




PRO[®] CHEM SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	133621	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	TOTALLY DRY FRESH BREEZE	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Room Deodorant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable Aerosols - Category 1 Gasses under pressure - Liquefied gas Eye Irritation - Category 2 Specific Target Organ Toxicity (single exposure) - Category 3	SIGNAL WORD: DANGER	SYMBOL:			
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HAZARD STATEMENTS:

Keep out of reach of children.
 Read label and SDS before use.
 Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 May cause drowsiness or dizziness.
 Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:

Prevention:
 Avoid breathing mist/spray.
 Use only outdoors or in a well-ventilated area.
 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.
 Wash hands thoroughly after handling.
 Wear eye protection.

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 INHALED: Remove person to fresh air and keep comfortable for breathing.
 Call a poison center or doctor if you feel unwell.

Storage:

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

Disposal: Dispose of contents and container in accordance with all local, regional, and national regulations.

HAZARDOUS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	Concentration % by Weight	CAS
Acetone	>=60 <= 80	67-64-1
Propane	>=10 <= 20	74-98-6
Butane	>=5 <= 10	106-97-8

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: Extremely flammable. Contents under pressure. Keep away from heat and flame.

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.

SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Take off contaminated clothing and wash it before reuse.

INHALATION:

Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

INGESTION:

May be harmful if swallowed. Seek medical attention immediately. Do NOT induce vomiting.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, fog, or foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion.

Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion.

Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide.

SPECIFIC FIRE-FIGHTING METHODS:

Promptly isolate the scene by removing all persons from the vicinity of the incident, if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area, if this can be done without risk. Use water spray to keep fire-exposed containers cool.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Put on appropriate personal protective equipment (see Section 8).

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams, or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

7. Handling and Storage

Do not use or store near heat, sparks, or open flame. Exposure to temperatures above 120°F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin, or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

8. Exposure Controls / Personal Protection

Acetone

ACGIH TLV: 500 ppm

OSHA PEL: 750 ppm

Butane

ACGIH TLV: 1000 ppm

Propane

ACGIH TLV: 1000 ppm

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Wear safety glasses or goggles.

SKIN PROTECTION: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile, or neoprene).

RESPIRATORY PROTECTION: When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

ENGINEERING CONTROLS:

Good general ventilation required.

9. Physical & Chemical Properties

Appearance:	Clear spray, mist.	Color:	Colorless.
Oxidizing Properties:	Not available.	Odor Threshold:	Not available.
Physical State:	Liquid.	VOC Content (Wt. %):	30
Relative Density:	0.8	Solubility(Water):	Insoluble.
Vapor Pressure:	Not available.	Flash Point:	< 0°F (liquid portion)
Odor:	Pleasant.	Vapor Density:	Not available.
pH:	Not applicable.	Boiling Point:	Not available.
Viscosity:	Not available.	Explosive Limit Ranges:	Not available.
Melting/Freezing Point:	Not available.	Evaporation Rate:	Not available.
Decomposition Temperature:	Not available.	Partition Coeff:	Not available.
Auto-Ignition Temperature:	Not available.	Explosive Properties:	Not available.

10. Stability & Reactivity Information

REACTIVITY:

Under normal conditions of storage and use, hazardous reactions will not occur.

CHEMICAL STABILITY:

Stable under normal conditions.

INCOMPATIBLE MATERIALS:

Acids, strong oxidizers.

CONDITIONS TO AVOID:

High temperatures, open flames, sparks, welding.

DECOMPOSITION PRODUCTS:

CO, CO2

**Vapors may ignite at temperatures exceeding flash point.

11. Toxicological Information**PRIMARY ROUTE OF ENTRY:**

Inhalation, eye contact.

ACUTE/POTENTIAL HEALTH EFFECTS:**EYES:** Causes serious eye irritation. Symptoms include stinging, tearing and redness.**SKIN:** May cause skin irritation. Symptoms may include redness and drying of skin.**INHALATION:** High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract. May cause nose, throat and respiratory tract irritation, coughing and headache.**INGESTION:** May be harmful if swallowed.**CHRONIC/LONG TERM EFFECTS:**

Overexposure to this material through inhalation may cause central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

TARGET ORGAN EFFECTS:

Central nervous system.

