

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

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention.
Skin Contact	Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation persists.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
Ingestion	Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.
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.
Chronic Hazards	May cause damage to the following organs: kidneys, liver, skin, and CNS depression.

Most important symptoms and effects

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	No information available. Treat symptomatically.
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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

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

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

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

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

15. REGULATORY INFORMATION

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

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

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 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

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

4. FIRST-AID MEASURES

First Aid Measures

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

Most important symptoms and effects

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.
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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

Physical State	Aerosol	Odor	Spice Scent
Appearance	White spray mist	Odor Threshold	Not determined
Color	White		

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

Melting Point/Freezing Point	No information available
Boiling Point/Boiling Range	No information available
Flash Point	>93C(>200°F)
Evaporation Rate	<1
Flammability (Solid, Gas)	Flammable aerosol
Upper Flammability Limits	No information available
Lower Flammability Limit	No information available
Vapor Pressure	17.5 @ 25°C(77°F)
Vapor Density	>2
Specific Gravity	0.97
Water Solubility	63%
Solubility in other solvents	No information available
Partition Coefficient	No information available
Auto ignition Temperature	No information available
Decomposition Temperature	No information available
Kinematic Viscosity	No information available
Property	Values
Dynamic Viscosity	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available
VOC Content	28.2%

Remarks • Method

10. STABILITY AND REACTIVITY

Reactivity

Not known.

Chemical Stability

Stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

Temperatures greater than 50°C/122°F and sources of ignition.

Incompatible Materials

Strong Oxidizing agents, Alkalies, Acids.

Hazardous Decomposition Products

Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information****Eye Contact**

May cause irritation.

Skin Contact

May cause mild irritation, localized defatting, repeated prolonged contact may cause allergic reaction in some individuals.

Inhalation

No hazards under normal use due to its low volatility. If vapor is present in high concentrations, irritation to upper respiratory tract may occur.

Ingestion

May cause gastric discomfort and nausea. No hazard by this route in normal use.

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

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

IMDG

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

15. REGULATORY INFORMATION

International Inventories**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	No
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 does not contain substances regulated as pollutants pursuant to the Clean Water Act.

California Proposition 65

None.

16. OTHER INFORMATION

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

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End of Safety Data Sheet

