

Issue Date 11-Apr-2015

Revision Date 30-July-2015

Version 1

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)

| | |
|-------------------|-------------|
| Flammable Aerosol | Category 2 |
| Eye Irritant | Category 2b |
| Liquefied Gas | |

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

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|--|------------|----------|--------------|
| 2-Butoxyethanol | 111-76-2 | 5-10 | * |
| Propane/n-Butane | 68476-86-8 | 3-7 | * |
| Isopropyl Alcohol | 67-63-0 | 1-5 | * |
| Ethylenediaminetetraacetic Acid (EDTA) | 60-00-4 | .5-1.5 | * |
| Sodium Hydroxide | 1310-73-2 | .5-1.5 | * |

*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

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/PERSONAL PROTECTION**Exposure Guidelines**

No Exposure limits noted for ingredient(s).

| Chemical Name | OSHA | ACGIH | NIOSH |
|--|---------------------------|--------------------------|-------|
| Propane/n-Butane (68476-86-8) | PEL: 1000 ppm | TWA: 1000 ppm | - |
| Sodium Hydroxide (1310-73-2) | PEL: 2 mg/m ³ | TWA: 2 mg/m ³ | - |
| Isopropyl Alcohol (67-63-0) | PEL: 500 ppm | TWA: 400 ppm | - |
| Ethylenediaminetetraacetic Acid (60-00-4) | PEL: 15 mg/m ³ | TWA: Not Established | - |
| 2-Butoxyethanol (111-76-2) | PEL: 50 ppm | TWA: 20 ppm | - |

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

| Property | Values | Remarks • Method |
|---------------------------------|---------------------------|------------------|
| pH | 12.3 | |
| Specific Gravity | 1.00 @ 77°F (25°C) | |
| Percent volatile | No information available. | |
| Viscosity | No Information available. | |
| Melting point/freezing point | <32°F (0°C) | |
| Flash point | No information available. | |
| Boiling point and Boiling range | 212°F/100°C | |
| Evaporation rate | <1 | |
| Flammability (solid, gas) | Flammable aerosol | |
| Upper flammability limit: | No information available. | |
| Lower flammability limit: | No information available. | |
| Vapor pressure | 17.5@77°F (25°C) | |

| | |
|----------------------------|---------------------------|
| Vapor density | <1 |
| Water solubility | 100% |
| Solids (%) | 3% |
| Partition coefficient | No information available. |
| Auto-ignition temperature | No information available. |
| Decomposition temperature | No information available. |
| Volatility including water | >80% |
| VOC (weight %) | 16% |

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.

| Chemical Name | Dermal LD50 | Oral LD540 | Inhalation LC50 |
|--------------------------------|-------------------------|---------------------|-----------------------------|
| 2-Butoxyethanol (111-76-2) | 220 mg/kg (Rabbit) | 400 mg/kg (Rat) | 450 ppm, 4 hours (Rat) |
| Isopropyl Alcohol (67-63-0) | 12800 mg/kg (Rabbit) | 5045 mg/kg (Rat) | 16000 ppm, 8 hours (Rat) |

*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 his 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

| | |
|-----------------------------------|----------------------------|
| UN/ID No. | UN1950 |
| Proper shipping name | Aerosols, Limited Quantity |
| Transport hazard class(es) | 2.1 |
| Packing group | No information available. |

IATA

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

IMDG

UN/ID No. UN1950
 Proper shipping name Aerosols, Limited Quantity
 Transport hazard class 2.1

Environmental Class

Marine Pollutant No

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 no 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

Acute health hazard Yes
 Delayed hazard No
 Fire hazard No
 Sudden release of pressure hazard No
 Reactive Hazard Yes

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

| Chemical Name | New Jersey/Rhode Island | Massachusetts/Pennsylvania |
|-------------------------------|-------------------------|----------------------------|
| 2-Butoxyethanol (111-76-2) | X | X |

16. OTHER INFORMATION

| | | | | |
|-------------|------------------|----------------|--------------|--|
| <u>NFPA</u> | Health hazards 1 | Flammability 0 | Reactivity 1 | Physical and Chemical Properties None Personal protection A |
| <u>HMIS</u> | Health hazards 1 | Flammability 0 | Reactivity 1 | |

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 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