



## MATERIAL SAFETY DATA SHEET

### HAZARD RATINGS

Health: 3  
 Flammability: 0  
 Reactivity: 0  
 Personal Protection: E

**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-Powder  
 Product VOC: 0  
 Manufactured For: Sundry Tech  
 P.O. Box 427  
 Frederick, PA 19435

Product Identification #(PIF): 1483  
 Emergency Telephone #: 1-800-255-3924  
 General Information #: 610-754-7283  
 Prepared by: Sonya Lockhart  
 Date Prepared: October 28, 2005

### SECTION II. HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
Sodium Metaperiodate	7790-28-5	NE	NE	NE	100

### SECTION III. HEALTH HAZARD INFORMATION

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

◆ *Effects of overexposure:*

- Eye Contact: Irritating to eyes.
- Skin Contact: Prolonged contact may cause irritation and dermatitis.
- Inhalation: Irritating to upper respiratory tract. Harmful if inhaled.
- Ingestion: Harmful if ingested.

### 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 immediately.
- ◆ *Ingestion:* Drink lots of water to dilute and induce vomiting. Get medical help immediately.

### 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 of iodine, hydrogen iodine and oxides of sodium.

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:* Strong oxidizer.

### SECTION VI. REACTIVITY DATA

Chemical stability: Stable  
 Hazardous polymerization: Will not occur.  
 Incompatibility with other substances: Combustibles, reducing agents and organic matter.  
 Conditions to avoid: Heat above 300 deg. C. Forms explosive mixtures with reducing agents, finely powdered metals and magnesium. Keep away from combustibles, heat, flame and spark.  
 Hazardous decomposition products: Fumes of iodine, hydrogen iodine and oxides of sodium.

**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): Dust respirator

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): NA

% Volatile/ volume: 0

Solubility: 80 g/L

*Description/odor:* White powder with no odor.

Vapor Density: (Air = 1): ND

pH, Neat: ND

Vapor Pressure: ND

Evaporation Rate: ND

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

◆ Effects of acute exposure to product: Irritating to eyes, skin and respiratory tract.

◆ Effects of chronic exposure to product: Prolonged contact may cause dermatitis.

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

NOT DETERMINED.....

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

Large spills cannot occur because of packaging. Keep away from combustibles and oxidizable materials. Sweep up and collect in plastic container using non-sparking tools. Close and label "oxidizer". If spill is wet, cover with dry lime, sand or soda ash and then sweep up material. Wash spill site after material pickup is complete. Dispose of contaminated material in accordance to local, state and federal regulations. Do not release to open, public waters.

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

Hazardous according to Table 49 CFR 172.101: **OXIDIZING SOLID, N.O.S., (Sodium Periodate), 5.1, UN1479, III.**

**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.