CARCINOGENICITY:

This material is not listed as a carcinogen by IARC, NTP or OSHA.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION:

None known.

ACUTE TOXICITY VALUES:

Acetone: Dermal, guinea pig: LD50 = >9400 uL/kg; Draize test, rabbit, eye: 20 mg/24 Hr Moderate; Draize test, rabbit, skin: 500 mg/24 Hr

Mild; Inhalation, mouse: LC50 = 44 gm/m3/4H; Oral, mouse: LD50 = 3 g/kg.

12. Ecological Information

Acetone: LC50 Fish: Rainbow trout -5540 mg/l, 96 hr; LC50 fish: Bluegill/sunfish -8300 mg/l, 95 hr.

13. Disposal Consideration

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. See label for further instructions.

14. Transportation Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number: 1950**Proper shipping name:** Aerosols, flammable.**Class:** 2.1**Packing group:** --**15. Regulatory Information****CERCLA RQ (40 CFR 302)**

Acetone: 5000 lbs

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312:

Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic (X) Fire (X) Pressure (X) Reactive () Not Applicable ()

T.S.C.A. Status:

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status:

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s): D001

16. Other Information**DISCLAIMER:**




To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

PRO[®]CHEM SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	133631	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	TOTALLY DRY LEMON FRESH	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Room Deodorant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable Aerosols - Category 1 Gases under pressure - Liquefied gas Skin Sensitization - Category 1 Eye Irritation - Category 2 Specific Target Organ Toxicity (single exposure) - Category 3	SIGNAL WORD: DANGER	SYMBOL:			
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HAZARD STATEMENTS:

Keep out of reach of children.
 Read label and SDS before use.
 Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 May cause drowsiness or dizziness.
 Causes serious eye irritation.
 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:

Prevention:

Avoid breathing mist/spray.
 Use only outdoors or in a well-ventilated area.
 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.
 Wash hands thoroughly after handling.
 Wear eye protection. Wear protective gloves.
 Contaminated work clothing must not be allowed out of the workplace.

Response:

IF ON SKIN: Wash with plenty of soap and water.
 Wash contaminated clothing before reuse.
 If skin irritation or rash occurs: Get medical attention.
 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 INHALED: Remove person to fresh air and keep comfortable for breathing.
 Call a poison center or doctor if you feel unwell.

Storage:

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

Disposal: Dispose of contents and container in accordance with all local, regional, and national regulations.

HAZARDOUS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	Concentration % by Weight	CAS
Acetone	>=60 <= 80	67-64-1
Propane	>=10 <= 20	74-98-6
Butane	>=5 <= 10	106-97-8
Fragrance	>=1 <= 10	N/A

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: Extremely flammable. Contents under pressure. Keep away from heat and flame.

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.

SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Take off contaminated clothing and wash it before reuse.

INHALATION:

Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

INGESTION:

May be harmful if swallowed. Seek medical attention immediately. Do NOT induce vomiting.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, fog, or foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion.

Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion.

Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide.

SPECIFIC FIRE-FIGHTING METHODS:

Promptly isolate the scene by removing all persons from the vicinity of the incident, if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area, if this can be done without risk. Use water spray to keep fire-exposed containers cool.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Put on appropriate personal protective equipment (see Section 8).

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams, or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

7. Handling and Storage

Do not use or store near heat, sparks, or open flame. Exposure to temperatures above 120°F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin, or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

8. Exposure Controls / Personal Protection

Acetone

ACGIH TLV: 500 ppm

OSHA PEL: 750 ppm

Butane

ACGIH TLV: 1000 ppm

Propane

ACGIH TLV: 1000 ppm

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Wear safety glasses or goggles.

SKIN PROTECTION: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile, or neoprene).

RESPIRATORY PROTECTION: When respiratory protection is required, use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

ENGINEERING CONTROLS:

Good general ventilation required.

9. Physical & Chemical Properties

Appearance:	Clear spray, mist.	Color:	Colorless.
Oxidizing Properties:	Not available.	Odor Threshold:	Not available.
Physical State:	Liquid.	VOC Content (Wt. %):	30
Relative Density:	0.8	Solubility (Water):	Insoluble.
Vapor Pressure:	Not available.	Flash Point:	< 0°F (liquid portion)
Odor:	Pleasant.	Vapor Density:	Not available.
pH:	Not applicable.	Boiling Point:	Not available.
Viscosity:	Not available.	Explosive Limit Ranges:	Not available.
Melting/Freezing Point:	Not available.	Evaporation Rate:	Not available.
Decomposition Point:	Not available.	Partition Coeff:	Not available.
Auto-Ignition Point:	Not available.	Explosive Properties:	Not available.

