

Issue Date 10-June-2014

Revision Date 13-Oct-2015

Version 1

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

Company Name

United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency telephone number

Emergency Telephone 800-323-2594 (to reorder)
INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Eye Irritant

Category 2B

Label elements

Emergency Overview

Warning

Hazard statements

Causes eye irritation.

Prevention

Wash thoroughly after handling.

Response

Wash hands thoroughly after handling. If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in well-ventilated area.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Proprietary Caustic Replacement	Proprietary	10-30	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

If you feel unwell, seek medical advice (show the label where possible).

Skin Contact

Rinse skin with water/shower.

Eye contact

Rinse cautiously with water for several minutes. Remove contacts lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Inhalation

Remove person to fresh air.

Ingestion

Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed

Not expected to present a significant hazard under anticipated conditions of normal use. Symptoms after inhalation: none under normal use. After skin contact: Contact during a long period may cause light irritation. After eye contact: causes eye irritation and symptoms after ingestion: gastrointestinal complaints.

Indication of any immediate medical attention and special treatment needed

No additional information available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

All extinguishing media allowed.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical

Reactivity: Upon combustion: CO and CO2 are formed.

Protective equipment and precautions for firefighters

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water. Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: None known.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Isolate from fire, if possible, without unnecessary risk.
Non-emergency personnel	Protective goggles. Gloves. Protective clothing. Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.
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 and cleaning up	Contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.
Waste Disposal	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

Comply with the legal requirements. Do not handle until safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.

Hygiene measures

Wash thoroughly after handling. Wash contaminated clothing before reuse.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines <u>Appropriate engineering controls</u>	No Exposure limits noted for ingredient(s).
Engineering Controls	Safety glasses. Use appropriate personal protective equipment when risk assessment indicates this is necessary.
<u>Individual protection measures, such as personal protective equipment</u>	
Eye/face protection	Safety glasses are recommended.
Skin and body protection	Appropriate personal protective equipment, are recommended.

General Hygiene Always observe good personal hygiene measures. Such as washing hands immediately after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Color	Clear-colorless
Odor	Mild scent

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	>12	
Specific Gravity	1.12 g/ml	
Percent volatile	No information available.	
Viscosity	No Information available.	
Melting point/freezing point	No information available.	
Flash point	No information available.	
Boiling point and Boiling range	No information available.	
Evaporation rate	No information available.	
Flammability (solid, gas)	No information available.	
Upper flammability limit:	No information available.	
Lower flammability limit:	No information available.	
Vapor pressure	No information available.	
Vapor density	No information available.	
Water solubility	Soluble	
Solids (%)	No information available.	
Partition coefficient	No information available.	
Auto-ignition temperature	No information available.	
Decomposition temperature	No information available.	
Volatility including water VOC (weight %)	No information available. 0%	

10. STABILITY AND REACTIVITY

Reactivity

Upon combustion: CO and CO₂ are formed.

Chemical stability

No information available.

Possibility of Hazardous Reactions

Refer to Section 10 on Reactivity.

Conditions to avoid

No additional information available.

Incompatibility:

Strong acids.

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

Eyes, ingestion, and skin.

Product Information

Inhalation	None under normal use.
Eye contact	Causes irritation.
Skin Contact	Contact during a long period may cause light irritation.
Ingestion	Gastrointestinal complaints.

Information on toxicological effects

Acute toxicity	Not classified.
Skin Irritation	Not classified.
Eye irritation	Causes eye irritation.
Skin/Respiratory Sensitization	Not classified.
Carcinogenicity	Not classified.
STOT – single exposure	Not classified.
STOT – repeated exposure	Not classified.
Aspiration hazard	Not classified.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No additional information available.

Persistence and 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.
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14. TRANSPORT INFORMATION

DOT

Not regulated for transport.

IATA

No additional information available.

IMDG

No additional information available.

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

Acute health hazard	No
Delayed hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

California Proposition 65

This product does not contain a chemical known to the State of California to cause birth defects and other reproductive harm.

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 0	Flammability 0	Reactivity 0	Physical and Chemical Properties None
<u>HMIS</u>	Health hazards 0	Flammability 0	Reactivity 0	Personal protection B

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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