1. IDENTIFICATION

Product Identifier
Product Name United 61 WAX STRIPPER

Other means of identification
SDS # UNITED-61
UN/ID No UN3266

Recommended use of the chemical and restrictions on use
Recommended Use Heavy Duty Cleaner Degreaser.

Details of the supplier of the safety data sheet
Supplier Address United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency Telephone Number
Company Phone Number 800-323-2594 (to reorder)
Emergency Telephone (24 hr) INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Yellow liquid
Physical State Liquid
Odor Strong amine odor

Classification

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

Signal Word
Danger

Hazard Statements
Causes severe skin burns and eye damage.
Suspected of causing cancer.
Precautionary Statements - Prevention
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash face, hands and any exposed skin thoroughly after handling.

Precautionary Statements - Response
Immediately call a poison center or doctor/physician.
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.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
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.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Precautionary Statements - Storage
Store locked up.

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Dipropylene Glycol Monomethyl Ether (DPM)</td>
<td>34590-94-8</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Sodium metasilicate</td>
<td>6834-92-0</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

**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

First Aid Measures

General Advice
Immediately call a poison center or doctor/physician.

Eye Contact
Immediately flush with plenty of water for up to 15 minutes. Hold eyelids open during flushing. Immediately call a poison center or doctor/physician.

Skin Contact
Flush area with water while removing contaminated clothing. Follow by washing with soap and water. If irritation persists, call a physician or poison control center.

Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Apply artificial respiration if needed. Immediately call a poison center or doctor/physician.

Ingestion
Rinse mouth. Do NOT induce vomiting. Contains potassium hydroxide, glycol ethers and strong alkalis. Give plenty of water. Never give anything by mouth to a person who is unconscious or convulsing. Consult a physician or poison control center immediately.

Most important symptoms and effects

Symptoms
Causes severe skin burns and eye damage. Blindness may occur. Vapors or mists may cause damage to the upper respiratory tract and to the lung tissue.
5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Carbon dioxide (CO2). Dry chemical. Water spray (fog). Foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical
In the presence of extreme heat, as in a fire, this product may react with active metals (e.g. aluminum, zinc, etc.) to release flammable hydrogen gas.

Hazardous Combustion Products When heated strongly, as in a fire, this product may produce carbon dioxide, carbon monoxide, and oxides of phosphorus.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. All containers should be cooled with water to prevent vapor pressure build up.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Small spills: Spills up to one gallon may be diluted with plenty of water and flushed to sewage drain. Rinse area thoroughly. Large spills: Dike spill and collect on suitable absorbent. Place in corrosion resistant containers for disposal. Rinse area thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Avoid contact with skin and eyes. Use with adequate ventilation. Avoid breathing vapors or mists.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store locked up. Keep container tightly closed. Store in a cool, dry, well-ventilated place. Store away from incompatible materials. Do not let the drums freeze as they may split or rupture.

Incompatible Materials Do not mix this product with other cleaning chemicals, especially strong acids and oxidizing agents such as bleach.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
</table>
| Monoethanolamine                           | STEL: 6 ppm
TWA: 3 ppm                             | TWA: 3 ppm
TWA: 6 mg/m³                            | IDLH: 30 ppm
TWA: 3 ppm
TWA: 8 mg/m³                              |                                |
|                                            |                                | (vacated) TWA: 3 ppm
(vacated) STEL: 6 ppm                   | (vacated) TWA: 8 mg/m³
(vacated) STEL: 15 mg/m³                |                                |
| Dipropylene Glycol Monomethyl Ether (DPM)  | STEL: 150 ppm
TWA: 100 ppm
S*                                          | TWA: 100 ppm
TWA: 600 mg/m³
(vacated) TWA: 100 ppm
(vacated) STEL: 150 ppm
(vacated) STEL: 900 mg/m³
(vacated) S*                               | IDLH: 600 ppm
TWA: 100 ppm
TWA: 600 mg/m³
STEL: 150 ppm
STEL: 900 mg/m³                            |                                |
| Potassium hydroxide                        | Ceiling: 2 mg/m³
(vacated) Ceiling: 2 mg/m³
S*                                            | Ceiling: 2 mg/m³                |                                |
| Sodium metasilicate                        | 2 mg/m³                        | 2 mg/m³                        |                                |
| Sodium Tripolyphosphate                    | 15 mg/m³                       | 15 mg/m³                       |                                |
| Diethanolamine                             | TWA: 1 mg/m³ inhalable fraction and vapor S* | (vacated) TWA: 3 ppm
(vacated) TWA: 15 mg/m³                   | TWA: 3 ppm
TWA: 15 mg/m³                              |                                |
| Sodium pyrophosphate                       | -                              | (vacated) TWA: 5 mg/m³          | TWA: 5 mg/m³                   |

Appropriate engineering controls

Engineering Controls
Mechanical ventilation recommended when handling in enclosed, tight spaces.

