



MATERIAL SAFETY DATA SHEET

HAZARD RATINGS

Health: 2
 Flammability: 2
 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: PSO
 Product VOC: 100%
 Manufactured For: Sundry Tech
 PO Box 427
 Frederick, PA 19435

Product Identification #(PIF): 1482
 Emergency Telephone #: 1-800-255-3924
 General Information #: 610-754-7283
 Prepared by: Sonya Lockhart
 Date Prepared: November 3, 2005

SECTION II.

HAZARDOUS INGREDIENTS

| | CAS # | OSHA/PEL | TLV | STEL | max. % | |
|--|------------|----------|---------|---------|---------|----|
| 1. Propylene glycol monomethyl ether acetate | 108-65-6 | 100 ppm | 100 ppm | 100 ppm | 150 ppm | 29 |
| 2. Terpene Hydrocarbon | 5989-27-5 | NE | NE | NE | NE | 23 |
| 3. Dipropyleneglycol methyl ether | 34590-94-8 | NE | 100 ppm | 100 ppm | 150 ppm | 22 |
| 4. Diacetone alcohol | 123-42-2 | 50 ppm | 50 ppm | 50 ppm | NE | 17 |
| 5. Isobutyl isobutyrate | 97-85-8 | NE | NE | NE | NE | 16 |

SECTION III.

HEALTH HAZARD INFORMATION

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

◆ *Effects of overexposure:*

- Eye Contact: Liquid may cause mild eye irritation with redness, pain and tearing.
- Skin Contact: Causes defatting of the skin which can lead to irritation and dermatitis.
- Inhalation: Breathing large amounts may be harmful. High vapor concentrations may result in CNS depression.
- Ingestion: Swallowing large amounts may be harmful.

SECTION IV.

EMERGENCY FIRST AID

- ◆ *Eyes:* Flush well with water for at least 15 minutes. Seek medical attention if irritation persists.
- ◆ *Skin:* Wash with soap and water. Seek medical attention if irritation persists.
- ◆ *Inhalation:* Move to fresh air.
- ◆ *Ingestion:* Drink lots of water to dilute. Call physician, medical facility or poison control for advice on whether to induce vomiting.

SECTION V.

FIRE & EXPLOSION DATA

Flammability: COMBUSTIBLE
 Means of extinction: Alcohol foam, dry chemicals, CO₂.
 Autoignition Temperature: ND
 Hazardous combustion products: Carbon monoxide, carbon dioxide and acetone.
 Flash Point: 110° F
 Upper Flammability Limit (% by volume): ND
 Lower Flammability Limit (% by volume): ND
 ◆ *Special Fire Fighting Procedures:* Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
 ◆ *Unusual Fire Fighting Hazard:* Combustible liquid, keep away from heat and open flames. Vapors are heavier than air and may travel along the ground to an ignition source.

SECTION VI.**REACTIVITY DATA**

Chemical stability: Stable

Hazardous polymerization: Will not occur.

Incompatibility with other substances: Strong oxidizing agents and acidic agents including acidic clays, alkalis, peroxides, halogens, vinyl chloride, and iodine pentafluoride.

Reactivity, and under what conditions? Combustible, avoid heat, flame and spark. Violently reacts with strong acids to release large amounts of heat.

Hazardous decomposition products: Carbon dioxide, carbon monoxide and acetone.

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. Keep out of reach of children.

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

Personal protective equipment: Use rubber gloves and eye protection.

Gloves (specify): Chemical resistant gloves

Respirator (specify): NIOSH, if ventilation inadequate.

Eye (specify): Chemical resistant eye ware

Footwear (specify): Chemical resistant shoes

Clothing (specify): Normal materials handling clothing.

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

Vapor Density: (Air = 1): ND

Specific Gravity, (water + 1.0): 0.912

pH, Neat: ND

% Volatile/ volume: 100%

Vapor Pressure: ND

Solubility: Dispersable

Evaporation Rate: slower than butyl acetate

Description/odor: Clear colorless to tint liquid with citrus odor.

SECTION XI.**TOXICOLOGICAL INFORMATION**

◆ Effects of acute exposure to product: Liquid and vapor irritating to eyes, skin and respiratory tract.

◆ Effects of chronic exposure to product: Prolonged skin contact may result in dermatitis.

SECTION XII.**ECOLOGICAL INFORMATION**

Isobutyl Isobutyrate: 96hr LC-50 (fathead minnow): 12.54 mg/l, 48 hr EC-50 (daphnid): 55.8 mg/l

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

Large spills cannot occur because of packaging. Eliminate all ignition sources. Material should be soaked onto absorbent and shoveled into metal 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: **COMBUSTIBLE LIQUID, N.O.S. (Isobutyl Isobutyrate, 1-Methoxy-2-Acetoxypropane, Terpene Hydrocarbon, Diacetone Alcohol), COMBUSTIBLE LIQUID, UN 1993, III.**

Combustible Liquid: This material is not regulated under 49 CFR if in a container of 119 gallon capacity or less.

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

SECTION 302: Not listed

SECTION 311: Immediate and Delayed Health and Fire hazard

SECTION 312: Immediate and Delayed Health and Fire hazard

SECTION 313: Not listed

CERCLA: Not Reportable.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22).

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.