Safety Data Sheet

Issue Date 11-Apr-2015 **Revision Date** 30-July-2015 **Version** 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Product Name United 185 FRESH BURST

Other means of identification
SDS# UNITED-185

Recommended use of the chemical and restrictions on use
Recommended Use Metered Air Freshener-Various Scents
(Fresh Linen, Orchard Blossom, Mango Mania and Sunny Citrus)
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 (24hr) 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 Aerosols	Category 1
Serious Eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3 narcotic effect

Label elements

Emergency Overview

Danger

Hazard statements
Extremely flammable aerosol. Causes serious eye irritation. May cause drowsiness or dizziness.

Environmental Hazards
None known.

Precautionary Statements-Prevention
Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn- pressurized container. Avoid breathing gas. Wash thoroughly after handling. Wear protective eye protection/face protection. Use only in well-ventilated area.

Precautionary Statements-Response
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continuing rinsing. If eye irritation persists: get medical advice/attention. Call poison center or physician if you feel unwell.

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

Precautionary -Disposal
Dispose of contents/container to in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Acetone	67-64-1	40-60	*
Diethylene Glycol Monoethyl Ether	111-90-0	10-20	*
Propane	74-98-6	10-20	*
Other components below reportable levels		10-20	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Skin Contact — Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact — Rinse with water. Get medical attention if irritation develops or persists.

Inhalation — Remove victim to fresh air and at rest in a position comfortable for breathing. Call a poison center or physician if you feel unwell.

Ingestion — Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/ Effects, acute and delayed — May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

Indication of immediate medical Attention and special treatment needed — Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Powder. Alcohol foam. Water spray. Carbon dioxide (CO2).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical
Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Protective equipment and precautions for firefighters
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-fighting equipment/instructions
Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

Specific Methods
Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes. Extremely flammable aerosol.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personnel protection, see Section 8 of the SDS.

Environmental precautions

Environmental precautions Avoid release to the environment. Inform appropriate personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Emergency procedures

Methods and material for containment and cleaning up

Methods for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if they leak is irreparable. Prevent entry into waterways, sewer, basements or confined areas.

Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. After product recovery, clean surfaces thoroughly to remove residual contamination. For waste disposal, see Section 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Storage Conditions Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Store locked up. Pressurized container. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Storing in a cool place is recommended. Store away from compatibles. Level 2 Aerosol.

Incompatible materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines/personal protection Exposure guidelines noted for ingredient(s).

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetone 67-64-1	TWA: 550 ppm STEL: 750 ppm	TWA: 2400 mg/m3 TWA: 1000 ppm	TWA: 250 ppm TWA: 590 mg/m^3
Propane 74-98-6	-	TWA:1000 ppm TWA: 1800 mg/m^3	TWA: 1800 mg/m^3 TWA: 1000 ppm
Diethylene Glycol Monoethyl Ether 111-90-0	**WEEL** TWA: 140 mg/m3 TWA: 25 ppm	-	-

Biological limit values
Acetone (67-64-1) – Value – 50mg/l. Determinant – Acetone. Specimen – Urine.

Appropriate engineering controls

Engineering Controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have been established, maintain airborne levels to an acceptable level. Provide eyewash

Individual protection measures, such as personal protective equipment

Eye/face protection and Skin/body protection If contact is likely, wear safety glasses with side shields (or goggles). If contact is likely, wear appropriate chemical resistant gloves and wear suitable protective clothing.

Respiratory protection If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

Wear appropriate thermal protective clothing, when necessary.

General Hygiene Considerations When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Aerosol.
Appearance	Clear Liquid Spritz
Color	Clear
Odor	Various Scents (Fresh Linen, Orchard Blossom, Mango Mania and Sunny Citrus)
Odor threshold	No Information available

Property	**Values**	**Remarks • Method**
pH	No information available	
Specific Gravity	0.693	
Viscosity	No information available	
Melting point/freezing point	No Information available	
Flash point	-156.0 °F (-104.4°C) propellant estimated	
High boiling point / boiling range	132.89 °F (56.05°C) estimated	
Evaporation rate	No information available.	
Flammability (solid, gas)	No information available.	
Flammability Limits in Air		
Upper explosion limit:	15.3% estimated	
Lower explosion limit:	1.6% estimated	
Vapor pressure	271.99psig @70F estimated	
Vapor density	No information available	
Water solubility	Miscible	
Partition coefficient	No Information available	
Autoignition temperature	No Information available	
Decomposition temperature	No information available	
Relative density	No information available	
Other Information		
Density	No information available	
Heat of combustion	No information available	
Heat of combustion (NFPA 30B)	No information available	
Percent volatile	No information available	
VOC (weight %)	<98% by weight	

10. STABILITY AND REACTIVITY

Reactivity
The product is stable and not-reactive under normal conditions of use, storage and transport.

