1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Product Name United 175 CLEAN AND FREE

Other means of identification
SDS# UNITED-175

Recommended use of the chemical
And restrictions on use
Recommended use Foaming Germicidal Cleaner
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)

<table>
<thead>
<tr>
<th>Flammable Aerosol</th>
<th>Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irritant</td>
<td>Category 2b</td>
</tr>
<tr>
<td>Liquefied Gas</td>
<td></td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview

Warning

Hazard statements

Flammable aerosol. Contains gas under pressure; may explode if heated. May cause eye irritation.

This product contains the following percentage of chemicals of unknown toxicity: 0%.
Appearance  White Foam  
Physical state  Aerosol  
Odor  Citrus  

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. Do not breathe mists.  

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  

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>5-10</td>
<td>*</td>
</tr>
<tr>
<td>Propane/n-Butane</td>
<td>68476-86-8</td>
<td>3-7</td>
<td>*</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Ethylenediaminetetraacetic Acid (EDTA)</td>
<td>60-00-4</td>
<td>.5-1.5</td>
<td>*</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>.5-1.5</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. Seek medical attention if irritation develops.  

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

Inhalation  
Move person to fresh air. If breathing is difficult, or unconscious, administer oxygen. If not breathing administer respiration. Seek medical attention if irritation persists.  

Ingestion  
Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt., 2-4 glasses) of warm water. Seek medical attention.
Indication of any immediate medical attention and special treatment needed
There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

Acute Health Hazards
Eyes: redness, tearing, blurred vision.

Chronic Health Hazards
None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Dry chemical, carbon dioxide, foam, water spray for cooling.

Unsuitable extinguishing media
None known.

Specific hazards arising from the chemical
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
Firefighters must wear NIOSH approved self-contained breathing apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid 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
For personal protection, see Section 8 of the SDS.

Methods and material for containment and cleaning up

Methods for containment and cleaning up
Clean up with absorbent non-combustible material such as vermiculite, sand or earth.

Waste Disposal
Dispose of in accordance with local, state and federal regulations. Does not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

RCRA Status
Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. HANDLING AND STORAGE

Precautions for safe handling
Pressurized container: do not pierce or burn, even after use. Keep out of reach of children.

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.

Incompatible materials
Strong acids, strong alkalis, strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSOAL PROTECTION

Exposure Guidelines
No Exposure limits noted for ingredient(s).
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane/n-Butane (68476-86-8)</td>
<td>PEL: 1000 ppm</td>
<td>TWA: 1000 ppm</td>
<td>-</td>
</tr>
<tr>
<td>Sodium Hydroxide (1310-73-2)</td>
<td>PEL: 2 mg/m³</td>
<td>TWA: 2 mg/m³</td>
<td>-</td>
</tr>
<tr>
<td>Isopropyl Alcohol (67-63-0)</td>
<td>PEL: 500 ppm</td>
<td>TWA: 400 ppm</td>
<td>-</td>
</tr>
<tr>
<td>Ethylenediaminetetraacetic Acid (60-00-4)</td>
<td>PEL: 15 mg/m³</td>
<td>TWA: Not Established</td>
<td>-</td>
</tr>
<tr>
<td>2-Butoxyethanol (111-76-2)</td>
<td>PEL: 50 ppm</td>
<td>TWA: 20 ppm</td>
<td>-</td>
</tr>
</tbody>
</table>

NIOSH IDLH  Immediately Dangerous to Life or Health

Appropriate engineering controls

Engineering Controls

General ventilation and local exhaust recommended.

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety glasses are recommended.

Skin and body protection

Chemical resistant gloves are recommended.

Respiratory protection

Not required under normal use. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

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

Foam

Appearance

Aerosol

Color

White Foam

Odor

Citrus

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>12.3</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.00 @ 77°F (25°C)</td>
<td>No information available.</td>
</tr>
<tr>
<td>Percent volatile</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>No Information available.</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>&lt;32°F (0°C)</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Boiling point and Boiling range</td>
<td>212°F/100°C</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&lt;1</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Flammable aerosol</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit:</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>17.5@77°F (25°C)</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
None known.

