

Issue Date 25-Jun-2015

Revision Date: 28-Jul-2017

Version 3

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

**Product Name** United 191 TOTAL RELEASE AIR SCRUBBER Orange

**Other means of identification**

**SDS #** UNITED-191

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Large Area Odor Neutralizer

**Uses Advised Against** For industrial and institutional use only.

**Details of the supplier of the safety data sheet**

**Supplier Address**

United Laboratories, Inc.  
320 37th Avenue  
St. Charles, IL 60174  
www.unitedlabsinc.com  
www.unitedlabsinc.ca

**Emergency Telephone Number**

**Company Phone Number** 800-323-2594 (to reorder)  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Classification**

Flammable Aerosol	Category 1
Eye irritation	Category 2A
Skin irritation	Category 2
Specific Target Organ Toxicity (Single Exposure)	Category 3

**Label elements**

**Signal word** Danger

**Hazard statements**

Extremely flammable aerosol. Contains gas under pressure; May explode if heated. Causes serious eye and skin irritation. May cause respiratory irritation, drowsiness or dizziness.

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

**Appearance** Off-white spray mist**Physical State** Aerosol**Odor** Orange citrus scent**Emergency Overview****Precautionary Statements - Prevention**

Keep away from heat, sparks, open flames, and 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 expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling.

**Precautionary Statements - Response**

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. If on skin, wash with plenty of water. If skin irritation occurs, get medical advice or attention. Take off contaminated clothing and wash it before reuse. Avoid breathing fumes, mist, vapor and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local, state and federal regulations.

**Precautionary Statements - Storage**

Store according to local rules and regulations.

**Hazards not otherwise classified (HNOC)**

None known.

**Other Information**

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight%
Acetone	67-64-1	40-70
Propane/ n-Butane	68476-86-8	10-30

## 4. FIRST-AID MEASURES

### First Aid Measures

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention.
<b>Skin Contact</b>	Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation persists.
<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
<b>Ingestion</b>	Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.
<b>Acute Health Hazards</b>	Acute, inhalation of vapors may be narcotic or anesthetic. Ingestion of liquid will cause gastrointestinal distress, irritation, and possibly nausea. Liquid or vapors may be irritating to skin and eyes.
<b>Chronic Hazards</b>	May cause damage to the following organs: kidneys, liver, skin, and CNS depression.

### Most important symptoms and effects

<b>Symptoms</b>	No information available.
-----------------	---------------------------

### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	No information available. Treat symptomatically.
---------------------------	--

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Dry chemical, Carbon dioxide, and alcohol foam.

**Unsuitable Extinguishing Media** Water spray/steam.

### Unusual Fire and Explosion Hazards

Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other sources of ignition.

**Hazardous Combustion Products** Oxides of carbon

### 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. Use water spray only to cool exposed containers. Shut off all sources of ignition.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Protection Equipment** Refer to section VIII for proper Personal Protection Equipment.

**Method and materials for containment and clean up**

**Method of Clean Up** Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

**Waste Disposal** Dispose of in accordance with federal, state, and local regulations. Do not dump in trash collections, do not puncture, incinerate or reuse container.

**RCRA Status** Waste likely considered D001, under RCRA, however product should be fully characterized prior to disposal (40CFR261).

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling and Storage** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures Exceeding 50°C/122°F. Pressurized container: do not pierce or burn, even after use.

**Other Precautions** Keep out of the reach of children. Follow label instructions exactly. Avoid breathing fumes/vapors

**Incompatible Materials** Strong oxidizing agents, strong reducing agents, some plastics.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL
Acetone	500ppm	1000ppm
Propane/n-Butane	1000ppm	1000ppm

**Appropriate engineering controls**

**Engineering Control**  
Use only outdoors or in a well-ventilated area.

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

**Eye/Face Protection** Safety glasses.

**Respiratory Protection** Wear NIOSH/MSHA approved organic vapor respiratory protection if exposure limits are exceeded.

**General Hygiene Considerations** Wash hands thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Aerosol	<b>Odor</b>	Orange citrus scent
<b>Appearance</b>	Off-white spray mist	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Off-white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No information available	
<b>Melting Point/Freezing Point</b>	No information available	

<b>Boiling Point/Boiling Range</b>	>54.44°C(>130°F)
<b>Flash Point</b>	<37.78°C(<100°F)
<b>Evaporation Rate</b>	>3 (Fast)
<b>Flammability (Solid, Gas)</b>	Extremely flammable aerosol
<b>Upper Flammability Limits</b>	No information available
<b>Lower Flammability Limit</b>	No information available
<b>Vapor Pressure</b>	<180 @ 21°C(70°F)
<b>Vapor Density</b>	<2 @ 21°C(70°F)
<b>Specific Gravity</b>	0.790
<b>Water Solubility</b>	Miscible
<b>Partition Coefficient</b>	No information available
<b>Auto ignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available
<b>Kinematic Viscosity</b>	No information available
<b>Property</b>	<b>Values</b>
<b>Dynamic Viscosity</b>	No information available
<b>Explosive Properties</b>	No information available
<b>Oxidizing Properties</b>	No information available
<b>VOC Content</b>	27%

Remarks • Method

**10. STABILITY AND REACTIVITY**

Reactivity

Not applicable.