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
Hazardous polymerization does not occur.

Conditions to avoid
Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials
Strong oxidizing agents.

Hazardous Decomposition Products
No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.

Eye contact Causes serious eye irritation.

Skin Contact No adverse effects due to skin contact are expected.

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

Chemical Name	Dermal LD50	Oral LD50	Inhalation LC50
Acetone 67-64-1)	>7426 mg/kg, 24 hours >9.4 ml/kg 24 hours (Rabbit)	5800 mg/kg 2.2 ml/kg (Rat)	55700 ppm, 3 hours 132 mg/l, 3 hours 50.1 mg/l (Rat)
Diethylene Glycol Monoethyl Ether 111-90-0	5900 mg/kg, days (Guinea pig)	4970 mg/kg (Guinea pig)	-
Propane 74-98-6	-	-	1355 mg/l 658 mg/l, 4 hours (Rat)

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.
Serious eye damage/irritation Causes serious eye irritation.
Skin Sensitization This product is not expected to cause skin sensitization.
Respiratory Sensitization No information available.
Germ cell mutagenicity No information available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
Reproductive toxicity This product is not expected to cause reproductive or developmental effects.
STOT - single exposure May cause dizziness or drowsiness.
STOT - repeated exposure No information available.
Aspiration hazard Not likely, due to the form of the product.
Chronic effects Prolonged inhalation may be harmful.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic life with long lasting effects.

Persistence and degradability
No information is available on the degradability of this product.

Bioaccumulation
No information available.

Partition coefficient n-octanol / water (log Kow)

Chemical Name	Partition coefficient
Acetone	-0.24

Diethylene Glycol Monoethyl Ether	-0.54
Propane	2.36

Mobility in Soil No information available.

Other adverse effects No other adverse environmental effects are expected from this component.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents in accordance with local/regional/national and international regulations.

RCRA Hazardous Waste Under RCRA, it is the responsibility of the user of the product, to determine a time of disposal. Whether the product meets RCRA criteria for hazardous waste. Acetone(67-64-1) U002

Waste from residues/unused products and contaminated packaging
Dispose of in accordance with local regulations. Empty container or liners may retain some product residues. Tis material and its container must be disposed of in a safe manner. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use containers.

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, flammable (ea. not exceeding 1L capacity)
Transport hazard class(es)	2.1
Label(s)	2.1
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306

IATA

UN Number	UN1950
UN shipping name	Aerosols, flammable
Transport hazard class(es)	2.1
Label(s)	2.1
ERG Code	Yes 10L
Passenger and cargo aircraft	Allowed
Packaging exceptions	Ltd. Qty.

IMDG

UN Number	UN1950
UN Proper shipping name	Aerosols
Transport hazard class(es)	2.1
Label(s)	2.1
Marine Pollutant	Yes
EmS	F-D, S-U
Packaging exceptions	Ltd. Qty.

15. REGULATORY INFORMATION

US Federal Information
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910,1200.

International Inventories
Australia, Canada, China, Europe, Japan, United States and Puerto Rico. – Yes

*Yes indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

SARA 312 Hazardous Chemicals
None known.

SARA 313 (TRI reporting)
Not regulated.

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CERCLA
This material, as supplied, does contain a substance regulates 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). Acetone (67-64-1)

CAA (Clean Air Act) Section 112 Hazardous Air Pollutants
Not regulated.

CAA (Clean Air Act) Sections 11(r) Accidental Release Prevention (40 CFR 68.130)
Propane (74-98-6)

SDWA (Safe Drinking Water Act)
Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04 (f)(2) and Chemical Code No and List 1 & 2 Exempt Chemical Mixtures
Acetone (67-64-1) 6532 – 35% WV

California Proposition 65
This product does not contain a chemical(s) currently listed as carcinogens or reproductive toxins.

