

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT and COMPANY IDENTIFICATION

PRODUCT NAME: Tramfloc® 348 Polymer Cleaner

DATE ISSUED: 06/01/03

SUPERSEDES: 05/07/98

DESCRIPTION: Solution of mineral acids and surfactants.

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

HAZARDOUS INGREDIENTS: C.A.S.#	OSHA PEL/TLV	ACGIH TLV	STEL	OTHER LIMITS
Phosphoric Acid 7664-38-2	1mg/m ³	1mg/m ³	mg/m ³	N/A
Sulfuric Acid 7664-93-9	1mg/m ³	1mg/m ³	mg/m ³	N/A

HEALTH - 1 FIRE - 0 REACTIVITY - 0 SPECIFIC HAZZARD - Acid

BOILING POINT - 225⁰ F FLASH POINT - N/A DEG. F. METHOD USED: N/A

SPECIFIC GRAVITY - 1.114 EVAPORATION RATE (BUTYL ACETATE=1): N/A % VOLATILE: N/A

PHYSICAL DESCRIPTION: BLUE-GREEN COLOR: WINTERGREEN ODOR: pH of 5% solution 2.5

FLAMMABLE LIMITS: LEL - N/A: UEL - N/A

EXTINGUISHING MEDIA: Water mist, dry chemical, CO2, alcohol foam.

SPECIAL FIRE FIGHTING PROCEDURE: Fire fighters should wear self-contained breathing apparatus as in all chemical fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: On prolonged contact with aluminum or zinc this product will produce hydrogen gas which can form explosive mixtures in air.

UNSTABLE - STABLE - X;

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of sulfur and carbon.

CONDITIONS TO AVOID: N/A;

MATERIALS TO AVOID: Strong bases. Aluminum or Zinc.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

POSSIBLE ROUTES OF ENTRY: INHALATION - No INGESTION - Yes SKIN - Yes

ACUTE HEALTH HAZARD: Eye irritation, mucous membrane irritation, possible skin irritation.

CHRONIC HEALTH HAZARD: Not known.

CARCINOGENICITY: NTP - No; IARC MONOGRAPHS - No; OSHA REGULATED - No

ORAL LD/50 - Unknown DERMAL IRRITATION - Slight EYE IRRITATION - Severe

PRODUCT NAME: Tramfloc® 348

SYMPTOMS OF EXPOSURE:

EYE - Irritation and burning.

SKIN - Irritation is possible on prolonged exposure.

INHALATION - Mucous membrane irritation.

INGESTION - Mucous membrane irritation.

CONDITIONS AGGRAVATED BY EXPOSURE - Unknown.

FIRST AID

SKIN: Flush with water, if irritation persists get medical attention.

EYES: Flush with water for 15 minutes. See physician immediately.

INHALATION: Not likely to occur under conditions of use.

INGESTION: Drink large quantity of water or milk. If gastric distress occurs, see a physician.

SPILL SAFETY: Stop leak, dilute spilled material with sodium bicarbonate solution to greater than pH 6.5.

DISPOSAL INFORMATION: Flush diluted material to sewer.

STORAGE AND HANDLING: Store in a dry, cool place.

PERSONAL HYGIENE:

RESPIRATORY PROTECTION - None needed.

VENTILATION:

GENERAL MECHANICAL - X LOCAL - SPECIAL -

PROTECTIVE EQUIPMENT REQUIRED:

RUBBER GLOVES - X RUBBER APRON - X RUBBER BOOTS - X CHEMICAL SPLASH

GOGGLES - X FACE SHIELD - X

SHIPPING INFORMATION:

DOT LABEL: NONE REQUIRED - REQUIRED - X CORROSIVE - X OXIDIZER - POISON -

FLAMMABLE (COLOR) -

U.N. Number - 1760 NOT REQUIRED

SPECIAL INFORMATION:

N/A=NOT APPLICABLE N/K=NOT KNOWN

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 assume 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.

