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)
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>Liquefied Gas</td>
<td></td>
</tr>
<tr>
<td>Eye irritation</td>
<td>Category 2A</td>
</tr>
</tbody>
</table>

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  \hspace{1cm} \textbf{Physical state}  Aerosol  \hspace{1cm} \textbf{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

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

\textbf{Skin Contact}
Wash thoroughly with soap and water. Seek medical attention if irritation develops.

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

\textbf{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.

\textbf{Ingestion}
If swallowed: Rinse mouth. Do not induce vomiting. Seek medical attention or advice.

\textbf{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).
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Aerosol</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Slightly Cloudy Colorless Aerosol</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Slightly Cloudy</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Fresh Linen</td>
<td></td>
</tr>
<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>No Information available.</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 and 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 (solid, gas)</td>
<td>No information available.</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>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>Water solubility</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Solids (%)</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available.</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>
</tr>
<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 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.

<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</td>
<td>39 mg/m³, 4 hours</td>
</tr>
<tr>
<td>(64-17-5)</td>
<td></td>
<td>(Mouse)</td>
<td>(Mouse)</td>
</tr>
</tbody>
</table>

*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 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
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).

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
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.

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

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

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane/n-Butane</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>68476-86-8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>64-17-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Physical and Chemical Properties - Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>3</td>
<td>1</td>
<td>A</td>
</tr>
<tr>
<td>HMIS</td>
<td>Health hazards</td>
<td>Flammability</td>
<td>Physical hazards</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>3</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Issue Date: 11-Apr-2015
Revision Date: 21-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