

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT and COMPANY IDENTIFICATION

PRODUCT NAME: TRAMFLOC® Activated Carbon

DATE ISSUED: 06/01/03
SUPERSEDES: 08/25/99

DESCRIPTION: Activated Carbon

TRAMFLOC, INC.

P. O. Box 350

Tempe, AZ, 85280-0350

480-491-6895

EMERGENCY TELEPHONE: 24 hours a day, 7 days a week, CHEMTREC: 800-424-9300

SECTION 2 - COMPOSITION and INFORMATION ON INGREDIENTS

CHEMICAL NAME

CAS NUMBER

Activated Carbon

7440-44-0

Typical percentage: 100

OSHA Hazard: No

SECTION 3 - HAZARDS IDENTIFICATION

OCCUPATIONAL EXPOSURE: The primary concerns for occupational exposure are skin contact and inhalation in the form of dust. The dust may cause eye irritation, slight skin irritation, and possible respiratory tract irritation which can cause coughing or sneezing.

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove patient to fresh air.

SKIN: Remove contaminated clothing and launder before reuse. Wash affected area with soap and water for at least 15 minutes.

EYE CONTACT: Flush with water at least 15 minutes with eyelids open. Call a physician. INGESTION: Induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious person.

SECTIONS 5 - FIRE FIGHTING MEASURES

FLASHPOINT AND IGNITION TEMPERATURE: Non-flammable FLAMMABILITY: N/A

FIRE AND EXPLOSION HAZARD: When burned, hazardous products of combustion including oxides of carbon can occur. Irritating and/or toxic gasses due to decomposition of the product may be generated during a fire. Contact with strong oxidizers such as ozone or liquid oxygen may cause rapid combustion.

EXTINGUISHING MEDIA: Dry chemical, foam, water spray or carbon dioxide.

SPECIAL PROTECTIVE EQUIPMENT FOR A FIRE: Wear full protective clothing and NIOSH approved self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Product Name: TRAMFLOC® Activated Carbon

LEAK OR SPILLS: When leaks or spills occur, clean up in a fashion that does not dissipate dust into air. Manage in accordance with good industrial hygiene and safety practices such as avoiding unnecessary exposure and removal of material from skin, clothing, and eyes. **OTHER INSTRUCTIONS:** Dispose of material in accordance with federal, state, local or other applicable laws and regulations.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Avoid contact with eyes, skin and clothing. Avoid scattering of dust into air and breathing of dust. Keep containers dry and closed. Wash thoroughly after handling.

SECTION 8 - EXPOSURE CONTROLS and PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH approved dust respirator (ANSI Z 882.1980) or equivalent, as required to control exposure.

HAND PROTECTION: Wear impervious gloves. **EYE PROTECTION:** Safety glasses with side panels are required for any form of handling. Keep eye flushing equipment nearby. **SKIN PROTECTION:** Avoid skin contact. Wear appropriate dust resistant clothing. If clothing is contaminated, wash skin and launder clothing before reuse.

AIRBORNE EXPOSURE: OSHA and ACGIH have not established exposure limits for this material.

NOTE: Before eating, drinking or smoking, wash face and hands thoroughly with soap and water.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, COLOR AND ODOR: Black powder or granules with little or no odor.

BOILING POINT, C: N/A **FREEZING POINT, C:** N/A **SPECIFIC GRAVITY:** 1.8 - 2.1

WATER SOLUBILITY: Insoluble; **VAPOR DENSITY:** N/A **VAPOR PRESSURE (20C):** N/A
EVAPORATION RATE: N/A **% VOLATILES:** N/A

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Activated carbon is determined stable under the outlined conditions of storage, shipment and use. **HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.

HAZARDOUS POLYMERIZATION: Does not occur. **MATERIALS TO AVOID:** Rapid combustion is possible when in contact with strong oxidizers such ozone, liquid oxygen, chlorine, etc.

SECTION 11 - TOXICOLOGICAL INFORMATION: N/A

SECTION 12 - ECOLOGICAL INFORMATION: N/A

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Recycle if possible. Dispose of solidified material in accordance with federal, state, local or other applicable laws and regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Product Name: TRAMFLOC® Activated Carbon

DOT proper shipping name and hazard class not regulated. DOT ID Number, packing group and label: N/A

SECTION 15 - REGULATORY INFORMATION

SARA HAZARD CLASSIFICATION: IMMEDIATE (ACUTE) HEALTH: Yes
DELAYED (CHRONIC) HEALTH: No SUDDEN RELEASE OF PRESSURE: No
REACTIVE: No FIRE: No
SARA TITLE III, SECTION 302: Does not contain any chemicals under this section.
SARA TITLE III, SECTION 313: Does not contain any chemicals under this section.
TSCA: Activated carbon is listed on the TSCA Inventory status.

CALIFORNIA PROPOSITION: Activated carbon does not contain any chemicals currently on the California List of Known Carcinogens and Reproductive Toxins.

INVENTORY INFORMATION:

EEC EINECS: All components of this product are included on the European Inventory of Existing Chemical Substances (EINECS) in compliance with Council Directive 67/548/EEC as amended.
US TSCA: This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C.
CANADA DSL: Components of this product have been reported to Environment Canada in accordance with subsection 25 of the Canadian Environmental Protection Act and are included on the Domestic Substances List.

SECTION 16 - OTHER INFORMATION

NO CHEMICAL FATE INFORMATION AVAILABLE.

WARNING: WET ACTIVATED CARBON DEPLETES OXYGEN FROM THE AIR AND THEREFORE DANGEROUSLY LOW LEVELS OF OXYGEN MAY BE ENCOUNTERED. WHENEVER WORKERS ENTER A VESSEL OR CONFINED SPACE CONTAINING ACTIVATED CARBON, THE VESSEL'S OXYGEN CONTENT SHOULD BE MONITORED AND WORK PROCEDURES FOR POTENTIALLY LOW OXYGEN AREAS SHOULD BE FOLLOWED.

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.