



HAZARD RATINGS

Health: 3
 Flammability: 0
 Reactivity: 1
 Personal Protection: B

MATERIAL SAFETY DATA SHEET

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-140

Product VOC: NA

Manufactured For: Sundry Tech, Inc.

P.O. Box 427

Frederick, PA 19435

Product Identification #(PIF): 1480

Emergency Telephone #: 1-800-255-3924

General Information #: 610-7547283

Prepared by: Sonya Lockhart

Date Prepared: November 8, 2005

SECTION II. HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Periodic Acid	10450-60-9	NE	NE	NE	29
2. Decylphenoxybenzenedisulfonic, AC, NA SLT	36445-71-3	NE	NE	NE	5

SECTION III. HEALTH HAZARD INFORMATION

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

◆ *Effects of overexposure:*

-Eye Contact: Corrosive. Causes burns. Can injure eye tissue and even cause blindness.

-Skin Contact: Corrosive. Causes burns.

-Inhalation: May cause severe respiratory tract irritation with possible burns.

-Ingestion: May cause irritation to the entire gastrointestinal tract and burns.

SECTION IV. EMERGENCY FIRST AID

◆ *Eyes:* Flush well with water for at least 15 minutes. Get medical help immediately.

◆ *Skin:* Wash well with soap and water. If irritation persists, get medical help.

◆ *Inhalation:* Move to fresh air.

◆ *Ingestion:* Drink lots of water to dilute. Contact a physician, medical facility or poison control for advice on whether to induce vomiting. Get medical help immediately.

SECTION V. FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE

Means of extinction: Water spray

Autoignition Temperature: NA

Hazardous combustion products: Iodine and hydrogen iodide (toxic), sulfur oxides and nitrogen compounds.

◆ *Special Fire Fighting Procedures:* Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Strong oxidizer.

◆ *Unusual Fire Fighting Hazard:* Contact with other materials may cause fire. Emits toxic fumes under fire conditions.

Flash Point: NA

Upper Flammability Limit (% by volume): NA

Lower Flammability Limit (% by volume): NA

SECTION VI.**REACTIVITY DATA**

Chemical stability: Stable (will darken when exposed to light)

Hazardous polymerization: Will not occur.

Incompatibility with other substances: Strong reducing agents, finely powder metals, aluminum, strong bases, dimethyl sulfoxide.

Conditions to Avoid: Avoid storing near sources of heat or direct sunlight. Avoid storing in poorly ventilated areas. Solutions of periodic acid in methyl sulfoxide (DMSO) have been reported to explode after standing a few minutes.

Hazardous decomposition products: Iodine and hydrogen iodide (toxic), sulfur oxides and nitrogen compounds.

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: Gloves and eye protection.

Gloves (specify): Chemical resistant

Respirator (specify): Vapor respirator, if ventilation is inadequate

Eye (specify): Safety glasses or goggles

Footwear (specify): NA

Clothing (specify): Normal materials handling clothing

Other: Always provide adequate ventilation.

Safety shower/eyewash in immediate area.

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

Vapor Density: (Air = 1): ND

Specific Gravity, (water + 1.0): 1.265

pH, Neat: <1.5

% Volatile/ volume: 64.3%

Vapor Pressure: ND

Solubility: Complete

Evaporation Rate: ND

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

SECTION XI.**TOXICOLOGICAL INFORMATION**

◆ Effects of acute exposure to product: Corrosive to eyes and skin, causes burns.

◆ Effects of chronic exposure to product: Repeated overexposure may led to dermatitis.

SECTION XII.**ECOLOGICAL INFORMATION**

NOT DETERMINED.....

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

Large spills cannot occur because of packaging. Dam up spills with inert material and neutralize with mild alkali such as lime. Neutralized 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**

Hazardous according to Table 49 CFR 172.101: **OXIDIZING LIQUID, CORROSIVE, N.O.S., (Periodic Acid), 5.1, UN3098, II, (8).**

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

SECTION 302: Not listed

SECTION 311: Acute and Chronic Health and Reactivity Hazard

SECTION 312: Acute and Chronic Health and Reactivity Hazard

SECTION 313: Not listed

CERCLA: This product is not reportable.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D003 (Reactive).

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.