



Safety Data Sheet

Issue Date 30-July-2015

Revision Date 26-Jun-2024

Version 2

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
Gas under pressure	Liquefied gas

Label elements

Emergency Overview

Warning

Hazard statements

Flammable aerosol. Contains gas under pressure; may explode if heated.

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.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a 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
n-Butane	106-97-8	1-5	*
Propane	74-98-6	1-5	*

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

4. FIRST AID MEASURES

First aid measures**Skin Contact**

Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

Eye contact

Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation develops.

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.

Note to physician

Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

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

Prolonged inhalation may harmful.

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

Flammable. 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 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. Shut off all sources of ignition. Use water spray to disperse vapor and cool for exposed containers. Prevent runoff from entering streams, sewers, or drinking water supply.

Hazardous Combustion Products: Oxides of carbon and nitrogen.

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**

Eliminate all sources of ignition. Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal.

Waste Disposal

Does not puncture, or incinerate the container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

RCRA Status

The product should be fully characterized prior to disposal (40 CFR 261).

7. HANDLING AND STORAGE

Precautions for safe handling

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.

Conditions for safe storage, including any incompatibilities**Handling and Storage Conditions**

Avoid contact with skin, eyes and clothing. Store in a cool, dry area. Do not use or store with strong oxidizers. Protect from sunlight. Do not expose to direct sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Pressurized container: Do not pierce or burn, even after use.

Incompatible materials

Strong acids, strong alkalis, strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	OSHA PEL	ACGIH TLV	NIOSH
n-Butane	Not established	1000 ppm	-
Propane	1000 ppm	1000 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/goggles are recommended.

Skin and body protection Wash hands thoroughly.

Respiratory protection Not required under normal use. If exposure levels are exceeded then NIOSH/MSHA-approved respiratory protection 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, moderate ammonia odor

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	11.3 – 11.7	
Relative Density	0.99-1.01 @ 77°F (25°C)	
Percent volatile	No information available.	
Viscosity	No Information available.	
Melting point/freezing point	<32°F (0°C)	
Flash point	>130°F (54°C)	
Boiling point and Boiling range	212°F/100°C	
Evaporation rate	Slow	
Flammability (solid, gas)	Flammable aerosol	
Upper flammability limit:	No information available.	
Lower flammability limit:	No information available.	
Vapor pressure	No information available.	
Vapor density	No information available.	
Water solubility	100%	
Solids (%)	No information available.	
Partition coefficient	No information available.	
Auto-ignition temperature	No information available.	
Decomposition temperature	No information available.	
Volatility including water	No information available.	
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. Avoid incompatibles.

Incompatibility:

Strong acids, strong alkalis, strong oxidizing agents.

Hazardous Decomposition Products

Oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eyes, ingestion, inhalation and skin.

Product Information

Inhalation	May cause irritation to respiratory tract. Avoid breathing spray mist.
Eye contact	Not classified for eye corrosion or irritation based on product testing results. May cause irritation.
Skin Contact	Not classified for acute dermal toxicity based on product testing results. Not classified for skin corrosion or irritation based on product testing results. Not classified for skin sensitization based on product testing results. May cause mild irritation, dryness with prolonged or repeated contact.
Ingestion	Not classified for acute oral toxicity based on product testing results. May cause gastrointestinal irritation, abdominal cramps.

Information on toxicological effects

Chemical Name	Dermal LD50	Oral LD540	Inhalation LC50
n-Butane 106-97-8	-	-	30957 mg/m ³ 4 hr Rat
Propane 74-98-6	-	-	658 mg/L 4hr 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	Prolonged inhalation may be harmful.
Medical condition aggravated	None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid release to the environment. Potassium hydroxide (1310-58-3).

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 Does not puncture, or incinerate the container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

US RCRA Status The product should be fully characterized prior to disposal (40 CFR 261).

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, flammable
Transport hazard class(es)	2.1
Packing group	No information available

IMDG

UN/ID No.	UN1950
Proper shipping name	Aerosols
Transport hazard class	2.1
Packing group	No information available

Environmental Class

Marine Pollutant	No information available
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15. REGULATORY INFORMATION

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.

SARA 311/312 Hazard Categories

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

SARA 313 (TRI reporting)

This product does not contain any chemicals components with known CAS numbers that exceed the threshold (*de minimis*) reporting levels established by SARA Title III, Section 313.

CWA (Clear Water Act)

Ethylenediaminetetraacetic acid (EDTA) 60-00-4 is a hazardous substance.

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

Ethylenediaminetetraacetic acid (EDTA) 60-00-4 - RQ=5000 pounds. Potassium hydroxide 1310-58-3 – RQ=1000 pounds. Sodium nitrite 7632-00-0 – RQ=100 pounds. Ammonium hydroxide 1336-21-6 -RQ=1000 pounds.

US State Regulations

2-Butoxyethanol (111-76-2) Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA, RI. **Isopropyl alcohol** (67-63-0) Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states CT, FL, IL, MA, MN, NJ, PA, RI, TN. **Ethylenediaminetetraacetic acid (EDTA)** 60-00-4 Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states MA, PA. **Potassium hydroxide** (1310-58-3) Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states CA, IL, LA, MA, MN, NJ, NY, PA, RI. **Sodium Nitrite** (7632-00-0) Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states MA, NJ, PA.

International Regulations

No information available.

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 the container into a fire or incinerator. EPA Reg. No: 44446-23.

16. OTHER INFORMATION

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

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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