

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAMES: Tramfloc® 1237G and 1247G

DATE ISSUED: 06/01/04

SUPERSEDES: 05/07/99

DESCRIPTION: Stabilized blends of long chain ortho and polyphosphates with zinc.

### COMPANY IDENTIFICATION:

Tramfloc, Inc.

P. O. Box 350

Tempe, AZ 85280-0350

480-491-6895

EMERGENCY TELEPHONE: 24 hours a day, 7 days a week

CHEMTREC 1-800-424-9300

## FIRST AID MEASURES

Handle in accordance with good industrial hygiene and safety practices. These practices include unnecessary exposure and removal of the material from eyes, skin and clothing.

## HAZARDS INFORMATION

Component	%	TLV-TWA
Zinc Sulfate	11–20	1 mg/M <sup>3</sup>
Sodium Bisulfate	<10	1 mg/M <sup>3</sup>

## HEALTH

INHALATION: No known risk of overexposure

INGESTION: Ingestion of the product may cause nausea. Ingestion of the product as recommended in potable water presents no known risk of overexposure.

SKIN: Possible irritation of exposed tissue due to individual sensitivity.

EYES: Possible irritation to eyes if exposed to the product due to individual sensitivity.

## FIRE AND EXPLOSION

FLASH POINT: None; AUTO IGNITION TEMPERATURE: None; FLAMMABLE LIMITS: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

## PRECAUTIONS AND PROCEDURES

Fire extinguishing agents recommended: This product is a dry powder. The product presents minimal hazards. Fire extinguishing agents to avoid: N/A; Special fire fighting precautions: self contained breathing apparatus should be worn.

Ventilation: Standard general ventilation is sufficient. Normal handling: To avoid individual sensitivity to material,

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wear gloves and protective clothing when handling. Storage: Store in a cool, dry place. Keep container tightly closed during transport and storage. Spill or leak: The product is not a hazardous waste. Sweep up spill and dispose of in an appropriate manner.

Special Precautions/Procedures/Label Instructions: None

## **PERSONAL PROTECTIVE EQUIPMENT**

Wear gloves and protective clothing to protect against individual sensitivities to the product.

## **PHYSICAL DATA**

Appearance and color: white free flowing granules; Specific gravity is 1.00.

Boiling point: N/A; Vapor density: N/A; Solubility in water: 100%; pH of a 1% solution: 2.0 +/-0.3

## **REACTIVITY**

Stability: Stable

Conditions to avoid: Treat as an acidic solution

Incompatibility (materials to avoid): None

Hazardous decomposition products: Hydrogen chloride.

Hazardous polymerization: Will not occur

Conditions to avoid: Metals and strongly caustic compounds.

**HAZARDOUS INGREDIENTS (MIXTURES ONLY):** None

## **ENVIRONMENTAL**

No phosphate component of Tramfloc® 1237G and 1247G has tested worse than: 96-hour LC 50 Bluegill: 650 ppm practically non-toxic. 96-hour LC 50 Trout: 320 ppm practically non-toxic.

**EPA HAZARDOUS:** No

**WASTE DISPOSAL METHODS:** Follow federal, state and local regulations for disposal in an approved landfill.

**RCRA STATUS:** Not hazardous

## **REFERENCES**

Registry of Toxic Effects of Chemical Substances. National Institute of Occupational Safety and Health.

Merck Index, Tenth Edition.

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.