1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name
United 136 CITRUS DISINFECTANT

Other means of identification

SDS# UNITED 136

Recommended use of the chemical

And restrictions on use

Recommended use Disinfectant Deodorant
Uses Advised Against For institutional and industrial 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

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).

<table>
<thead>
<tr>
<th>Flammable Aerosols</th>
<th>Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irritant</td>
<td>Category 2A</td>
</tr>
<tr>
<td>Liquified Gas</td>
<td></td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview

Warning

Hazard statements

Flammable aerosol. Contain gas under pressure; May explode if heated. Causes serious eye irritation.

This product contains the following percentage of chemicals of unknown toxicity: 0%.
Prevention
Keep away from heat/sparks/open flames/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. Wash hands thoroughly after handling.

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

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

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>40-70</td>
<td>*</td>
</tr>
<tr>
<td>Propane/n-Butane</td>
<td>68476-86-8</td>
<td>10-30</td>
<td>*</td>
</tr>
</tbody>
</table>

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

4. FIRST AID MEASURES

First aid measures

Skin Contact
Wash thoroughly with soap and water. Get medical attention if symptoms persist.

Eye contact
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 advice or attention.

Inhalation
Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

Ingestion
If swallowed: Rinse mouth. Do not induce vomiting. Get medical advice or attention.

Most important symptoms and effects, both acute and delayed

Acute: Eye exposure causes transient pain and irritation.
Chronic: None Known

Note to physician
There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.
5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Carbon dioxide, standard chemical fire extinguisher, and water fog.

Unsuitable extinguishing media None known.

Unusual fire and explosion hazards
Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

Protective equipment and precautions for firefighters
Wear NIOSH approve SCBA with a full-face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

Hazardous combustion products None known.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Personal precautions Refer to Section 8 for proper personal protective equipment.

Environmental precautions
Environmental precautions Do not allow to drain into sewers or storm drains. Dispose of in accordance to local, state and federal regulations.

Methods and material for containment and cleaning up
Methods for containment and cleaning up Small spills: Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains.

Waste disposal
Do not puncture or incinerate. If empty: Place in trash or offer for recycling if available. If partly filled: Dispose of in accordance with local, state and federal regulations.

Do not contaminate other materials (including foods/drinks/feeds/water) during transport, use, storage, and disposal.

RCRA Status
Product should be fully characterized prior to disposal (40CFR261)

7. HANDLING AND STORAGE

Precautions for safe handling
Advice on safe handling Pressurized container: Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities
Storage Conditions Pressurized container. Do not pierce or burn. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F.

Incompatible materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol 64-17-5</td>
<td>1000 ppm</td>
<td>PEL: 1000 ppm</td>
<td>-</td>
</tr>
</tbody>
</table>
Appropriate engineering controls

Engineering Controls General ventilation and local exhaust should be adequate.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses.

Skin and body protection Wear chemical resistant gloves. Wash hands and clothing in contact with product after use.

Respiratory protection Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

General Hygiene Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Aerosol.
Appearance Light yellow, clear to hazy aerosol
Color Light yellow, clear to hazy
Odor Citrus scent.

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>7.0</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.875 @ 77°F (25°C)</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>No Information available.</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No Information available.</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>&gt;170°F</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit – lower</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit – upper</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>44 @ 77°F (25°C)</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>&gt;1 @ 77°F (25°C)</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>100%</td>
<td></td>
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<tr>
<td>Partition coefficient</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>(n-octanol/water)</td>
<td></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>
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<tr>
<td>Viscosity</td>
<td>No information available.</td>
<td></td>
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<tr>
<td>Density</td>
<td>No information available.</td>
<td></td>
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<tr>
<td>Flame extension</td>
<td>No information available.</td>
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</tr>
<tr>
<td>Flammability</td>
<td>Flammable aerosol</td>
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<tr>
<td>Volatility including water</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>VOC (weight %)</td>
<td>69%</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity None known.
Chemical stability
Material is stable at normal conditions.

Possibility of Hazardous Reactions
None known.

Conditions to avoid
Avoid temperatures exceeding 122°F may cause bursting.

Incompatible materials
Strong oxidizing agents.

Hazardous Decomposition Products
Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation
Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation.

Eye contact
Cause severe irritation, redness, tearing.

Skin Contact
Causes irritation with prolonged contact.

Ingestion
Causes gastrointestinal irritation, nausea and vomiting.

Symptoms related to the physical, chemical and toxicological characteristics
Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

Acute toxicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Dermal LD₅₀</th>
<th>Oral LD₅₀</th>
<th>Inhalation LC₅₀</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>-</td>
<td>3450 mg/kg (Mouse)</td>
<td>39 gr/m² 4hr (Mouse)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6300 mg/kg (Rabbit)</td>
<td>20000 ppm (Rat)</td>
</tr>
</tbody>
</table>

Skin/Eye irritation
Causes eye irritation. Causes irritation with prolonged contact.

Sensitization
No information available.

Germ cell mutagenicity
No information available to indicate product or any components present a greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity
This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

Reproductive toxicity
No information available.

Acute Health Hazard
Eye exposure causes transient pain and irritation.

Chronic Health Hazard
None known.

12. ECOLOGICAL INFORMATION

Persistence and degradability
Component or components of this product are not biodegradable.

Bioaccumulation
This product is not expected to bioaccumulate.

Soil Mobility
This product is mobile in soil.

Other adverse effects
No other adverse environmental effects known (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.
13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal Considerations
Disposal should be in accordance with applicable regional, national and local laws and regulations. Contents under pressure. Do not puncture or incinerate. If empty: Place in trash or offer for recycling if available. If partially filled: Call your local solid waste agency for disposal instructions.

RCRA Status
Product should be fully characterized prior to disposal (40CFR261).

14. TRANSPORT INFORMATION

DOT
UN/ID No. UN1950
Proper shipping name Aerosols, Limited Quantity
Transport hazard class(es)
Class 2.1
Packaging group No information available

IATA
UN/ID No. UN1950
UN proper shipping name Aerosols, Limited Quantity
Transport hazard class(es)
Class 2.1

IMDG
UN/ID No. UN1950
Proper shipping name Aerosols, Limited Quantity
Transport hazard class(es)
Class 2.1

Environmental Class Marine Pollutant
No information available

15. REGULATORY INFORMATION

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

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. Ethyl Alcohol (64-17-5), acute, chronic, flammable.

SARA 311/312 Hazard Categories

- Acute health hazard: Yes
- Chronic Health Hazard: Yes
- Fire hazard: Yes
- Sudden release of pressure hazard: No
- Reactive Hazard: No
SARA 311/312 Hazard Categories: Ethyl Alcohol (64-17-5), Acute Health, Chronic Health, Fire.


CWA (Clean Water Act)
None.

CERCLA Hazardous Substance List (40 CFR 302.4)
Fire Hazard.

US State Regulations

California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer: 2-Phenylphenol.

International Regulations
This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: WARNING: Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes or on skin or clothing. Wear long-sleeved shirt and long pants, protective eyewear (safety glasses), shoes and socks, and chemical resistant gloves (such as or made out of any water proof material). Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing. Flammable. Contents under pressure. Keep away from heat, sparks, pilot lights, and flames. Do not puncture or incinerate container. Exposure to temperatures above 130°F (54°C) may cause bursting. EPA Reg. No. 44446-67

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue Date</td>
<td>13-Jul-2015</td>
<td>3</td>
<td>1</td>
<td>A</td>
</tr>
<tr>
<td>Revision Date</td>
<td>05-Sep-2018</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Revision Note</td>
<td>Revised</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

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