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## 1. IDENTIFICATION

### PRODUCT IDENTIFIER

**PRODUCT NAME** PREMIUM WAX STRIPPER

### OTHER MEANS OF IDENTIFICATION

**SDS Number** E-051

**UN/ID No** UN1760

**Recommended Uses** Cleaning agent

### SDS-SUPPLIER INFORMATION

**SUPPLIER ADDRESS** E-ZOIL Products, Inc.  
*DBA Emulso*  
2750 Kenmore Avenue  
Tonawanda, NY 14150

### EMERGENCY TELEPHONE NUMBER

**COMPANY PHONE NUMBER** (716) 854-2889

**COMPANY FAX NUMBER** (716) 854-2809

**24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)**

**NORTH AMERICA** 800-535-5053

**INTERNATIONAL** 352-323-3500

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

Skin corrosion/irritation Category 1 Sub-category B  
Serious eye damage/eye irritation Category 1

**SIGNAL WORD** Danger

### HAZARD STATEMENTS



**HAZARD STATEMENTS** 1. Causes severe skin burns and eye damage

**APPEARANCE** Liquid

**PHYSICAL STATE** Liquid

### PRECAUTIONARY STATEMENTS

**PREVENTION** Do not breathe dust/fume/gas/mist/vapors/spray  
Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

<b>RESPONSE</b>	Immediately call poison center or doctor/ physician.
<b>IF SWALLOWED</b>	Rinse mouth. Do NOT induce vomiting
<b>IF IN EYES</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician
<b>IF ON SKIN/HAIR</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse
<b>IF INHALED</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing Immediately call a poison center or doctor/physician
<b>IF EXPOSED/CONCERNED</b>	Get medical advice/ attention.
<b>STORAGE</b>	Store locked-up. Keep away from children.
<b>DISPOSAL</b>	Dispose of contents/container to an approved waste disposal plant.
<b>HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)</b>	May be harmful if swallowed
<b>OTHER INFORMATION</b>	Harmful to aquatic life with long lasting effects.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Monoethanolamine	141-43-5	5-10
Glycol Ether EB	111-76-2	1-10
Potassium hydroxide	1310-58-3	1-5
Tetrasodium EDTA	64-02-8	1-5
Ammonium Hydroxide	7664-41-7	<1

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST-AID MEASURES

#### DESCRIPTION OF FIRST AID MEASURES

<b>GENERAL ADVICE</b>	Provide this SDS to medical personnel for treatment.
<b>EYE CONTACT</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
<b>SKIN CONTACT</b>	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician. Wash contaminated clothing before reuse.

**INHALATION** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

**INGESTION** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

## POTENTIAL ACUTE HEALTH EFFECTS

*Most important symptoms and effects, both acute and delayed*

**SYMPTOMS** Causes severe skin burns and eye damage. May be harmful if swallowed.

**NOTES TO PHYSICIAN** Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**UNSUITABLE EXTINGUISHING MEDIA** None known

**SPECIFIC HAZARDS ARISING FROM CHEMICAL** Not determined

## PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/ NIOSH (approved and equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**PERSONAL PRECAUTIONS** Use personal protective equipment as required.  
**ENVIRONMENTAL PRECAUTIONS** See Section 12 for additional Ecological Information.

### METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

**CONTAMINATION** Prevent further leakage or spillage is safe to do so  
**CLEAN-UP** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**PROTECTIVE MEASURES** Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection.

### CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)



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**STORAGE CONDITIONS** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

**INCOMPATIBLE MATERIALS** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Monoethanolamine <b>141-43-5</b>	STEL: 6 ppm TWA: 3 ppm	TWA: 3 ppm TWA: 6 mg/m3 (vacated) TWA: 3 ppm (vacated) TWA: 8 mg/m3 (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m3	IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m3 STEL: 6 ppm STEL: 15 mg/m3
Potassium hydroxide <b>1310-58-3</b>	Ceiling: 2 mg/m3	(vacated) Ceiling: 2 mg/m3	Ceiling: 2 mg/m3
Ammonium Hydroxide <b>7664-41-7</b>	STEL: 35 ppm TWA: 25 ppm	TWA: 50 ppm TWA: 35 mg/m3 (vacated) STEL: 35 ppm (vacated) STEL: 27 mg/m3	IDLH: 300 ppm TWA: 25 ppm TWA: 18 mg/m3 STEL: 35 ppm STEL: 27 mg/m3

