



## MATERIAL SAFETY DATA SHEET

|                       |   |
|-----------------------|---|
| <b>HAZARD RATINGS</b> |   |
| Health:               | 1 |
| Flammability:         | 0 |
| Reactivity:           | 0 |
| Personal Protection:  | B |

**NOTICE:** Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

### SECTION I. PRODUCT IDENTIFICATION

Product Identifier: ER-188  
Product VOC: 0  
Manufactured For: Sundry Tech  
PO Box 427  
Frederick, PA 19435

Product Identification #(PIF): 1481  
Emergency Telephone #: 610-754-7283  
General Information #: 610-754-7283  
Prepared by: Sonya Lockhart  
Date Prepared: October 28, 2003

### SECTION II. HAZARDOUS INGREDIENTS

|                      | CAS #     | OSHA/PEL | TLV | STEL | max. % |
|----------------------|-----------|----------|-----|------|--------|
| Sodium Metaperiodate | 7790-28-5 | NE       | NE  | NE   | 4      |

### SECTION III. HEALTH HAZARD INFORMATION

.....**Primary Routes of Entry:** X Skin X Eyes    Inhalation    Ingestion

◆ *Effects of overexposure:*

- Eye Contact: May cause irritation to eyes.
- Skin Contact: Prolonged contact may cause irritation, redness, burning and drying of skin.
- Inhalation: Inhalation of high concentrations of vapors or mists may cause irritation to respiratory tract.
- Ingestion: Swallowing large amounts may cause kidney dysfunction, hemolysis and CNS depression.

### SECTION IV. EMERGENCY FIRST AID

- ◆ *Eyes:* Flush well with water for at least 15 minutes. If irritation persists, seek medical attention.
- ◆ *Skin:* Wash well with soap and water. If irritation develops, seek medical attention.
- ◆ *Inhalation:* Move to fresh air.
- ◆ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

### SECTION V. FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Autoignition Temperature: NA  
Hazardous combustion products: Fumes and oxides of iodine.

Flash Point: NA  
Upper Flammability Limit (% by volume): NA  
Lower Flammability Limit (% by volume): NA

- ◆ *Special Fire Fighting Procedures:* Wear NIOSH approved pressure self-contained breathing apparatus and full protective clothing.
- ◆ *Unusual Fire Fighting Hazard:* None.

### SECTION VI. REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: Strong bases.  
Conditions to avoid: None.  
Hazardous decomposition products: Fumes and oxides of iodine.

**SECTION VII.****HANDLING & STORAGE**

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.

*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution.

**SECTION VIII.****EXPOSURE CONTROL/PERSONAL PROTECTION**

Personal protective equipment: Use rubber gloves and eye protection.

Gloves (specify): Chemical resistant gloves

Eye (specify): Chemical resistant eye ware

Clothing (specify): Normal materials handling clothing

Respirator (specify): NA

Footwear (specify): Chemical resistant shoes

Other: Always provide adequate ventilation.

**SECTION IX.****SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

**SECTION X.****PHYSICAL DATA**

Boiling point: >212°F

Specific Gravity, (water + 1.0): 1.0

% Volatile/ volume: 98%

Solubility: Complete

*Description/odor:* Clear/colorless liquid with no odor.

Vapor Density: (Air = 1): ND

pH, Neat: 4 - 6

Vapor Pressure: ND

Evaporation Rate: ND

**SECTION XI.****TOXICOLOGICAL INFORMATION**

◆ Effects of acute exposure to product: May cause irritation to eyes and skin.

◆ Effects of chronic exposure to product: None.

**SECTION XII.****ECOLOGICAL INFORMATION**

NOT DETERMINED.....

**SECTION XIII.****ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Material should be soaked onto absorbent and shoveled into waste containers.

Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

**SECTION XIV.****TRANSPORT INFORMATION**

Not regulated by D.O.T.

**SECTION XV.****REGULATORY INFORMATION****SARA TITLE II REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Acute Health Hazard

SECTION 312: Acute Health Hazard

SECTION 313: Not listed

CERCLA: This product is not reportable.

RCRA: Not Applicable.

**SECTION XVI.**

**ADDITIONAL INFORMATION**

NONE.....

**The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.**

**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.  
SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-  
INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM  
(NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS,  
OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91,  
173.310.