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Version 3

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier**

**Product Name** United 577 ESA Urinal Line Renovator

**Other means of identification**

**SDS #** UNITED-577

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Urinal line renovator.

**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**

**Appearance** Yellow liquid

**Physical State** Liquid

**Odor** Light, fresh, botanical scent

**Classification**

Skin irritation	Category 2
Serious eye irritation	Category 2A
Acute Toxicity	Category 4

**Signal Word**

Warning

**Hazard Statements**

Can cause serious eye irritation. May be harmful if swallowed. Can cause skin irritation.



**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.

**Precautionary Statements - Response**

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. Immediately call a poison center or doctor/physician.

**Precautionary Statements - Storage**

Store according to local, regional, national, and international rules and regulations.

**Precautionary Statements - Disposal**

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

**Unknown Acute Toxicity**

0.85% of the mixture consists of ingredient(s) of unknown toxicity.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%
Trade Secret	Proprietary	<50

\*\*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**

- Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.
- Skin Contact** Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
- Inhalation** Remove to fresh air. If not breathing, give artificial respiration. Call a physician immediately.
- Ingestion** Do not induce vomiting. Call a physician or poison control center immediately. Drink plenty of water. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects**

- Symptoms** If in eyes- irritation, pain, watering or redness. If on skin- mild irritation or redness. Inhalational - no known significant effects or critical hazards. Ingestion-harmful if swallowed. Irritating to mouth, throat and stomach. Any additional important symptoms and effects are described in Section 11.

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

- Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use an extinguishing agent suitable for the surrounding fire. Like: Water. Dry chemical. Carbon dioxide (CO2). Alcohol resistant foam.

- Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

At temperatures above 60°C/140°F acid action on most metals may release hydrogen, a highly flammable and explosive gas.

**Hazardous Combustion Products** Nitrogen oxides (NOx). Acid mist. Carbon oxides.

**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.

**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** Contain and collect with an inert absorbent and place into an appropriate container for disposal. Neutralize with a lime or soda ash and flush area with large amounts of water. Exercise caution during neutralization as considerable heat may be generated.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on Safe Handling** Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray. Note: If diluting, always add this product slowly to water with constant stirring. When diluting always add to water.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials. Protect container from physical damage. Keep out of the reach of children.

**Incompatible Materials** Bases. Oxidizers. Chlorates. Nitrates.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines** No exposure limits noted for ingredient(s).

**Appropriate engineering controls**

**Engineering Controls** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Safety goggles are recommended.

**Skin and Body Protection** Chemical resistant protective gloves are recommended.

**Respiratory Protection** No protective equipment is needed under normal use conditions. If a risk assessment indicates; use a properly fitted, air-purifying or supplied air respirator complying with approved standards.

**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

<b>Physical State</b>	Liquid	<b>Odor</b>	Light, fresh, botanical scent
<b>Appearance</b>	Yellow liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Yellow		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	1		
Melting Point/Freezing Point	-17.5 °C / -0.5 °F		
Boiling Point/Boiling Range	> 100 °C / >212 °F		
Flash Point	None		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	n/a-liquid		
Upper Flammability Limits	Not applicable		
Lower Flammability Limit	Not applicable		
Vapor Pressure	5.65 mm Hg		
Vapor Density	Not determined		
Specific Gravity	1.075	(Water = 1)	
Water Solubility	Completely soluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		
VOC Content	None		

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

This product reacts violently with bases, spattering and liberating heat. Hazardous polymerization does not occur. Avoid contact with oxidizers.

### Conditions to Avoid

Exposure to air or moisture over prolonged periods.

### Incompatible Materials

Bases. Oxidizers. Chlorates. Nitrates.

### Hazardous Decomposition Products

Nitrogen oxides (NO<sub>x</sub>) and acid mist.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Product Information**

<b>Eye Contact</b>	May cause serious eye irritation.
<b>Skin Contact</b>	May cause mild skin irritation.
<b>Inhalation</b>	Avoid breathing vapors or mists. Exposure to decomposition products may cause a health hazard.
<b>Ingestion</b>	Do not taste or swallow. May be harmful if swallowed to mouth, throat and stomach.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trade Secret	= 1378 mg/kg ( Rat )	> 2 g/kg ( Rabbit )	-

**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**

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not determined.

**Unknown Acute Toxicity** .085% of the mixture consists of ingredient(s) of unknown toxicity.

## 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.

## 14. TRANSPORT INFORMATION

- Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Exempt under DOT 49 CFR 173.154 (d). This material is corrosive to aluminum only. Not corrosive to mild steel and skin.
- DOT** Not regulated.
- IATA** Please contact manufacturer for most current information.
- IMDG** Please contact manufacturer for most current information.

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Listed

**Legend:**  
*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

**US Federal Regulations**

**CERCLA**

This material, as supplied, does not contain substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**SARA 313**

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.

**SARA 311/312 Hazardous Categories**

Acute health hazard	Yes
Chronic health hazard	Yes
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**US State Regulations**

**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.

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

Not determined.

**U.S. EPA Label Information:** EPA Pesticide Registration Number – Not applicable.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b> 1	<b>Flammability</b> 0	<b>Physical Hazards</b> 0	<b>Personal Protection</b> N+P

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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**