10. Stability & Reactivity Information

REACTIVITY:

Under normal conditions of storage and use, hazardous reactions will not occur.

CHEMICAL STABILITY:

Stable under normal conditions.

INCOMPATIBLE MATERIALS:

Acids, strong oxidizers.

CONDITIONS TO AVOID:

High temperatures, open flames, sparks, welding.

DECOMPOSITION PRODUCTS:

CO, CO2

**Vapors may ignite at temperatures exceeding flash point.

11. Toxicological Information**PRIMARY ROUTE OF ENTRY:**

Inhalation, eye, and skin contact.

ACUTE/POTENTIAL HEALTH EFFECTS:**EYES:** Causes serious eye irritation. Symptoms include stinging, tearing and redness.**SKIN CORROSION/IRRITATION:** May cause skin irritation. Symptoms may include redness and drying of skin.**INHALATION:** High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract. May cause nose, throat and respiratory tract irritation, coughing, and headache.**INGESTION:** May be harmful if swallowed.**CHRONIC/LONG TERM EFFECTS:**

May cause skin sensitization. Overexposure to this material through inhalation may cause central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

TARGET ORGAN EFFECTS:

Skin, central nervous system.

CARCINOGENICITY:

This material is not listed as a carcinogen by IARC, NTP or OSHA.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION:

None known.

ACUTE TOXICITY VALUES:

Acetone: Dermal, guinea pig: LD50 = >9400 uL/kg; Draize test, rabbit, eye: 20 mg/24 Hr Moderate; Draize test, rabbit, skin: 500 mg/24 Hr

Mild; Inhalation, mouse: LC50 = 44gm/m3/4H; Oral, mouse: LD50 = 3 g/kg.

12. Ecological Information

Acetone: LC50 Fish: Rainbow trout -5540 mg/l, 96 hr; LC50 fish: Bluegill/sunfish -8300 mg/l, 95 hr.

13. Disposal Consideration

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. See label for further instructions.

14. Transportation Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number: 1950**Proper shipping name:** Aerosols, flammable.**Class:** 2.1**Packing group:** --**15. Regulatory Information****CERCLA RQ (40 CFR 302)**

Acetone: 5000 lbs

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312:

Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic (X) Fire (X) Pressure (X) Reactive () Not Applicable ()

T.S.C.A. Status:

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status:

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s): D001

16. Other Information**DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	137611	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	TOTALLY DRY LINEN	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Room Deodorant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable Aerosol: Category 2 Liquefied Gas Skin Sensitization: Category 1	SIGNAL WORD: WARNING	SYMBOL:	
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HAZARD STATEMENTS:

Flammable Aerosol. Contains gas under pressure; May explode if heated. May cause an allergic skin reaction.
This product contains the following percentage of chemicals of unknown toxicity: 0%

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. Avoid breathing fumes, mist or spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.

Response: IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.

Storage: Store in a well-ventilated place.

Disposal: Dispose of contents in accordance with local, state and national regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Fragrance	Mixture	1-5%
Propane/n-Butane	68476-86-8	10-30%

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.

SKIN: 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.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Acute: Eyes: Redness, tearing, blurred vision.

CHRONIC HEALTH HAZARDS:

None known.

NOTE 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.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

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

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Not applicable.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

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

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon

SPECIFIC FIRE-FIGHTING METHODS:

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

SPECIAL PROTECTIVE EQUIPMENT 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.

6. Accidental Release Measures

PERSONAL PROTECTIVE EQUIPMENT:

Refer to Section 8 for proper personal protective equipment.

SPILL: 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.

7. Handling and Storage**SAFE HANDLING:**

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.

SAFE STORAGE & INCOMPATIBILITIES:

Keep out of the reach of children. Strong oxidizers, alkalies, acids.

