1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name
United 74 ECOTRON

Other means of identification
SDS #
UNITED-74

Recommended use of the chemical and restrictions on use
Recommended Use
Caustic Liquid Drain Opener

Uses Advised Against
For industrial and institutional use only.

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

Classification

<table>
<thead>
<tr>
<th>Acute Toxicity-Oral</th>
<th>Category 5</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>
</tbody>
</table>

Signal Word
Danger

Hazard Statements
May be harmful if swallowed. May cause severe skin burns and eye damage.

Precautionary Statements - Prevention
Do not breathe dust/fume/gas/mist/vapors/spray. May cause severe skin burns if not rinsed off with soap and water. May cause eye damage if not rinsed out with copious amounts of water. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
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 and wash with soap and water. Wash contaminated clothing before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If still irritated 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 in accordance with local, state and federal rules and regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caustic Replacement</td>
<td>Proprietary</td>
<td>10-35</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**
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.

**Skin Contact**
Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

**Inhalation**
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If still irritated call a poison center or doctor/physician.

**Ingestion**
Rinse mouth. Do not induce vomiting.

**Most important symptoms and effects**

**Symptoms**
Not expected to present a significant hazard under anticipated conditions of normal use, unless splashed and touches eyes or skin. May cause severe skin burns and eye damage if splashes or touches eyes or skin.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**
Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

**Unsuitable Extinguishing Media**
Not determined.
Specific Hazards Arising from the Chemical
None known.

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

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. Use water spray or fog for cooling exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- **Personal Precautions**: Isolate from fire, if possible, without unnecessary risk.
- **Emergency responders**: Equipment clean-up crew with proper protection. Stop leak if safe to do so. Stop release. Ventilate area.

Methods and material for containment and cleaning up

- **Methods for Containment**: Contain release substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.
- **Methods for Clean-Up**: Dispose of in accordance with local, state and federal regulations. Does not reuse, puncture, or incinerate container.
- **Environmental precautions**: Avoid release to the environment. Prevent entry to sewers and public waters.

7. HANDLING AND STORAGE

Precautions for safe handling

- **Advice on Safe Handling**: 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. Do not get in eyes, on skin or on clothing.

Conditions for safe storage, including any incompatibilities

- **Storage Conditions**: Do not expose to direct sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Store in cool area. Meet legal requirements and comply with applicable regulations.
- **Incompatible Materials**: Strong acids or oxidizing agents.
- **Hygiene measures**: Wash thoroughly after handling. Wash contaminated clothing before reuse.

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>
<tbody>
<tr>
<td>Proprietary</td>
<td>Ceiling: 2 mg/m³</td>
<td>(vacated) Ceiling: 2 mg/m³</td>
<td>Ceiling: 2 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate engineering controls
Engineering Controls
Mechanical ventilation not normally required and local exhaust is generally adequate to
maintain airborne concentrations below OSHA PELs. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection
Safety goggles are recommended.

Skin and Body Protection
Chemical resistant gloves are recommended. Long shirt sleeves are recommended. Full
contact-Nitrile rubber. Splash contact-Nitrile rubber.

Respiratory Protection
Use with adequate ventilation and avoid breathing vapors.

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

Control of environmental exposure
Do not let product enter storm drains.

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></td>
</tr>
<tr>
<td>Appearance</td>
<td>Liquid</td>
<td>Odor</td>
</tr>
<tr>
<td>Color</td>
<td>Dark blue</td>
<td>Odorless</td>
</tr>
<tr>
<td>pH</td>
<td>&lt;13</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.17 g/ml</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>VOC Content</td>
<td>0%</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
Refer to Section 10 on Reactivity.

Conditions to Avoid
Incompatible Materials.
Incompatible Materials
Strong acids or oxidizing agents.

Hazardous Decomposition Products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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 Gastrointestinal complaints. 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>Proprietary</td>
<td>= 2051 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Information on physical, chemical and toxicological effects

Acute Toxicity Not classified
Skin Irritation Causes severe skin irritation/damage
Eye Irritation Causes severe eye irritation/damage
Skin/Respiratory Sensitization Not classified
Carcinogenicity Not classified
STOT-Single/Repeated Exposure Not classified
Aspiration hazard Not classified

12. ECOLOGICAL INFORMATION

Ecotoxicity No additional information available.

Persistence/Degradability No additional information available.

Bioaccumulation No additional information available.

Soil Mobility No additional information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

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

**DOT**
Not regulated.

**IATA**
Not regulated.

**IMDG**
Not regulated.

15. REGULATORY INFORMATION

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified 40 CFR §372.38(a) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**Superfund Amendments and Reauthorization Act of 1986**

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Delayed hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

**California Proposition 65**
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

**NFPA**

- Health Hazards: Not determined
- Flammability: Not determined
- Instability: Not determined

**HMIS**

- Health Hazards: 2
- Flammability: 0
- Physical Hazards: 0
- Personal Protection: N+P

**Issue Date:** 13-Oct-2015
**Revision Date:** 10-Jan-2018
**Revision Note:** Revised

**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 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