



LABORATORIES

Issue Date 11-Apr-2015

Revision Date 21-July-2015

Version 1

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 151 PHENOFOG

Other means of identification

SDS# UNITED-151

Recommended use of the chemical

And restrictions on use

Recommended use Surface Disinfectant Room Deodorizer

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
Liquefied Gas	
Eye irritation	Category 2A

Label elements

Emergency Overview

Warning

Hazard statements

Flammable aerosol. Contains gas under pressure: May explode if heated. Causes serious eye irritation.

This product contains the following percentage of chemicals of unknown toxicity: 0%.



Appearance Slightly Cloudy Colorless

Physical state Aerosol

Odor Fresh Linen

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.

Response

Wash hands thoroughly after handling. Wear eye protection. 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)

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Propane/n-Butane	68476-86-8	10-30	*
Ethyl Alcohol	64-17-5	40-70	*

*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 the eyes: Rinse cautiously with water for several minutes. Remove contacts lenses, if present and east to do. Continue rinsing. If eye irritation persists: Get medical attention.

Inhalation

Move person 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. Seek medical attention or advice.

Indication of any immediate medical attention and special treatment needed

Eye exposure causes transient pain and irritation – acute hazard, no chronic hazards.

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.

Specific hazards arising from the chemical

Wear NIOSH approved 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.

Protective equipment and precautions for firefighters

Firefighters must use standard protective equipment, with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

Fire-fighting equipment/instructions

Wear full protective clothing, SCBA. Keep away from sparks, open flames, and hot surfaces. No smoking.

Specific Methods

Use standard firefighting procedures and consider the hazards of other involved materials. Keep away from sparks and open flames and hot surfaces.

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 Do not allow to drain into sewers or storm drains.

Methods for cleaning up Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water.

Waste Disposal Dispose of in accordance with local, state and federal regulations. Do not puncture or incinerate 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 Product should be fully characterized prior to disposal (40 CFR 261).

7. HANDLING AND STORAGE

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

Storage Conditions Pressurized container. Do not puncture, incinerate or crush, even after use. Do not expose to direct sunlight, exceeding 50°C/122°F

Incompatible materials 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	-
Ethyl Alcohol (64-17-5)	PEL: 1000 ppm	TWA: 1000 ppm	-

NIOSH IDLH *Immediately Dangerous to Life or Health*

Appropriate engineering controls

Engineering Controls General ventilation and local exhaust should be adequate.

Individual protection measures, such as personal protective equipment

- Eye/face protection** Safety glasses.
- Skin and body protection** Chemical resistant gloves.
- Respiratory protection** Wear a NIOSH approved organic vapor respiratory protection if used in confined, poorly ventilated areas.

General Hygiene Wash hands and clothing in contact with product after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Aerosol
Appearance Slightly Cloudy Colorless Aerosol
Color Slightly Cloudy
Odor Fresh Linen

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.0	
Specific Gravity	0.875 @ 77°F (25°C)	
Viscosity	No Information available.	
Melting point/freezing point	No Information available.	
Flash point	No information available.	
Boiling point and Boiling range	>170°F	
Evaporation rate	1	
Flammability (solid, gas)	No information available.	
Upper flammability limit:	No information available.	
Lower flammability limit:	No information available.	
Vapor pressure	44 @77°F (25°C)	
Vapor density	>1@77°F (25°C)	
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	100%	
VOC (weight %)	69%	

10. STABILITY AND REACTIVITY

Reactivity

This product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability

Stable at normal conditions.

Possibility of Hazardous Reactions

None known.

Conditions to avoid

Avoid temperatures exceeding 120°F and sources of ignition.

Incompatibility:

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** Causes severe irritation, redness and tearing.
- Skin Contact** Causes irritation with prolonged contact.
- Ingestion** Causes gastrointestinal irritation, nausea and vomiting.

Information on toxicological effects

Acute toxicity Eye exposure causes transient pain and irritation.

Chemical Name	Dermal LD50	Oral LD540	Inhalation LC50
Ethyl Alcohol (64-17-5)	-	3450 mg/kg (Mouse)	39 mg/m ³ , 4 hours (Mouse)

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

- Skin irritation** Causes irritation.
- Eye damage/eye irritation** Redness, irritation, tearing.
- Respiratory Sensitization** None known.
- Skin Sensitization** This product is not expected to cause skin sensitization.
- Reproductive toxicity** Not expected to be hazardous by OSHA criteria.
- Carcinogenicity** This product is not considered to be a carcinogen by IARC, OSHA, ACGIH and NTP.
- Chronic effects** None known.
- Conditions aggravated** Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not determined.

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	Do not puncture, incinerate or crush. If empty: Place in trash or offer for recycling if available. Dispose of in accordance with local, state and federal regulations.
US RCRA Status	Product should be fully characterized prior to disposal (40 CFR 261). Dispose in accordance with local, state and federal regulations. (See disposal instructions).
Waste from residues/unused products	

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
Packaging 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 information available.
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15. REGULATORY INFORMATION

International Inventories

All components are listed and exempted.

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.

Clean Water Act (CWA)

None Known.

SARA 311/312 Hazard Categories

Ethyl Alcohol (64-17-5) – Acute Health, Chronic Health and Fire

Superfund Amendments and Reauthorization Act of 1986

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

SARA 313 Reportable Ingredients

Ethyl Alcohol (64-17-5) acute, chronic, flammable

US State Regulations

California Proposition 65

2-Phenylphenol. Warning: This product contains a chemical(s) known to the State of California to cause cancer.

CERCLA

This material, as supplied, does 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). Ethyl Alcohol (64-17-5)

US State Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Propane/n-Butane 68476-86-8	X	X	X
Ethyl Alcohol 64-17-5	X	X	X

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 of any water proof material). Wash hands thoroughly with soap and water before eating, drinking chewing gum, using tobacco or using the toilet. Removed 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

NFPA	Health hazards 1	Flammability 3	Reactivity 1	Physical and Chemical Properties -
HMIS	Health hazards 1	Flammability 3	Physical hazards 1	Personal protection A
Issue Date	11-Apr-2015			
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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