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## MATERIAL SAFETY DATA SHEET

REVISION DATE: 08/04/2006 REVISION NUMBER: 6  
DATE PRINTED: 03/05/2007 PREPARED BY: EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **ULTRA STRIP**  
PRODUCT CODE: 118083

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 3/2 Fire: 0/0  
Reactivity: 0/0 Special/Protective Equipment: ALK/C

### 2. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

**INGESTION:** May be harmful if swallowed. Causes vomiting, nausea, and diarrhea. May cause burns to mucous membranes of mouth, throat, and digestive tract.  
**SKIN CONTACT:** Prolonged contact causes severe burns which may not be immediately painful or visible.  
**INHALATION:** Mists or vapors may cause nose and respiratory irritation, headache, nausea, dizziness. Possible tissue damage.  
**EYE CONTACT:** May cause blindness. Causes severe eye burns. May cause permanent eye damage.  
**CHRONIC EFFECTS:** Dermatitis. Possible respiratory damage from inhalation of dust or mist.  
**EFFECTS/CARCINOGENICITY:** None listed under OSHA, IARC, or NTP.  
**ROUTES OF ENTRY:** Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Ethylene glycol butyl ether 111-76-2	5 - 10	20 ppm	240 mg/m <sup>3</sup> 50 ppm
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	NA	NA
Ethanolamine 141-43-5	1 - 5	3 ppm	3 ppm 6 mg/m <sup>3</sup>
Ethylene glycol phenyl ether 122-99-6	1 - 5	NA	NA

### 4. FIRST AID MEASURES

**INGESTION:** DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Get immediate medical attention. Never give anything by mouth to an unconscious person.  
**SKIN:** Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Continue rinsing until "slippery" feeling is gone. Get medical attention if irritation or burns develop.  
**INHALATION:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.  
**EYES:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.  
**NOTES TO PHYSICIAN:** None.

### 5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): None (C): NA  
METHOD: TCC

# ULTRA STRIP

## FLAMMABLE LIMITS IN AIR

- LOWER (%): None  
- UPPER (%): None

**SENSITIVITY TO MECHANICAL IMPACT(Y/N):**

NO

**SENSITIVITY TO STATIC DISCHARGE:**

Sensitivity to static discharge is not expected.

**SUITABLE EXTINGUISHING MEDIA:**

As appropriate for surrounding fire-product is mostly water and will not burn.

**FIRE FIGHTING PROCEDURES:**

Corrosive material. Avoid exposure to mist and splashes. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

### SPILL PROCEDURES:

**SMALL SPILLS:** Rinse down drain.

**LARGE SPILLS:** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

**PERSONAL PRECAUTIONS:** NA

**ENVIRONMENTAL PRECAUTIONS:** NA

**METHODS FOR CLEANING UP:** NA

## 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN  
IN HANDLING AND STORAGE:**

**DANGER:** Concentrated, corrosive liquid. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store in a cool, dry area. Store in a well ventilated area. Store only in original container and keep closed. Keep from freezing.

**OTHER PRECAUTIONS:**

Do not reuse container. Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Read and follow label instructions.

**SPECIFIC USE(S):**

NA

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**PROTECTIVE EQUIPMENT:**



**EXPOSURE CONTROLS:**

Use in a well ventilated area.

**RESPIRATORY PROTECTION:**

Not normally required. If mist or vapors in air exceed exposure limit, use NIOSH approved organic vapor respirator.

**PROTECTIVE GLOVES:**

Rubber or plastic gloves recommended to minimize skin contact.

**EYE PROTECTION:**

Goggles. Face shield.

**OTHER PERSONAL PROTECTION  
EQUIPMENT:**

Rubber boots. Appropriate protective clothing as needed to prevent skin contact. Eyewash fountains and safety showers must be easily accessible.

**VENTILATION:**

General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:**

Clear. Light yellow liquid. Mild odor.

**BOILING POINT (F):**

212 F

(C) NA

**VAPOR PRESSURE:**

15.7 mm Hg @ 22.2 C

**VAPOR DENSITY (AIR=1):**

0.625

**SOLUBILITY IN WATER:**

NA

**SPECIFIC GRAVITY:**

1.02 - 1.04

**VOC Content (%):**

NE

**VOV Content (%):**

NE

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

EVAPORATION RATE: (BuAc = 1) : 1.26  
PH: 11.8 - 12.8 (10%)

## 10. STABILITY AND REACTIVITY

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.  
**HAZARDOUS DECOMPOSITION:** If evaporated to dryness, as in a fire, may release: Soot. Smoke. Carbon Monoxide. Oxides of Sulfur. Oxides of Nitrogen.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Neutralizes active ingredients and may release acid fumes. Avoid contact with aluminum, zinc, other soft metals or galvanized metals. Do not mix with acidic materials. Reaction will generate hydrogen gas. This gas is flammable and/or explosive in presence of ignition source.  
**CONDITIONS/HAZARDS TO AVOID:** None.

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** NE  
**EFFECTS OF CHRONIC EXPOSURE:** NE  
**OTHER TOXIC EFFECTS:** NE

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** No data at this time  
**CHEMICAL FATE INFORMATION:** No data at this time.  
**MOBILITY:** NA  
**PERSISTENCE/DEGRADABILITY:** NA  
**BIOACCUMULATIVE POTENTIAL:** NA  
**OTHER ADVERSE EFFECTS:** NA

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** Dispose in accordance with Federal, State and Local regulations.

## 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

## 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Ethylene glycol butyl ether 111-76-2	5 - 10	Listed	Listed	Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed	Listed	Listed	Not Listed
Ethanolamine 141-43-5	1 - 5	Listed	Listed	Listed	Not Listed
Ethylene glycol phenyl ether 122-99-6	1 - 5	Listed	Listed	Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Ethylene glycol butyl ether 111-76-2	5 - 10	Not Listed	Not Listed	Listed
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	1000 lb 454 kg	Not Listed	Not Listed
Ethanolamine 141-43-5	1 - 5	Not Listed	Not Listed	Not Listed
Ethylene glycol phenyl ether 122-99-6	1 - 5	Not Listed	Not Listed	Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Ethylene glycol butyl ether 111-76-2	5 - 10	Listed
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed
Ethanolamine 141-43-5	1 - 5	Listed
Ethylene glycol phenyl ether 122-99-6	1 - 5	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
Ethylene glycol butyl ether 111-76-2	5 - 10	Listed
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed
Ethanolamine 141-43-5	1 - 5	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
Ethylene glycol butyl ether 111-76-2	5 - 10	Listed
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed
Ethanolamine 141-43-5	1 - 5	Listed
Ethylene glycol phenyl ether 122-99-6	1 - 5	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
Ethylene glycol butyl ether 111-76-2	5 - 10	Listed
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed
Ethanolamine 141-43-5	1 - 5	Listed
Ethylene glycol phenyl ether 122-99-6	1 - 5	Listed

### 16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*