**ENGINEERING CONTROLS:** Apply technical measures to comply with the occupational exposure limits.

### INDIVIDUAL PROTECTION MEASURES

- EYE/FACE PROTECTION** Refer to 29 CFR 1910.133 for eye and face protection regulations.
- SKIN/BODY PROTECTION** Refer to 29 CFR 1910.138 for appropriate skin and body protection.
- RESPIRATORY PROTECTION** Refer to 29 CFR 1910.134 for respiratory protection requirements.
- GENERAL HYGIENE** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE</b>	Liquid
<b>APPERANCE</b>	According to product specification
<b>COLOR</b>	Not determined
<b>ODOR</b>	Not determined
<b>ODOR THRESHOLD</b>	Not determined
<b>pH</b>	Not determined
<b>MELTING POINT/FREEZING POINT</b>	Not determined
<b>BOILING POINT/BOILING RANGE</b>	Not determined
<b>FLASH POINT</b>	Not determined
<b>EVAPORATION RATE</b>	Not determined
<b>FLAMMABILITY (SOLID, GAS)</b>	Not determined
<b>UPPER FLAMMABILITY LIMITS</b>	Not determined
<b>LOWER FLAMMABILITY LIMITS</b>	Not determined
<b>VAPOR PRESSURE</b>	Not determined
<b>SPECIFIC GRAVITY</b>	Not determined

<b>RELATIVE DENSITY</b>	Not determined
<b>WATER SOLUBILITY</b>	Not determined
<b>PARTITION COEFFICIENT</b>	Not determined
<b>N-OCTANOL/ WATER</b>	Not determined
<b>AUTO-IGNITION TEMPERATURE</b>	Not determined
<b>DECOMPOSITION TEMPERATURE</b>	Not determined
<b>VISCOSITY</b>	Not determined

## 10. STABILITY AND REACTIVITY

<b>REACTIVITY</b>	Not reactive under normal conditions
<b>CHEMICAL STABILITY</b>	Stable under recommended storage conditions
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	None under normal processing
<b>CONDITIONS TO AVOID</b>	Keep out of reach of children
<b>INCOMPATIBLE MATERIALS</b>	None known based on information supplied.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

*Information on likely routes of exposure.*

<b>EYE CONTACT</b>	Causes severe eye damage.
<b>SKIN CONTACT</b>	Causes severe skin burns.
<b>INHALATION</b>	Do not inhale.
<b>INGESTION</b>	May be harmful if swallowed.

### COMPONENT INFORMATION

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
D-Sodium Silicate Solution <b>1344-09-8</b>	= 1153 mg/kg ( Rat )	> 4640 mg/kg ( Rabbit )	-
Monoethanolamine 141-43-5	= 1720 mg/kg ( Rat )	= 1 mL/kg ( Rabbit ) = 1000 mg/kg	= 1720 mg/kg ( Rat )
Potassium hydroxide <b>1310-58-3</b>	= 284 mg/kg ( Rat )	-	-
Tetrasodium EDTA 64-02-8	= 1658 mg/kg ( Rat ) = 10 g/kg ( Rat )	-	-
Sodium xylenesulfonate <b>1300-72-7</b>	= 1000 mg/kg ( Rat )	-	-
Ammonium Hydroxide <b>7664-41-7</b>	= 350 mg/kg ( Rat )	-	= 2000 ppm ( Rat ) 4 h
Sodium Glycolate <b>2836-32-0</b>	= 7110 mg/kg ( Rat )	-	-

**SYMPTOMS** Please see section 4 of this SDS for symptoms.

**CARCINOGENICITY** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**NUMERICAL MEASURES OF TOXICITY-PRODUCT** Not determined.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY** Harmful to aquatic life with long lasting effects.

CHEMICAL NAME	ALGAE/ AQUATIC PLANTS	FISH	TOXIC TO MICROORGANISMS	CRUSTACEA
D-Sodium Silicate Solution <b>1344-09-8</b>	-	301 - 478: 96 h Lepomis macrochirus mg/L LC50 3185: 96 h Brachydanio rerio mg/L LC50 semi-static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static	-	216: 96 h Daphnia magna mg/L EC50
Monoethanolamine <b>141-43-5</b>	15: 72 h Desmodesmus subspicatus mg/L EC50	3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 227: 96 h Pimephales promelas mg/L LC50 flow-through	-	65: 48 h Daphnia magna mg/L EC50
Potassium hydroxide <b>1310-58-3</b>	-	80: 96 h Gambusia affinis mg/L LC50 static 41: 96 h Lepomis macrochirus mg/L LC50 static	-	-
Tetrasodium EDTA <b>64-02-8</b>	1.01: 72 h Desmodesmus subspicatus mg/L EC50	59.8: 96 h Pimephales promelas mg/L LC50 static 0.44: 96 h Cyprinus carpio mg/L LC50 0.26 - 4.6: 96 h Lepomis macrochirus mg/L LC50 1.19: 96 h Poecilia reticulata mg/L LC50 static	-	610: 24 h Daphnia magna mg/L EC50
Ammonium Hydroxide <b>7664-41-7</b>	-	5.9: 96 h Pimephales promelas mg/L LC50 static 1.5: 96 h Poecilia reticulata mg/L LC50 0.73 - 2.35: 96 h Pimephales promelas mg/L LC50 1.17: 96 h Lepomis macrochirus mg/L LC50 flow-through	-	25.4: 48 h Daphnia magna mg/L LC50

