



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

PRODUCT NAME
UNITED 74 ECOTRON

USE/DESCRIPTION
Caustic Liquid Drain Opener

REVISION DATE
June 10, 2014

HMIS III HEALTH (0 = Maximum Safety) 0

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) 0

Susceptibility of Material to Burning.

4 Extremely flammable.	1 Must be preheated to burn.
3 Ignites at normal temperature.	0 Will not burn.
2 Ignites when moderately heated.	

PERSONAL PROTECTION: n & p



2. COMPOSITION/INFORMATION ON INGREDIENTS

In accordance with Federal Regulation 29 CFR 1910.1200, all materials in this product are considered non-hazardous.

3. HAZARDS IDENTIFICATION

Eyes: May cause eye irritation.

Skin: May cause skin irritation. Low hazard for usual industrial handling.

Inhalation: May cause respiratory tract irritation. Low hazard for usual industrial handling.

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation. Low hazard for usual industrial handling.

4. FIRST AID MEASURES

Eyes: Immediately flush eyes with large amounts of water for at least 15 minutes while holding upper and lower lids open to ensure flushing of the entire surface. If wearing contacts remove contacts after first 5 minutes. Call a physician if irritation persists.

Skin: Remove contaminated clothing. Wash exposed area with soap and water for at least 15 minutes. Launder clothes before reuse. Call a physician if rash or other symptoms develop.

Inhalation: Remove to fresh air, if symptoms persist, seek medical attention.

Ingestion: If ingested, may cause loose stools. DO NOT induce vomiting. Drink 2 to 3 glasses of water and immediately consult a physician.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): None

Explosive Limits: Lower (LEL): ND Upper (UEL): ND

Flame Projection (Aerosol): NA

Fire and Explosion Hazards: None

Extinguishing Media: Water fog; foam; Carbon Dioxide; Dry chemical.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Use water fog to cool fire-exposed containers. Evacuate area of unprotected personnel. Remain upwind of fire to avoid hazardous vapors and decomposition products.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Follow personal protective equipment recommendations found in section 8. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal. Rinse residue with water.

Large Spills: Follow personal protective equipment recommendations found in section 8. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal. Rinse residue with water.

7. HANDLING AND STORAGE

Keep containers tightly closed when not in use. Store in a cool, dry and well-ventilated area away from incompatible materials. Do not mix with other cleaning chemicals. Do not get into eyes, on skin, and on clothing. Use with adequate ventilation. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Chemical safety goggles are recommended.

Skin: Chemical resistant gloves are recommended.

Respiratory: None needed for proper use in accordance with label directions. Use a NIOSH/MSHA approved respirators where mist or vapor may be generated.

Engineering Controls: Provide adequate ventilation and provide local exhaust. Do not use in closed or confined space.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: ND

Specific Gravity: 1.17 (H₂O=1)

Vapor Pressure: ND

Melting Point: ND

Vapor Density: ND

Evaporation Rate: ND

Solubility in Water: Soluble

pH: > 13.4

Appearance and Odor: Clear colorless liquid with mild scent.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: Contact with some metals including aluminum, tin, and zinc may produce flammable hydrogen gas.

Chemical Stability: Stable under normal temperatures and pressures.

Incompatibility: Do not mix with acids, or strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

14. TRANSPORT INFORMATION

DOT- Land USA: Not regulated for transportation.

TDG: Available upon request

UN: Available upon request

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): None

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: None

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

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