

# MATERIAL SAFETY DATA SHEET



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**MSDS Ref. No:** 1800  
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**Revision No:** 007

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Spectrachem® Tracer  
**GENERAL USE:** Fluid Tracer  
**PRODUCT CODE:** 1800  
**PRODUCT FORMULATION NAME:** Proprietary  
**CHEMICAL FAMILY:** Sodium Salt – H<sub>2</sub>O  
**GENERIC NAME:** CFT-1800

### 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.

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## 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

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS/Exempt No	Percent	Hazardous
Proprietary Ingredient supplied as 10% w/v Aqueous Solution	8386 (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"

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### 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.

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### 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

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## 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.

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## 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.

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## 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

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## 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

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## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**DERMAL LD<sub>50</sub>:** Not Available

**ORAL LD<sub>50</sub>:** Not Available

**INHALATION LC<sub>50</sub>:** 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

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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not Available

**ECOTOXICOLOGICAL INFORMATION:** Not Available

**DISTRIBUTION:** Not Available

**CHEMICAL FATE INFORMATION:** Not Available

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### 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.

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### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not Regulated

**TECHNICAL NAME:** CFT-1800

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

**AIR (ICAO/IATA)**

**PROPER SHIPPING NAME:** Not Regulated

**TECHNICAL NAME:** CFT-1800

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

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Not Regulated

**TECHNICAL NAME:** CFT-1800

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

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### 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

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**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

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Contact information: 713-328-2320