



# MATERIAL SAFETY DATA SHEET

## 1. Chemical Product and Company Identification

**Product Name:** eXpoxy™ Presaturated Wipes; #MCC-EPXW; #MCC-EPXG; #MCC-EPXP; #MCC-EPXD

**Chemical Family:** A blend of alkoxypropanols saturated into a synthetic fabric wipe.

**Packaged By:** MicroCare Corp., 595 John Downey Drive, New Britain, CT 06051 USA CAGE/FSCM: OATV9

**Emergency Telephone:** CHEMTREC (800) 424-9300

## 2. Composition/Information on Ingredients

### Active Ingredients

Chemical Name	Wt.%Range	TLV Units
1-Methoxy-2-Propanol CAS # 107-98-2	5.0-20.0	100 ppm
1-Ethoxy-2-Propanol CAS #1569-02-4	20.0-50.0	None established
1-Proxoy-2-Propanol CAS #1569-01-3	20.0-50.0	None established

All components of this material are listed on the TSCA inventory.

## 3. Hazard Identification

**Emergency Overview:** Combustible Liquid per 49 CFR 173.150 (f). Colorless liquid with mild odor. Liquid will irritate eyes and skin under repeated or prolonged exposure. Product vapors can be moved by air currents and ignited by pilot lights, other flames, sparks, heaters, electrical equipment, static discharges or other ignition sources distant from product handling point. Keep away from children.

### Potential Health Effects

**Eyes:** Vapor contact: May cause irritation with discomfort, tearing or blurring of vision. Liquid contact: Will irritate eyes with possible corneal injury. Persons wearing contact lenses should wear chemical protective safety glasses when exposed to this product.

**Skin:** Contact for several hours can cause local redness, defatting of skin leading to dryness and cracking of skin. This material may aggravate existing dermatitis.

**Ingestion:** Can cause severe irritation of the gastrointestinal tract with nausea, vomiting, abdominal cramps, diarrhea, dizziness, headache, weakness, drowsiness and unconsciousness. Possible kidney and liver injury may also occur. Aspiration into the lungs during ingestion or vomiting may cause lung damage.

**Inhalation:** At low concentration levels: may cause mild irritation to nose and throat with coughing, discomfort and shortness of breath.

**Medical Conditions Aggravated by Exposure:** Preexisting disease of the heart, lungs, skin and eyes.

## 4. First Aid Measures

**Eyes:** Immediately flush with water. Remove any contact lenses and continue flushing for 15 minutes, lifting eyelids occasionally until no evidence of the chemical remains. If irritation develops or persists call a physician.

**Skin:** Wash promptly with soap and water. Remove and wash contaminated clothing and shoes before reuse.

**Ingestion:** If conscious, immediately give 2-4 glasses of water. Do not induce vomiting. Do not give stimulants. Never give anything by mouth to an unconscious person. Call a physician.

**Note to physicians:** Activated charcoal slurry may be administered. To prepare activated charcoal slurry, suspend 50 grams activated charcoal in 400 mL of water and mix thoroughly. Administer 5 mL/kg, or 350 mL for average adult. There is no specific antidote to overexposure. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Immediate medical attention for acute overexposure is required.

**Inhalation:** Remove to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do not give Epinephrine. Call a physician.

## 5. Firefighting Measures

**Flash Point:** 106° F / 41° C, Tag Closed Cup, ASTM-D-56.

**Flammable Limits in Air:** Not established

**Extinguishing Media:** Use dry chemical, "alcohol" foam, CO<sub>2</sub>; water may be ineffective, but water should be used to keep fire exposed containers cool. If a spill or leak has not ignited, use water spray to disperse vapors and protect persons attempting to stop leak. Water may be used to flush spills away from exposures and to dilute spills to nonflammable mixtures.

**Special Firefighting Procedures:** Evacuate personnel. Wear self contained breathing apparatus (SCBA) and full protective equipment. Keep containers cool.

## 6. Accidental Release Measures

**Spill or Leak:** Evacuate area, absorb spilled liquid with commercial, nonflammable absorbent i.e. sand, vermiculite. Remove unprotected personnel. Protected personnel should remove ignition sources and shut off fire sources. Provide ventilation. Shovel (spark proof) absorbent material into drums and close. Do not flush to sewer.

## 7. Handling and Storage

Avoid breathing vapors or mist. Use only with adequate ventilation. Avoid repeated or prolonged contact with eyes, skin or clothing. Wash thoroughly after handling. Do not store in direct sunlight. Store in cool dry place, away from heat, sparks or flames which may generate toxic decomposition products. Vapors are heavy and may concentrate in low poorly ventilated areas.

## 8. Exposure Controls/Personal Protection

**Respiratory Protection:** Use only with adequate ventilation. Keep container tightly closed. Use approved NIOSH self-contained or supplied air respirators for emergencies and in situations where air may be displaced by vapors.

**Eye Protection:** Use chemical protective safety glasses.

**Protective Clothing:** Where there is potential for skin contact, use appropriate impervious gloves, apron, pants and jacket.

**NFPA, NPCA-HIMIS RATING:**

Health	0
Flammability	2
Reactivity	0

Personal Protection rating to be supplied by user depending on use conditions.

**9. Physical and Chemical Properties**

<b>Physical Form:</b>	Clear colorless liquid
<b>Odor:</b>	Mild alcohol-like
<b>Boiling Point:</b>	248-302° C / 120-150° F
<b>pH:</b>	Not determined
<b>Solubility in Water:</b>	Complete
<b>Specific Gravity:</b>	.88 @ 15° C / 60° F
<b>% Volatile by Weight:</b>	100
<b>Vapor Pressure:</b>	6.2 mbar
<b>Vapor Density (air=1):</b>	4.0

**10. Reactivity**

**Chemical Stability:** Material is stable.

**Hazardous Polymerization:** Will not occur.

**Incompatibilities:** Avoid concentrated nitric and sulfuric acids, strong oxidizers, aldehydes, acetyl chloride.

**Decomposition Products:** Burning may produce carbon monoxide and/or carbon dioxide.

**11. Toxicological Information**

**Carcinogenicity:** None of the components present in Expoxy Presaturated Wipes are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

**12. Ecological Information**

This material is not expected to be toxic to aquatic life.

**13. Disposal Considerations**

**Waste Disposal:** Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

**14. Transportation Information****Transport for Expoxy Presaturated Wipes:**

Ground Transport: Consumer Commodity ORM-D

**Transport for Expoxy Liquid Packaging:**

Ground Transport: Liquid Cleaning Compound N.O.S. Not D.O.T. Regulated per 49 CFR 173.150 (f)

Air Transport: Flammable Liquid N.O.S. (1-propoxy-2-propanol), Class 3, Pkg. Group III, UN1993, Pkg. Instr. 309 Hazard Label: Flammable Liquid

**15. Regulatory Information**

**Section 313 Supplier Information:** This material contains the following toxic chemicals subject to the emergency reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40 CFR 372:

CAS#	Chemical Name	% by Weight
	none	

*This information must be included in all MSDSs that are copied and distributed for this material.*

**Title III Hazard Communications Sections 311, 312**

Acute	Yes
Chronic	Yes
Fire	Yes
Reactivity	No

**16. Other Information**

For additional information, contact Tech Support at MicroCare: Telephone (860) 827-0626 or email: techsupport@microcare.com