Chemical Stability

Stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

Excess heat, open flame, sparks, electric equipment, ignition sources, and incompatible materials.

Incompatible Materials

Strong Oxidizing agents, strong reducing agents, some plastics.

Hazardous Decomposition Products

Oxides of carbon

**11. TOXICOLOGICAL INFORMATION**

Product Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Acetone 67-64-1	5340mg/kg (rabbit)	20000mg/kg (rabbit)	-

Information on likely routes of exposure

**Product Information**

**Eye Contact** Causes irritation, may cause conjunctivitis with possible corneal injury.

**Skin Contact** May cause irritation, dryness, localized defatting.

**Inhalation** May cause irritation to the respiratory tract, dizziness, headache, nausea, unconsciousness, central nervous system depression.

**Ingestion** May cause gastrointestinal irritation, nausea, diarrhea, vomiting, and aspiration hazards.

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** OSHA: Not classified ACGIH: A5-Not suspected NTP: N/A IARC:N/A Other: N/A

**Chronic Health Hazards** May cause damage to the following organs: kidneys, liver, skin, CNS depression.

**Acute Health Hazards** Acute, inhalation of vapors may be narcotic or anesthetic. Ingestion of liquid will cause gastrointestinal distress, irritation, and possibly nausea. Liquid or vapors may be irritating to skin and eyes.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

No information available.

**Persistence/Degradability**

Component or components of this product are not biodegradable.

**Bioaccumulation**

Components in this mixture can bioaccumulate in aquatic organisms.

**Mobility**

This product is mobile in soil.

**Other Adverse Effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable federal, state and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCRA Status** Waste likely considered D001, under RCRA; however product should be fully characterized prior to disposal (40 CFR 261).

**14. TRANSPORT INFORMATION**

**Note**

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 UN1950 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>Proper Shipping Name</b>	Aerosols, Ltd. Qty.
<b>UN No</b>	UN1950
<b>Hazard Class</b>	2.1
<b>Packaging Group</b>	N/A

**IATA**

**Proper Shipping Name** Aerosols, Ltd. Qty.  
**UN No** UN1950  
**Hazard Class** 2.1

**IMDG**

**Proper Shipping Name** Aerosols, Ltd. Qty.  
**UN No** UN1950  
**Hazard Class** 2.1  
**Environmental Hazards Water** Not applicable

<b>15. REGULATORY INFORMATION</b>
-----------------------------------

**International Inventory**

**TSCA:** All chemicals are listed or exempt.

**US Federal Regulations****SARA 311/312 Hazard Categories**

**Acute Health Hazard** No  
**Chronic Health Hazard** No  
**Fire Hazard** Yes  
**Sudden Release of Pressure Hazard** No  
**Reactive Hazard** No

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain the following Chemical(s) which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**CERCLA**

This product contains the following substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40CFR 122.42).

Chemical Name	Cas-No	Reported Quantity
Acetone	67-64-1	=5000lbs

**State Regulations**

**Acetone** (67-64-1) Connecticut hazardous material survey, Illinois toxic substances disclosure to employee act, Illinois chemical safety act, New York release reporting list, **RTK** - RI, PA, FL, MN, MA, NJ; Massachusetts spill list, New Jersey spill list, Louisiana spill reporting, California List of Hazardous Substances (8 CCR 339): Acetone TSCA 8(b) inventory: Acetone TSCA 4(a) final test rules: Acetone TSCA 8(a) IUR: Acetone.

**California Proposition 65**

None.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Special Hazards</b>
	1	3	0	None
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	3	0	A

Issue Date 25-Jun-2015  
 Revision Date: 28-Jul-2017  
 Revision Note New format

**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**



Issue Date 29-Jun-2015

Revision Date: 31-Jul-2017

Version 3

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier**

**Product Name** United 191 TOTAL RELEASE AIR SCRUBBER Spice

**Other means of identification**

**SDS #** UNITED-191

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Large Area Odor Neutralizer

**Uses Advised Against** For industrial and institutional use only.

**Details of the supplier of the safety data sheet**

**Supplier Address**

United Laboratories, Inc.  
320 37th Avenue  
St. Charles, IL 60174  
www.unitedlabsinc.com  
www.unitedlabsinc.ca

**Emergency Telephone Number**

**Company Phone Number** 800-323-2594 (to reorder)  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

**2. HAZARDS IDENTIFICATION**

**Classification**

Flammable Aerosol	Category 2
Liquefied Gas	

**Label elements**

**Signal word** 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 spray mist**Physical State** Aerosol**Odor** Spice Scent**Emergency Overview****Precautionary Statements - Prevention**

Keep away from heat, sparks, open flames, and 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 expose to temperatures exceeding 50°C/122°F.