8. Exposure Controls / Personal Protection

Hazardous Ingredient	OSHA PEL	ACGIH TLV
Fragrance	Not established	Not established
Propane/n-Butane	1000 ppm	1000 ppm

PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection: Safety glasses.

Skin Protection: Chemical resistant gloves.

Respiratory Protection: Not required with normal use.

General Hygiene Considerations: Wash hands thoroughly after handling.

APPROPRIATE ENGINEERING CONTROLS:

Ambient ventilation adequate.

9. Physical & Chemical Properties

Appearance:	White spray mist.	Flammability:	Flammable aerosol.
Odor:	Linen scent.	Flammability Limit-lower (%):	Not determined.
Odor Threshold:	Not determined.	Flammability Limit-upper (%):	Not determined.
pH:	7.0.	Vapor Density (AIR=1):	>2.
Freezing Point:	Not determined.	Vapor Pressure(mm Hg):	17.5 @ 77°F (25°C).
Boiling Point/Range:	Not determined.	Solubility (water):	63%.
Viscosity:	Not determined.	Auto-Ignition Temp:	Not determined.
Flash Point:	>200°F (93°C).	Decomposition Temp:	Not determined.
Specific Gravity (H₂O=1):	0.97 @ 77°F (25°C).	Partition Coeff(n-octanol/water)(Kow):	Not determined.
Evaporation Rate:	Slow.	VOC:	25%.

10. Stability & Reactivity Information**REACTIVITY:**

None known.

CHEMICAL STABILITY:

Stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

None known.

CONDITIONS TO AVOID:

Temperatures greater than 122°F and sources of ignition.

INCOMPATIBLE MATERIALS:

Strong oxidizers, alkalies, acids.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon.

11. Toxicological Information**TOXICOLOGICAL INFORMATION:**

Not established.

PRIMARY ROUTE OF ENTRY:

Eyes: May cause irritation.

Skin: 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.

ACUTE HEALTH HAZARDS:

Eyes: Redness, tearing, blurred vision.

CHRONIC HEALTH HAZARDS:

None known.

MEDICAL CONDITION AGGRAVATED:

None known.

CARCINOGENICITY:

OSHA: No.

ACGIH: No.

NTP: No.

IARC: No.

OTHER: Not applicable.

CHRONIC EFFECTS:

None known.

12. Ecological Information**ECOLOGICAL INFORMATION:**

Not established.

BIODEGRADABILITY:

Component or components of this product are not biodegradable.

BIOACCUMULATIVE POTENTIAL:

This product is not expected to bioaccumulate.

MOBILITY IN SOIL:

This product is mobile in soil.

OTHER ADVERSE EFFECTS:

None known.

13. Disposal Consideration**DISPOSAL INSTRUCTIONS:**

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 nonhazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. Transportation Information

DOT: UN Number: UN1950
UN Proper Shipping Name: Aerosols, Ltd. Qty.
Transport Hazard Class(es):
Class: 2.1

IATA: UN Number: UN1950
UN Proper Shipping Name: Aerosols, Ltd. Qty.
Transport Hazard Class(es):
Class: 2.1

IMDG: UN Number: UN1950
UN Proper Shipping Name: Aerosols, Ltd. Qty.
Transport Hazard Class(es):
Class: 2.1

Packing Group: Not applicable.
Environmental Hazards: Not applicable.

15. Regulatory Information**US FEDERAL REGULATIONS:**

TSCA STATUS: All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None.

SARA 311/312 Hazardous Categories: None.

SARA 313 (TRI reporting): None.

US STATE REGULATIONS:

California Proposition 65: None.

16. Other Information**DISCLAIMER:**




To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

PRO[®]CHEM SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	133602	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	TOTALLY DRY MULBERRY	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Room Deodorant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable Aerosols - Category 1 Gases under pressure - Liquefied gas Skin Sensitization - Category 1 Eye Irritation - Category 2 Specific Target Organ Toxicity (single exposure) - Category 3	SIGNAL WORD: DANGER	SYMBOL:			
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HAZARD STATEMENTS:

Keep out of reach of children.
 Read label and SDS before use.
 Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 May cause drowsiness or dizziness.
 Causes serious eye irritation.
 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:

Prevention:

Avoid breathing mist/spray.
 Use only outdoors or in a well-ventilated area.
 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.
 Wash hands thoroughly after handling.
 Wear eye protection. Wear protective gloves.
 Contaminated work clothing must not be allowed out of the workplace.