US State Right-To Know Regulations

Chemical Name	New Jersey/Rhode Island	Massachusetts	Pennsylvania
Acetone 67-64-1	X	X	X
Propane 74-98-6	X	X	X

16. OTHER INFORMATION

NFPA	**Health hazards** -	**Flammability** -	**Reactivity** -	**Physical and Chemical Properties** -
HMIS	**Health hazards** 1	**Flammability** 3	**Reactivity** 0	**Personal protection** None

Issue Date 11-Apr-2015
Revision Date 30-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

Safety Data Sheet

Issue Date 11-Apr-2015 **Revision Date** 30-July-2015 **Version** 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Product Name United 185 FRESH BURST (Mulberry)

Other means of identification
SDS# UNITED-185

Recommended use of the chemical and restrictions on use
Recommended Use Metered Air Freshener
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 (24hr) 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 Aerosols	Category 1
Serious Eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3 narcotic effect

Label elements

Emergency Overview

Danger

Hazard statements
Extremely flammable aerosol. Causes serious eye irritation. Causes serious skin irritation. May cause drowsiness or dizziness.

Environmental Hazards
None known.

Precautionary Statements-Prevention
Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn- pressurized container. Avoid breathing gas. Wash thoroughly after handling. Wear protective eye protection/face protection. Use only in well-ventilated area.

Precautionary Statements-Response
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continuing rinsing. If eye irritation persists: get medical advice/attention. Call poison center or physician if you feel unwell. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing.

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

Precautionary -Disposal
Dispose of contents/container to in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Acetone	67-64-1	40-60	*
Diethylene Glycol Monoethyl Ether	111-90-0	10-20	*
Propane	74-98-6	10-20	*
Isobutane	75-28-5	2.5-10	*
Other components below reportable levels		10-20	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Skin Contact — Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact — Rinse with water. Get medical attention if irritation develops or persists.

Inhalation — Remove victim to fresh air and at rest in a position comfortable for breathing. Call a poison center or physician if you feel unwell.

Ingestion — Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/ Effects, acute and delayed — May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

Indication of immediate medical Attention and special treatment needed — Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Powder. Alcohol foam. Water spray. Carbon dioxide (CO2).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical
Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Protective equipment and precautions for firefighters
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-fighting equipment/instructions
Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

Specific Methods
Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes. Extremely flammable aerosol.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personnel protection, see Section 8 of the SDS.

Environmental precautions

Environmental precautions Avoid release to the environment. Inform appropriate personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Emergency procedures

Methods and material for containment and cleaning up

Methods for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if they leak is irreparable. Prevent entry into waterways, sewer, basements or confined areas.

Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. After product recovery, clean surfaces thoroughly to remove residual contamination. For waste disposal, see Section 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Store locked up. Pressurized container. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Storing in a cool place is recommended. Store away from compatibles. Level 2 Aerosol.

Incompatible materials

Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines/personal protection

Exposure guidelines noted for ingredient(s).

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetone 67-64-1	TWA: 550 ppm STEL: 750 ppm	TWA: 2400 mg/m3 TWA: 1000 ppm	TWA: 250 ppm TWA: 590 mg/m^3
Propane 74-98-6	-	TWA:1000 ppm TWA: 1800 mg/m^3	TWA: 1800 mg/m^3 TWA: 1000 ppm
Isobutane 75-28-5	STEL:1000 ppm	-	TWA: 1900 mg/m^3 TWA: 800 ppm
Diethylene Glycol Monoethyl Ether 111-90-0	**WEEL** TWA: 140 mg/m3 TWA: 25 ppm	-	-

Biological limit values

Acetone (67-64-1) – Value – 50mg/l. Determinant – Acetone. Specimen – Urine.

Appropriate engineering controls

Engineering Controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have been established, maintain airborne levels to an acceptable level. Provide eyewash

Individual protection measures, such as personal protective equipment

Eye/face protection and Skin/body protection

If contact is likely, safety glasses with side shields is recommended. If contact is likely, wear appropriate chemical resistant clothing and gloves.

Respiratory protection	If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator. Wear appropriate thermal protective clothing, when necessary.
General Hygiene Considerations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Aerosol.
Appearance	Clear Liquid Spritz
Color	Clear
Odor	
Odor threshold	No Information available

Property	**Values**	**Remarks • Method**
pH	No information available	
Specific Gravity	0.697	
Viscosity	No information available	
Melting point/freezing point	No Information available	
Flash point	-156.0 °F (-104.4°C) propellant estimated	
High boiling point / boiling range	152.04 °F (66.69°C) estimated	
Evaporation rate	No information available.	
Flammability (solid, gas)	No information available.	
Flammability Limits in Air		
Upper explosion limit:	15.3% estimated	
Lower explosion limit:	1.6% estimated	
Vapor pressure	244.88psig @70F estimated	
Vapor density	No information available	
Water solubility	Miscible	
Partition coefficient	No Information available	
Autoignition temperature	No Information available	
Decomposition temperature	No information available	
Relative density	No information available	
Other Information		
Density	No information available	
Heat of combustion	No information available	
Heat of combustion (NFPA 30B)	No information available	
Percent volatile	No information available	
VOC (weight %)	<98% by weight	

10. STABILITY AND REACTIVITY

Reactivity
The product is stable and not-reactive under normal conditions of use, storage and transport.