**PERSISTENCE AND DEGRADABILITY** Not determined  
**BIOACCUMULATION** Not determined

### MOBILITY

Chemical Name	Partition Coefficient
Monoethanolamine <b>141-43-5</b>	-1.91
Glycol Ether EB <b>111-76-2</b>	0.81
Potassium hydroxide <b>1310-58-3</b>	0.65 0.83
Ammonium Hydroxide <b>7664-41-7</b>	-1.14
<b>OTHER ADVERSE EFFECTS</b> Not determined	

## 13. DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS

<b>WASTE DISPOSAL</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>CONTAMINATED PACKAGING</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

### CHEMICAL NAME CALIFORNIA HAZARDOUS WASTE STATUS

Potassium hydroxide	Toxic
<b>1310-58-3</b>	Corrosive

## 14. TRANSPORT INFORMATION

### DOT

<b>UN/ID No</b>	UN1760
<b>Proper Shipping Name</b>	Corrosive Liquid, n.o.s. (Ethanolamine)
<b>Hazard Class</b>	8
<b>Packing Group</b>	II

### IATA

<b>UN/ID No</b>	UN1760
<b>Proper Shipping Name</b>	Corrosive Liquid, n.o.s. (Ethanolamine)
<b>Hazard Class</b>	8
<b>Packing Group</b>	II

### IMDG

<b>UN/ID No</b>	UN1760
<b>Proper Shipping Name</b>	Corrosive Liquid, n.o.s. (Ethanolamine)
<b>Hazard Class</b>	8
<b>Packing Group</b>	II

**Marine Pollutant** This material may meet the definition of a marine pollutant.



## 15. REGULATORY INFORMATION

### INTERNATIONAL INVENTORIES

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Monoethanolamine	Present	X		Present		Present	X	Present	X	X
Potassium hydroxide	Present	X		Present		Present	X	Present	X	X
Tetrasodium EDTA	Present	X		Present		Present	X	Present	X	X
Ammonium Hydroxide	Present	X		Present		Present	X	Present	X	X

### LEGEND

**TSCA** United States Toxic Substances Control Act Section 8(B) Inventory

**DSL/NDSL** Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** European Inventory of Existing/Notified Chemical Substances

**ENCS** Japan Existing and New Chemical Substances

**IECSC** China Inventory of Existing Chemical Substances

**KECL** Korean Existing and Evaluated Chemical Substances

**PICCS** Philippines Inventory of Chemicals and Chemical Substances

## U.S. FEDERAL REGULATIONS

### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Potassium hydroxide <b>1310-58-3</b>	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Ammonium Hydroxide <b>7664-41-7</b>	100 lb	<b>100 lb</b>	RQ 100 lb final RQ RQ 45.4 kg final RQ

### SARA 313/312 HAZARD CATEGORIES

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### CLEAN WATER ACT (CWA)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Potassium hydroxide	1000 lb			X
Ammonium Hydroxide	100 lb			X





**U.S. STATE REGULATIONS**

**U.S. STATE RIGHT-TO-KNOW REGULATIONS**

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
Monoethanolamine 141-43-5	X	X	X
Potassium hydroxide 1310-58-3	X	X	X
Ammonium Hydroxide 7664-41-7	X	X	X

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>HEALTH HAZARDS</b>	<b>FLAMMABILITY</b>	<b>INSTABILITY</b>	<b>SPECIAL HAZARDS</b>
	Not determined	Not determined	Not determined	Not determined
<b>HMIS</b>	<b>HEALTH HAZARDS</b>	<b>FLAMMABILITY</b>	<b>PHYSICAL HAZARDS</b>	<b>PERSONAL PROTECTION</b>
	Not determined	Not determined	Not determined	Not determined

**DISCLAIMER**

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**END OF SAFETY DATA SHEET**