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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** United 129 ODOR LASER TOTAL RELEASE

### Other means of identification

**SDS #** UNITED-129

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

**Recommended Use** Universal Odor Eliminator.

**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

### 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** Opaque white spray

**Physical State** Aerosol

**Odor** Slight floral/citrus scent

### Classification

Flammable Aerosol	Category 2
Gases under pressure	Liquefied Gas

### Signal Word

Warning

### Hazard Statements

Flammable aerosol. Contains gas under pressure; may explode if heated. This product contains the following percentage of chemicals of unknown toxicity: Not applicable.



**Hazards not otherwise classified:** Not applicable.

### Precautionary Statements

Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS No.	Weight %*
Propane	74-98-6	10-20
N-Butane	106-97-8	10-20

\*If chemical name/CAS No. is "proprietary" or Weight % is listed in range, the specific % of composition has been withheld as a trade secret.

**4. FIRST-AID MEASURES****First Aid Measures**

<b>Eye Contact</b>	Immediately flush with water for 15 minutes while holding eyelids open. If irritation persists, seek medical advice.
<b>Skin Contact</b>	Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.
<b>Ingestion</b>	Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects**

<b>Symptoms</b>	Acute health hazards: Prolonged contact with skin may cause irritation. Contact with eyes may cause irritation, redness, tearing. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
	No known chronic health hazards.

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

<b>Notes to Physician</b>	Treat of overexposure should be directed at the control of symptoms and the clinical condition.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures suitable for the surrounding fire.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

FLAMMABLE. Contents under pressure. Exposure to temperatures above 120 °F may cause bursting.

**Hazardous Combustion Products** Oxides of carbon.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full-face piece operated in a positive pressure demand mode with full body protective gear when fighting fires. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Use personal protective equipment as required.
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**Methods and material for containment and cleaning up**

<b>Methods for Containment and Clean-up</b>	SPILL: Eliminate all sources of ignition. Clean up using rag or use some non-combustible material like vermiculite, sand or earth. Prevent spill from entering sewers, storm drains, and natural waterways. Place waste in proper containers for disposal.
<b>Waste Disposal</b>	Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.
<b>RCRA Status</b>	Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

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

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Store in cool, dry, ventilated area. Do not use or store with strong oxidizers. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
<b>Other Precautions</b>	Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.
<b>Incompatible Materials</b>	Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Hazardous Ingredient	OSHA PEL	ACGIH TLV
Propane	1000 ppm	1000 ppm
N-Butane	Not Established	Not Established

**Appropriate engineering controls**

<b>Engineering Controls</b>	Ambient ventilation adequate.
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**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Safety glasses/goggles.
<b>Skin and Body Protection</b>	Wash hands thoroughly after handling.
<b>Respiratory Protection</b>	Not required with normal use.

**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>Appearance</b>	Opaque white spray	<b>Odor</b>	Slight floral/citrus scent
<b>Color</b>	Opaque white		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
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pH	6-7
Melting Point/Freezing Point	Not determined
Boiling Point/Boiling Range	Not determined
Flash Point	Not determined
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Flammable Aerosol
Upper Flammability Limits	Not determined
Lower Flammability Limit	Not determined
Vapor Pressure	Not determined
Vapor Density	Not determined
Relative Density	0.99-1.01 @ 77°F (25°C)
Water Solubility	Not determined
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	25%

## 10. STABILITY AND REACTIVITY

### Reactivity

None known. Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous polymerization will not occur. None known.

### Conditions to Avoid

Temperatures greater than 122°F and sources of ignition. Avoid incompatible materials.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	Routes of exposure: Eyes, Ingestion, Inhalation, Skin
<b>Eye Contact</b>	May cause irritation, redness, tearing.
<b>Skin Contact</b>	May cause mild irritation, localized defatting, repeated prolonged contact may cause allergic reaction in some individuals.
<b>Inhalation</b>	No hazards under normal use due to its low volatility. If vapor is present in high concentrations, upper respiratory tract irritation may occur.
<b>Ingestion</b>	May cause gastric discomfort and nausea. No hazard by this route in normal use.

### Component Information

Chemical name	Inhalation LC <sub>50</sub>	Dermal LD <sub>50</sub> / Oral LD <sub>50</sub>
Propane (74-98-6)	658 mg/L 4 hr. (Rat)	-----
N-Butane (106-97-8)	30957 mg/m <sup>3</sup> 4 hr. (Rat)	-----

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

ACUTE HEALTH HAZARDS: Prolonged contact with skin may cause irritation. Contact with eyes may cause irritation, redness, tearing. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. CHRONIC HEALTH HAZARDS: None known.

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

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Not determined.

**Persistence/Degradability**

No additional information available.

**Bioaccumulation**

No additional information available.

**Mobility**

Not determined.

**Other Adverse Effects**

None known.

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable federal, state and local laws and regulations. Do not dump into sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

**RCRA Status**

Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**14. TRANSPORT INFORMATION****DOT**

UN/NA Number UN1950, Aerosols, Ltd., Qty  
Hazard class/division 2.1  
Packing group Not applicable

**IATA**

UN/NA Number UN1950, Aerosols, flammable  
Hazard class/division 2.1  
Packing group Not applicable

**IMDG**

UN/NA Number UN1950, Aerosols  
Hazard class/division 2.1  
Packing group Not applicable.

**Environmental hazards water**

Not applicable.

**15. REGULATORY INFORMATION****TSCA Status**

All chemicals are listed or exempt.

**International Inventories**

Listed or exempt from listing/notification on the following chemical inventories: Domestic Substances List (DSL, Canada).

**US Federal Regulations****CERCLA**

This material, as supplied, does not contain any 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).

**SARA 311/312 Hazard Categories**

Flammable (gases, aerosols, liquids, solids). Gas under pressure.

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

**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**

This product does not contain any substances regulated under applicable state right-to-know regulations.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	2	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical</b>	<b>Personal Protection</b>
	1	2	0	A

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**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**