

MATERIAL SAFETY DATA SHEET



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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Spectrachem® Tracer
GENERAL USE: Fluid Tracer
PRODUCT CODE: 2400
PRODUCT FORMULATION NAME: Proprietary
CHEMICAL FAMILY: Sodium Salt – H₂O
GENERIC NAME: CFT-2400

MANUFACTURER

ProTechnics
Division of Core Laboratories
6510 W. Sam Houston Parkway N
Houston, Texas 77041

24 HR. EMERGENCY TELEPHONE NUMBERS

Emergency: 713-328-2320
Transportation Emergency:
1-800-535-5053 (inside US)
1-352-323-3500 collect (outside US)

COMMENTS: To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200, 91/155/EEC and Canadian Hazardous Products Act.

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Cream colored liquid with no odor.
IMMEDIATE CONCERNS: May cause eye and skin irritation.

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation to the eyes.
SKIN: May cause irritation to the skin.
INGESTION: May cause irritation to the digestive tract.
INHALATION: May cause irritation to the lungs, upper respiratory tract and nose.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Redness and possible itching and/or tearing of the eyes.
SKIN: Redness and/or itching of the skin
INGESTION: Possible nausea and/or vomiting.
INHALATION: Possible coughing, burning, tightness of chest and/or shortness of breath.

ACUTE TOXICITY: No test data is available for acute dermal toxicity.
No test data is available for acute oral toxicity.
No test data is available for acute inhalation toxicity.

CARCINOGENICITY: Not Listed by NTP
Not listed by IARC
Not listed by OSHA

MUTAGENICITY: Not Available

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: Not Available

TERATOGENIC EFFECTS: Not Available

MEDICAL CONDITIONS AGGRAVATED: None known

TARGET ORGAN STATEMENT: Contains material which may cause gastrointestinal tract and respiratory tract irritation.

SENSITIZATION: Not Available

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | CAS/Exempt No | Percent | Hazardous |
|---|--------------------------|---------|-----------|
| Proprietary Ingredient supplied as 10% w/v Aqueous Solution | 8391 (Filed 11-16-11) | 10 | No |
| Water | 7732-18-5 | 90 | No |

EEC LABEL SYMBOL AND CLASSIFICATION



R 36, R 38: Irritating to eyes and skin.

EEC Irritant - "Xi"

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for two to three minutes. Remove any contact lenses and continue flushing for 15 minutes. If irritation continues, seek medical attention.

SKIN: Remove contaminated clothing including shoes and immediately wash affected area with plenty of soap and water. If irritation continues, seek medical attention. Wash contaminated clothing and shoes before reuse.

INGESTION: Wash out mouth with water and keep at rest. Seek immediate medical attention.

INHALATION: Although unlikely, remove from further exposure. If cough or other symptoms develop, seek medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Available

FLAMMABLE LIMITS: None – nonflammable

AUTOIGNITION TEMPERATURE: Not Available

FLAMMABLE CLASS: Nonflammable

FLAME PROPAGATION OR BURNING RATE OF SOLIDS: Not Available

GENERAL HAZARD: None

EXTINGUISHING MEDIA: Non-needed.

HAZARDOUS COMBUSTION PRODUCTS: None.

FIRE FIGHTING PROCEDURES: This product is a nonflammable substance.

SENSITIVE TO STATIC DISCHARGE: Not Available

SENSITIVITY TO IMPACT: Not Available

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of the material.

Wearing the appropriate personal protective equipment designated in Section 8, move the leaking container to a containment area.

GENERAL PROCEDURES: Remove containers of strong acids from release area.

7. HANDLING AND STORAGE

HANDLING: Use appropriate personal protective equipment as specified in Section 8. Handle in a well ventilated area.

Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.

STORAGE: Store in unopened containers under cool and dry conditions.

Do not store with, or close to strong acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: To prevent any contact, wear protective clothing such as neoprene or butyl rubber gloves and apron where appropriate.

RESPIRATORY: If airborne dust is present, use a NIOSH approved particulate respirator.

WORK HYGIENIC PRACTICES: Facilities storing or using this material should be equipped with an eyewash facility.

Good personal hygiene practices should always be followed.

COMMENTS: No PEL's, TLV's or OEL's for this product or it's ingredients are listed in the current issue of ACGIH's Guide to Occupational Exposure Values nor have they been determined by the manufacturer.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Extreme Cold.

STABILITY: The product is stable under normal ambient conditions of temperature and pressure.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

INCOMPATIBLE MATERIALS: Strong acids

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: Not Available

ORAL LD₅₀: Not Available

INHALATION LC₅₀: Not Available

EYE EFFECTS: This material may cause irritation to the eyes.

SKIN EFFECTS: This material may cause irritation to the skin.

TARGET ORGANS: Eyes

Skin

Gastrointestinal tract

Respiratory system

CARCINOGENICITY:

IARC: Listed by IARC - No

NTP: Listed by NTP - No

OSHA: Listed by OSHA - No

MUTAGENICITY: Not Available

REPRODUCTIVE EFFECTS: Not Available

TERATOGENIC EFFECTS: Not Available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Available

ECOTOXICOLOGICAL INFORMATION: Not Available

DISTRIBUTION: Not Available

CHEMICAL FATE INFORMATION: Not Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.

PRODUCT DISPOSAL: Dispose of at a supervised appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

EMPTY CONTAINER: Contaminated containers should be cleaned and disposed of in the same manner as the product in accordance with applicable regulations.

GENERAL COMMENTS: Refer to Section 6, Accidental Release Measures for additional information.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

TECHNICAL NAME: CFT-2400

LABEL: Use Product Identifier, "Trade Name", with technical name below.

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Not Regulated

TECHNICAL NAME: CFT-2400

LABEL: Use Product Identifier, "Trade Name", with technical name below.

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Not Regulated

TECHNICAL NAME: CFT-2400

LABEL: Use Product Identifier, "Trade Name", with technical name below.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO **PRESSURE GENERATING:** NO **REACTIVITY:** NO **ACUTE:** NO **CHRONIC:** NO

313 REPORTABLE INGREDIENTS: Not Applicable

TITLE III NOTES: Not Applicable

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not Applicable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All intentional ingredients are listed on the TSCA Inventory.

NATIONAL RESPONSE CENTER: U.S. Coast Guard National Center telephone # 1-800-424-8802

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION



Class D, Division 2, Subdivision B: Toxic Material
May cause eye and skin irritation.

WHMIS Toxic

WHMIS (WORKER HAZARDOUS MATERIALS INFORMATION SYSTEM): This product is WHMIS controlled.

CANADA INGREDIENT DISCLOSURE LIST: This product does not contain any known ingredient(s) on the "Ingredient Disclosure List".

CANADIAN ENVIRONMENTAL PROTECTION ACT: All intentional ingredients are listed on the DSL (Domestic Substance List).

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION



R 36, R 38: Irritating to eyes and skin.

S 24, S 25: Avoid contact with skin or eyes.

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 28: After contact with skin, wash immediately with plenty of soap and water.

EEC Irritant - "Xi"

EUROPEAN COMMUNITY REGULATORY: All intentional ingredients are listed on the European's EINECS Inventory.

MEXICO This product is considered to be an irritant according to Mexican Standard, Instruction No. 9, ANNEX 1

STATE REGULATIONS Not Available

REGULATIONS

LOCAL REGULATIONS: Not Available

16. OTHER INFORMATION

MANUFACTURER DISCLAIMER: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

Prepared by: ProTechnics Environmental Compliance Department

Date of revision: 11-17-11

Contact information: 713-328-2320