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
Hazardous polymerization does not occur.

Conditions to avoid
Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials
Strong oxidizing agents.

Hazardous Decomposition Products
No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Eye contact	Causes serious eye irritation.
Skin Contact	No adverse effects due to skin contact are expected.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

Chemical Name	Dermal LD50	Oral LD50	Inhalation LC50
Acetone 67-64-1)	>7426 mg/kg, 24 hours >9.4 ml/kg 24 hours (Rabbit)	5800 mg/kg 2.2 ml/kg (Rat)	55700 ppm, 3 hours 132 mg/l, 3 hours 50.1 mg/l (Rat)
Diethylene Glycol Monoethyl Ether 111-90-0	5900 mg/kg, days (Guinea pig)	4970 mg/kg (Guinea pig)	-
Propane 74-98-6	-	-	1355 mg/l 658 mg/l, 4 hours (Rat)
Isobutane 75-28-5	-	-	1355 mg/l (Rat)

Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Skin Sensitization	This product is not expected to cause skin sensitization.
Respiratory Sensitization	No information available.
Germ cell mutagenicity	No information available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
STOT - single exposure	May cause dizziness or drowsiness.
STOT - repeated exposure	No information available.
Aspiration hazard	Not likely, due to the form of the product.
Chronic effects	Prolonged inhalation may be harmful.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Persistence and degradability
No information is available on the degradability of this product.

Bioaccumulation
No information available.

Partition coefficient n-octanol / water (log Kow)

Chemical Name	Partition coefficient
Acetone	-0.24
Diethylene Glycol Monoethyl Ether	-0.54
Isobutane	2.76
Propane	2.36

Mobility in Soil No information available.

Other adverse effects No other adverse environmental effects are expected from this component.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents in accordance with local/regional/national and international regulations.

RCRA Hazardous Waste Under RCRA, it is the responsibility of the user of the product, to determine a time of disposal. Whether the product meets RCRA criteria for hazardous waste. Acetone(67-64-1) U002

Waste from residues/unused products and contaminated packaging
Dispose of in accordance with local regulations. Empty container or liners may retain some product residues. Tis material and its container must be disposed of in a safe manner. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use containers.

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, flammable (ea. not exceeding 1L capacity)
Transport hazard class(es)	2.1
Label(s)	2.1
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306

IATA

UN Number	UN1950
UN shipping name	Aerosols, flammable
Transport hazard class(es)	2.1
Label(s)	2.1
ERG Code	Yes 10L
Passenger and cargo aircraft	Allowed
Packaging exceptions	Ltd. Qty.

IMDG

UN Number	UN1950
UN Proper shipping name	Aerosols
Transport hazard class(es)	2.1
Label(s)	2.1
Marine Pollutant	Yes
EmS	F-D, S-U
Packaging exceptions	Ltd. Qty.

15. REGULATORY INFORMATION

US Federal Information

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910,1200.

International Inventories

Canada, United States and Puerto Rico. – Yes

*Yes indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

SARA 312 Hazardous Chemicals

None known.

SARA 313 (TRI reporting)

Not regulated.

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CERCLA

This material, as supplied, does contain a substance regulates 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). Acetone (67-64-1)

CAA (Clean Air Act) Section 112 Hazardous Air Pollutants

Not regulated.

CAA (Clean Air Act) Sections 11(r) Accidental Release Prevention (40 CFR 68.130)

Propane (74-98-6), Isobutane (75-28-5)

SDWA (Safe Drinking Water Act)

Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04 (f)(2) and Chemical Code No and List 1 & 2 Exempt Chemical Mixtures

Acetone (67-64-1) 6532 – 35% WV

California Proposition 65

This product does not contain a chemical(s) currently listed as carcinogens or reproductive toxins.

US State Right-To Know Regulations

Chemical Name	New Jersey/Rhode Island	Massachusetts	Pennsylvania
Acetone 67-64-1	X	X	X
Isobutane 75-28-5	X	X	X
Propane 74-98-6	X	X	X

16. OTHER INFORMATION

NFPA	**Health hazards** -	**Flammability** -	**Reactivity** -	**Physical and Chemical Properties** -
HMIS	**Health hazards** 1	**Flammability** 3	**Reactivity** 0	**Personal protection** None

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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 a 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