



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: PW-R
 Product VOC: 100%
 Manufactured For: Sundry Tech.
 P.O. Box 427
 Frederick, PA 19435

Product Identification #(PIF): 1479
 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. %
1. Ethylene glycol monopropyl ether	2807-30-9	ND	ND	ND	40
2. Diacetone alcohol	123-42-2	50 ppm	50 ppm	ND	37
3. Dipropylenglycol methyl ether	34590-94-8	NE	100 ppm	150 ppm	15
4. Propylene glycol monomethyl ether	107-98-2	100 ppm	100 ppm	150 ppm	15

SECTION III. HEALTH HAZARD INFORMATION

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

◆ *Effects of overexposure:*

- Eye Contact: Liquid may cause eye irritation with redness, pain and tearing.
- Skin Contact: Causes defatting of the skin which can lead to irritation and dermatitis.
- Inhalation: Vapors may cause irritation to nose, throat, and respiratory tract. High vapor concentrations may result in CNS depression.
- Ingestion: May cause diarrhea, nausea and vomiting, irritation of mouth and throat, and CNS depression.

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, **DO NOT INDUCE VOMITING.** Get medical help.

SECTION V. FIRE & EXPLOSION DATA

Flammability: COMBUSTIBLE
 Means of extinction: Water spray, dry chemicals, CO₂.
 Autoignition Temperature: ND
 Hazardous combustion products: Carbon monoxide and carbon dioxide.
 ◆ *Special Fire Fighting Procedures:* Firefighters should wear full face, self-contained breathing apparatus and impervious protective clothing.
 ◆ *Unusual Fire Fighting Hazard:* Combustible. Forms peroxides of unknown stability.

Flash Point: 120° F
 Upper Flammability Limit (% by volume): ND
 Lower Flammability Limit (% by volume): ND

SECTION VI. REACTIVITY DATA

Chemical stability: Stable
 Hazardous polymerization: Will not occur.
 Incompatibility with other substances: Strong oxidizing agents, inorganic bases and inorganic acids.
 Conditions to avoid: Heat, static electricity, sparks and flames.
 Hazardous decomposition products: Carbon dioxide and carbon monoxide.

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): NA

Eye (specify): Chemical resistant eye ware

Footwear (specify): Chemical resistant shoes

Clothing (specify): Normal materials handling clothing.

Other: NONE

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): 0.925

pH, Neat: NA

% Volatile/ volume: 100%

Vapor Pressure: ND

Solubility: Complete

Evaporation Rate: slower than butyl acetate

Description/odor: Clear, colorless liquid with cherry 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 lead to dermatitis and CNS depression.

SECTION XII.**ECOLOGICAL INFORMATION**

Ethylene glycol monopropyl ether: 96hr. LC-50 (fathead minnow) = >91.3 mg/l, 96 hr. LC-50 (daphnid) = >91.3 mg/l

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

Large spills cannot occur because of packaging. 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. (Ethylene Glycol Monopropyl Ether, Diacetone Alcohol, Dipropylene Glycol Monomethyl Ether, 1-Methoxy-2-Propanol), 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.