Individual protection measures, such as personal protective equipment

Eye/Face Protection
Safety goggles are recommended.

Skin and Body Protection
Chemical resistant gloves are recommended.

Respiratory Protection
Normally not required. Wear NIOSH approved respirator to avoid breathing mists.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td>Odor</td>
</tr>
<tr>
<td>Appearance</td>
<td>Yellow liquid</td>
<td>Odor Threshold</td>
</tr>
<tr>
<td>Color</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>13-14</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>100 °C / 212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>1 (Water = 1)</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Liquid- Not applicable</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>Not available</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
Hazardous polymerization does not occur.

Conditions to Avoid
Keep out of reach of children.

Incompatible Materials
Do not mix this product with other cleaning chemicals, especially strong acids and oxidizing agents such as bleach.

Hazardous Decomposition Products
When strongly heated, as in a fire, this product may produce oxides of carbon and phosphorus.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact
Causes severe eye damage.

Skin Contact
Causes severe skin burns.

Inhalation
Do not inhale.

Ingestion
Do not ingest.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monoethanolamine 141-43-5</td>
<td>= 1720 mg/kg (Rat)</td>
<td>= 1 mL/kg (Rabbit) = 1025 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8</td>
<td>= 5230 mg/kg (Rat)</td>
<td>= 9500 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Potassium hydroxide 1310-58-3</td>
<td>= 214 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium metasilicate 6834-92-0</td>
<td>= 600 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
### Chemical Name  | Oral LD50  | Dermal LD50 | Inhalation LC50 |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Tripolyphosphate</td>
<td>= 3100 mg/kg (Rat)</td>
<td>&gt; 7940 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Sodium xylenesulfonate</td>
<td>= 7200 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>= 10 g/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>= 620 µL/kg (Rat)</td>
<td>= 7640 µL/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Sodium pyrophosphate</td>
<td>&gt; 2000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium Sulfate</td>
<td>&gt; 10000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium Trimetaphosphate</td>
<td>-</td>
<td>&gt; 4640 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

**Information on physical, chemical and toxicological effects**

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

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation**
Causes severe skin burns.

**Serious eye damage/eye irritation**
Causes severe eye damage.

**Carcinogenicity**
Suspected of causing cancer.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethanolamine</td>
<td>A3</td>
<td>Group 2B</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

**Legend**
- **ACGIH (American Conference of Governmental Industrial Hygienists)**
  - A3 - Animal Carcinogen
- **IARC (International Agency for Research on Cancer)**
  - Group 2B - Possibly Carcinogenic to Humans
- **OSHA (Occupational Safety and Health Administration of the US Department of Labor)**
  - X - Present

**Numerical measures of toxicity**
Not determined

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
Not determined

**Persistence/Degradability**
Not determined

**Bioaccumulation**
Not determined

**Mobility**
Not determined

**Other Adverse Effects**
Not determined
13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes  
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging  
Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>Toxic</td>
</tr>
<tr>
<td>1310-58-3</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

Note  
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT  
- UN/ID No: UN3266
- Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (potassium hydroxide, ethanolamine)
- Hazard Class: 8
- Packing Group: III

IATA  
- UN/ID No: UN3266
- Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (potassium hydroxide, ethanolamine)
- Hazard Class: 8
- Packing Group: III

IMDG  
- UN/ID No: UN3266
- Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (potassium hydroxide, ethanolamine)
- Hazard Class: 8
- Packing Group: III

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL</th>
<th>DSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monoethanolamine</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dipropylene Glycol</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monomethyl Ether (DPM)</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium metasilicate</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
US Federal Regulations

**CERCLA**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/SARA RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethanolamine 111-42-2</td>
<td>100 lb</td>
<td>RQ 100 lb final RQ</td>
<td>RQ 45.4 kg final RQ</td>
</tr>
</tbody>
</table>

**SARA 313**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene Glycol Monomethyl Ether (DPM) - 34590-94-8</td>
<td>34590-94-8</td>
<td>7.76</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**CWA (Clean Water Act)**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>1000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

US State Regulations

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethanolamine - 111-42-2</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

**U.S. State Right-to-Know Regulations**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monoethanolamine 141-43-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Dipropylene Glycol Monomethyl Ether (DPM) - 34590-94-8</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Potassium hydroxide 1310-58-3</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Diethanolamine 111-42-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Sodium pyrophosphate 7722-88-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Sodium Sulfate 7757-82-6</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Sodium Trimetaphosphate 7785-84-4</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
## 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>N+P</td>
</tr>
</tbody>
</table>

**Issue Date:** 29-Aug-2011  
**Revision Date:** 04-Mar-2015  
**Revision Note:** New format

**Disclaimer**
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief 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**