Store in a well-ventilated place.

Wash hands thoroughly after handling.

**Precautionary Statements - Response**

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.

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with federal, state and local regulations.

**Precautionary Statements - Storage**

Store according to local rules and regulations.

**Hazards not otherwise classified (HNOC)**

None known.

**Other Information**

None known.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Chemical Name</b>	<b>CAS-No</b>	<b>Weight%</b>
Propane/ n-Butane	68476-86-8	10-30

## 4. FIRST-AID MEASURES

### First Aid Measures

<b>Eye Contact</b>	Immediately flush with water for 15-20 minutes while holding eyelids open. Seek medical attention if irritation persists.
<b>Skin Contact</b>	Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.
<b>Ingestion</b>	Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.
<b>Acute Health Hazards</b>	Eyes: redness, tearing, blurring vision.
<b>Chronic Hazards</b>	None known.

### Most important symptoms and effects

<b>Symptoms</b>	No information available.
-----------------	---------------------------

### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	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

Dry chemical, Carbon dioxide, foam, and water spray or fog.

**Unsuitable Extinguishing Media** None known.

### Unusual Fire and Explosion Hazards

Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Flammable.

**Hazardous Combustion Products** Oxides of carbon.

### 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. Avoid breathing in smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Protection Equipment** Refer to section VIII for proper Personal Protection Equipment.

**Method and materials for containment and clean up**

**Method of Clean Up** Stop all leaks, isolate hazard area, absorb spill with inert material (dry sand, dirt, etc.) eliminate all ignition sources. Prevent runoff from entering drain, sewers, streams, and other bodies of water.

**Waste Disposal** Dispose of in accordance with federal, state and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCRA Status** Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40CFR261).

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling and Storage** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures Exceeding 50°C/122°F. Pressurized container: do not pierce or burn, even after use.

**Other Precautions** Keep out of the reach of children.

**Incompatible Materials** Strong oxidizers, Alkalies, Acids.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL
Propane/n-Butane	1000ppm	1000ppm

**Appropriate engineering controls**

**Engineering Control/Ventilation**

Ambient ventilation adequate.

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

**Eye/Face/Body Protection** Safety glasses and chemical resistant gloves.

**Respiratory Protection** Not required with normal use.

**General Hygiene Considerations** Wash hands thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Aerosol	<b>Odor</b>	Spice Scent
<b>Appearance</b>	White spray mist	<b>Odor Threshold</b>	Not determined
<b>Color</b>	White		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
pH	7	



**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** OSHA: No ACGIH: No NTP: No IARC: No Other: N/A

**Chronic Health Hazards** None known.

**Acute Health Hazards** Eyes: redness, tearing, blurred vision

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

No information available.

**Persistence/Degradability**

Component or components of this product are not biodegradable.

**Bioaccumulation**

This product is not expected to bioaccumulate.

**Mobility**

This product is mobile in soil.

**Other Adverse Effects**

None known.

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable federal, state and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

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

**14. TRANSPORT INFORMATION**

**Note**

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 UN1950 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**

**Proper Shipping Name** Aerosols, Ltd. Qty.  
**UN No** UN1950  
**Hazard Class** 2.1  
**Packaging Group** No information available

**IATA**

<b>Proper Shipping Name</b>	Aerosols, Ltd. Qty.
<b>UN No</b>	UN1950
<b>Hazard Class</b>	2.1
<b>Packaging Group</b>	No information available

**IMDG**

<b>Proper Shipping Name</b>	Aerosols, Ltd. Qty.
<b>UN No</b>	UN1950
<b>Hazard Class</b>	2.1
<b>Packaging Group</b>	No information available
<b>Environmental Hazards Water</b>	No information available

## 15. REGULATORY INFORMATION

**International Inventories****TSCA**

All Chemicals are listed or exempt.

**US Federal Regulations****SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain the following Chemical(s) which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**CERCLA**

This product does not contain substances regulated as pollutants pursuant to the Clean Water Act.

**California Proposition 65**

None.

## 16. OTHER INFORMATION

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Special Hazards</b>
	1	1	0	None
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	1	0	A

<b>Issue Date</b>	29-Jun-2015
<b>Revision Date:</b>	31-Jul-2017
<b>Revision Note</b>	New format

**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**