Chemical stability
Stable at normal conditions.

Possibility of Hazardous Reactions
None known.

Conditions to avoid
Temperatures greater than 122°F and sources of ignition.

Incompatibility:
Strong acids, strong alkalis, strong oxidizing agents.

Hazardous Decomposition Products
Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure
Eyes, ingestion, inhalation and skin.

Product Information

Inhalation
Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract.

Eye contact
Causes mild irritation.

Skin Contact
May cause mild irritation, dryness with prolonged or repeated contact.

Ingestion
May cause gastrointestinal irritation, abdominal cramps.

Information on toxicological effects

Acute toxicity
Eyes: redness, tearing, blurred vision.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Dermal LD50</th>
<th>Oral LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol</td>
<td>220 mg/kg</td>
<td>400 mg/kg</td>
<td>450 ppm, 4 hours</td>
</tr>
<tr>
<td>(111-76-2)</td>
<td>(Rabbit)</td>
<td>(Rat)</td>
<td>(Rat)</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>12800 mg/kg</td>
<td>5045 mg/kg</td>
<td>16000 ppm, 8 hours</td>
</tr>
<tr>
<td>(67-63-0)</td>
<td>(Rabbit)</td>
<td>(Rat)</td>
<td>(Rat)</td>
</tr>
</tbody>
</table>

*Estimates for product may be based on additional component data not shown.

Skin/Eye irritation
May cause mild eye and skin irritation.

Respiratory Sensitization
May cause irritation to the respiratory tract.

Skin Sensitization
This product is not expected to cause skin sensitization.
Carcinogenicity
This product is not considered to be a carcinogen by IARC, OSHA, ACGIH and NTP.
Chronic effects
None known.
Medical condition aggravated
None known.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
Isopropyl Alcohol (67-63-0).

**Persistence and degradability**
Component(s) 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 are expected from this component.

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes**
Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not reuse container, puncture or incinerate container. Wrap container and place in trash collection.

**US RCRA Status**
Waste solvent not considered hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**Waste from residues/unused products**
Dispose in accordance with local, state and federal regulations. (See disposal instructions).

### 14. TRANSPORT INFORMATION

This product meets the exception requirements of Section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the “Consumer Commodity-ORM-D” marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/2020 and may be used now in place of the “Consumer Commodity ORM-D” marking and both may be displayed concurrently.

**DOT**

<table>
<thead>
<tr>
<th>UN/ID No.</th>
<th>Aerosols, Limited Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport hazard class(es)</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing group</td>
<td>No information available.</td>
</tr>
</tbody>
</table>

**IATA**

<table>
<thead>
<tr>
<th>UN/ID No.</th>
<th>Aerosols, Limited Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport hazard class(es)</td>
<td>2.1</td>
</tr>
</tbody>
</table>
15. REGULATORY INFORMATION

International Inventories
Europe, Japan, Australia, Canada, Korea, Philippines, New Zealand and China

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: CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Harmful if swallowed or absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Contents under pressure. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. Never throw container into fire or incinerator. EPA Reg. No: 44446-23.

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

*A Yes indicates that all components of this product comply with the inventory requirements administered by the governing county(s). A No indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

US Federal Regulations
This product is not a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910, 1200.

Superfund Amendments and Reauthorization Act of 1986

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Delayed hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>Yes</td>
</tr>
</tbody>
</table>

SARA 313 (TRI reporting)
2-Butoxyethanol (111-76-2)

CWA (Clear Water Act)
None known.

California Proposition 65
This product does not contain a chemical known to the State of California to cause birth defects and other reproductive harm.

CERCLA
This material, as supplied, does not contain a substance regulated as a 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).

US State Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey/Rhode Island</th>
<th>Massachusetts/Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>(111-76-2)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>A</td>
</tr>
</tbody>
</table>

**Issue Date** 11-Apr-2015  
**Revision Date** 30-July-2015  
**Revision Note**

**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