

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

**Product Name** United 141 BIO BRIGRADE FRESH AIR™

**Other means of identification**

**SDS#** UNITED-141

**Recommended use of the chemical**

**And restrictions on use**

**Recommended use** Insecticide

**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)

Dissolved Gas	
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**Label elements**

**Emergency Overview**

# Warning

**Hazard statements**

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** Clear Amber Liquid

**Physical state** Dissolved Gas

**Odor** Peppermint Scent

**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. Wash thoroughly after handling. Wear eye protection.

**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**

Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**

Not classified.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%	Trade Secret
Carbon Dioxide	124-38-9	1-5	*
Ethyl Lactate	97-64-3	7-13	*

\*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 of water, for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

**Eye contact**

If in the eyes: Rinse cautiously with water several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or

**Inhalation**

Move 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

**Ingestion**

Rinse mouth. Do not induce vomiting. Get medical advice.

**Most important symptoms and effects, both acute and delayed**

Irritation to eyes: redness, tearing and blurred vision.

**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.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Use appropriate media for surrounding fire.

**Unsuitable extinguishing media** Water spray/stream

### Specific hazards arising from the chemical

Avoid contact with skin and breathing smoke, fumes, and decomposition products. Keep away from sparks, open flames, and hot surfaces.

### Protective equipment and precautions for firefighters

Firefighters must use standard protective equipment, with NIOSH 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.

### Specific Methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from area if you can do so at no risk. No smoking. Do not spray on open flame or other ignition source.

### Hazardous Combustion Products

None classified.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Keep unnecessary personnel away. Wear appropriate protective equipment. For personal protection, see Section 8 of the SDS.

### Environmental precautions

**Environmental precautions** Use outdoors or in a well-ventilated area.

### Methods and material for containment and cleaning up

**Methods for containment** Eliminate all ignition sources and ventilate area.

**Methods for cleaning up** Absorb spill with non-combustible material, such as, vermiculite, sand or earth. Dispose of in accordance with federal, state and local regulations. Do not reuse container, triple rinse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

**RCRA Status** Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Keep out of reach of children.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store locked up. Pressurized container. Do not puncture, incinerate or crush. Do not expose to direct sunlight, exceeding 50°C/122°F. Store in well-ventilated area.

**Incompatible materials** Strong acids, strong alkalis, halogenated compounds, brass, aluminum, bronze, copper, iron, zinc, lead tin.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines** No Exposure limits noted for ingredient(s).

Chemical Name	ACGIH TLV	OSHA PEL
Carbon Dioxide 124-34-9	5000 ppm	5000 ppm
Ethyl Lactate (97-64-3)	-	-

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Appropriate engineering controls**

**Engineering Controls** General ventilation adequate but local exhaust/ventilation preferred.

**Individual protection measures, such as personal protective equipment**

- Eye/face protection** Safety glasses.
- Skin and body protection** Wear gloves. Wash hands thoroughly.
- Respiratory protection** Not required with normal use. Wear a NIOSH/MSHA approved respiratory protection if listed exposure limits are exceeded.

**General Hygiene** Always observe good personal hygiene measures, such as washing hands after handling the material and before eating, drinking, and/or smoking.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Dissolved Gas  
**Appearance** Liquid  
**Color** Clear amber  
**Odor** Peppermint scent

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No Information available.	
Specific Gravity	.830	
Viscosity	No Information available.	
Melting point/freezing point	<32°F (0°)	
Flash point	No information available.	
Boiling point and Boiling range	>212°F (100°C)	
Evaporation rate	<1	
Flammability (solid, gas)	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29 CFR 1910.1200)	
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	10%	
Volatile including water	6%	
Partition coefficient	No information available.	
Auto-ignition temperature	No information available.	
Decomposition temperature	No information available.	
VOC (weight %)	0%	

## 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Chemical stability

Material is stable at normal conditions.

### Possibility of Hazardous Reactions

None known.

### Conditions to avoid

None known.

### Incompatibility:

Strong acids, strong alkalis, halogenated compounds, brass, aluminum, bronze, copper, iron, zinc, lead tin.

### Hazardous Decomposition Products

None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	May cause irritation to the respiratory tract.
<b>Eye contact</b>	Causes eye irritation. This could result in redness, tearing and blurred vision.
<b>Skin Contact</b>	Causes irritation, dryness.
<b>Ingestion</b>	Causes gastrointestinal irritation.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

### Information on toxicological effects

<b>Acute toxicity</b>	Harmful to eyes, causing redness, tearing and blurred vision.
<b>Skin/Eye irritation</b>	Causes skin and eye irritation.
<b>Reproductive toxicity</b>	No expected to cause reproductive or developmental effects.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, OSHA, ACGIH and NTP.
<b>Chronic effects</b>	None known.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No information available.

### Persistence and degradability

This product is biodegradable.

**Bioaccumulation**

This product is not expected to bioaccumulate.

**Soil Mobility**

This product is mobile in soil.

**Other adverse effects**

None known.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not reuse container, triple rinse container and recycle or place in trash collection. Drums and pails should be offered for recycling.
<b>US RCRA Status</b>	Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).
<b>Waste from residues/unused products</b>	Dispose in accordance with local regulations.

**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**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols, Limited Quantity
<b>Transport hazard class(es)</b>	2.2

**IATA**

<b>UN/ID No.</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, Limited Quantity
<b>Transport hazard class(es)</b>	2.2

**IMDG**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols, Limited Quantity
<b>Transport hazard class</b>	2.2

**Environmental Class**

<b>Marine Pollutant</b>	Not classified.
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**15. REGULATORY INFORMATION**

**International Regulations**

All components are listed or exempt.

**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**

**SARA 311/312**

Not classified.

**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	No

**SARA 313 (TRI reporting)**

None

**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).

**California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards 1	Flammability 1	Reactivity 0	<b>Physical and Chemical Properties</b> N/A
<b>HMIS</b>	Health hazards 1	Flammability 1	Reactivity 0	

Issue Date 11-Apr-2015  
 Revision Date 16-July-2015  
 Revision Note  
 No Information available

**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**