Federal, State, and Local regulations.

6.3. Methods and material for containment and cleaning up

For containment: Local exhaust ventilation is recommended for control of dust.

For cleaning up: Use of NIOSH approved dust mask is recommended along with safety glasses and protective gloves.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Protective measures:

Advice on safe handling: Good housekeeping is encouraged. Protective goggles and gloves are recommended. Use of a NIOSH approved dust mask is recommended.

Fire preventions: Local exhaust ventilation is recommended for control of dust.

Aerosol and dust generation preventions: Local exhaust ventilation is recommended for control of dust.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Local exhaust ventilation is recommended for control of dust.

Packaging materials

No data available.

Requirements for storage rooms and vessels

No data available.

Storage class

No data available.

Material to avoid

No data available.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

No data available

Biological limit values

No data available.

Exposure limits at intended use

No data available.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Solid powder

Color: White, beige

Odor: Negligible

pH: 6-8, Contentration: 1-5%, Temperature: RT, Pressue: ATM

Melting point/freezing point: No data available.

Initial boiling point/boiling range: No data available.

Flash point: No data available.

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower flammability: No data available.

Explosive limits: No data available.

Upper explosive limits: No data available.

Lower explosive limits: No data available.

Vapor density: No data available.

Relative density: No data available.

Solubility(ies): Insoluble

Partition coefficient: n-octanol/water: No data available.

Auto-ignition temperature: No data available.

Decomposition temperature: No data available.

Decomposition temperature: ~150 C

Viscosity: No data available.

Viscosity, dynamic: No data available.

Viscosity, cinematic: No data available.

Explosive properties: No data available.

Oxidizing properties: No data available.

9.2. Other information

Product is considered non-hazardous. Total extractables are expected to be less than <0.5%

SECTION 10. Stability and reactivity

10.1 Reactivity

No further data available.

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

Avoid excessive dust, open flames, or welding in area of dry product.

10.4. Conditions to avoid

Excessive dust is potentially explosive

10.5. Incompatible materials

No further data available.

10.6. Hazardous decomposition products

No further data available.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Practical experience/human evidence:	Data on file; to be included.
Skin corrosion/irritation:	Practical experience/human evidence:	Data on file; to be included.
	In-vitro skin test:	Data on file; to be included.
Eye damage/irritation:	Practical experience/human evidence:	No data available.
Sensitization to the respiratory tract:	Practical experience/human evidence:	No data available.
Skin sensitization:	Practical experience/human evidence:	No data available.
Carcinogenicity:	Practical experience/human evidence:	No data available.
Reproductive toxicity:	Practical experience/human evidence:	No data available.
Specific target organ toxicity: Single:	Practical experience/human evidence:	No data available.
Irritation to respiratory tract:	Practical experience/human evidence:	No data available.
Narcotic effects:	Practical experience/human evidence:	No data available.
Specific target organ toxicity: Repeated:	Practical experience/human evidence:	No data available.

SECTION 12. Ecological information

12.1 Toxicity

Aquatic toxicity

No data available.

Sediment toxicity

No data available.

Terrestrial toxicity

No data available.

12.2. Persistence and degradability

Biodegradation

No data available.

Abiotic degradation

No data available.

12.3 Bioaccumulative potential

Bioconcentration factor, BCF

No data available

12.4 Mobility in soil

Assessment/classification

No data available.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Recommendation

Observe all Federal, State, and Local environmental regulations when disposing of this material.

Recommended cleansing agent

Water, if necessary with cleansing agents.

SECTION 14. Transport information

Land transport (DOT)

Not classified.

Sea transport (IMDG)

Not classified.

Air transport (IATA)

Not classified.

SECTION 15. Regulatory information

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

EU regulations

Authorizations and/or restrictions on use

None available.

National regulations

Authorizations and/or restrictions on use

None available.

SECTION 16. Other information

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.