Response:

IF ON SKIN: Wash with plenty of soap and water.
 Wash contaminated clothing before reuse.
 If skin irritation or rash occurs: Get medical attention.
 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 INHALED: Remove person to fresh air and keep comfortable for breathing.
 Call a poison center or doctor if you feel unwell.

Storage:

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

Disposal: Dispose of contents and container in accordance with all local, regional, and national regulations.

HAZARDOUS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	Concentration % by Weight	CAS
Acetone	>=60 <= 80	67-64-1
Propane	>=10 <= 20	74-98-6
Butane	>=5 <= 10	106-97-8
Fragrance	>=1 <= 10	N/A

4. First Aid Measures

EMERGENCY OVERVIEW

DANGER: Extremely flammable. Contents under pressure. Keep away from heat and flame.

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.

SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Take off contaminated clothing and wash it before reuse.

INHALATION:

Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

INGESTION:

May be harmful if swallowed. Seek medical attention immediately. Do NOT induce vomiting.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, fog, or foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

SPECIFIC FIRE-FIGHTING METHODS:

Promptly isolate the scene by removing all persons from the vicinity of the incident, if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area, if this can be done without risk. Use water spray to keep fire-exposed containers cool.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Put on appropriate personal protective equipment (see Section 8).

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams, or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

7. Handling and Storage

Do not use or store near heat, sparks, or open flame. Exposure to temperatures above 120°F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin, or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

8. Exposure Controls / Personal Protection

Acetone

ACGIH TLV: 500 ppm

OSHA PEL: 750 ppm

Butane

ACGIH TLV: 1000 ppm

Propane

ACGIH TLV: 1000 ppm

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Wear safety glasses or goggles.

SKIN PROTECTION: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile, or neoprene).

RESPIRATORY PROTECTION: When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

ENGINEERING CONTROLS:

Good general ventilation required.

9. Physical & Chemical Properties

Appearance:	Clear spray, mist.	Color:	Colorless.
Oxidizing Properties:	Not available.	Odor Threshold:	Not available.
Physical State:	Liquid.	VOC Content (Wt. %):	30
Relative Density:	0.8	Solubility(Water):	Insoluble.
Vapor Pressure:	Not available.	Flash Point:	< 0°F (liquid portion)
Odor:	Pleasant.	Vapor Density:	Not available.
pH:	Not applicable.	Boiling Point:	Not available.
Viscosity:	Not available.	Explosive Limit Ranges:	Not available.
Melting/Freezing Point:	Not available.	Evaporation Rate:	Not available.
Decomposition Point:	Not available.	Partition Coeff:	Not available.
Auto-Ignition Point:	Not available.	Explosive Properties:	Not available.

10. Stability & Reactivity Information

REACTIVITY:

Under normal conditions of storage and use, hazardous reactions will not occur.

CHEMICAL STABILITY:

Stable under normal conditions.

INCOMPATIBLE MATERIALS:

Acids, strong oxidizers.

CONDITIONS TO AVOID:

High temperatures, open flames, sparks, welding.

DECOMPOSITION PRODUCTS:

CO, CO₂

**Vapors may ignite at temperatures exceeding flash point.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Inhalation, eye, and skin contact.

ACUTE/POTENTIAL HEALTH EFFECTS:

EYES: Causes serious eye irritation. Symptoms include stinging, tearing and redness.

SKIN CORROSION/IRRITATION: May cause skin irritation. Symptoms may include redness and drying of skin.

SERIOUS EYE DAMAGE/IRRITATION: Overexposure will cause redness and burning sensation. Causes serious eye irritation.

INHALATION: High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract. May cause nose, throat and respiratory tract irritation, coughing, and headache.

INGESTION: May be harmful if swallowed.

CHRONIC/LONG TERM EFFECTS:

Overexposure to this material through inhalation may cause central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

TARGET ORGAN EFFECTS:

Central nervous system.

CARCINOGENICITY:

This material is not listed as a carcinogen by IARC, NTP or OSHA.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION:

None known.

ACUTE TOXICITY VALUES:

Acetone: Dermal, guinea pig: LD50 = >9400 uL/kg; Draize test, rabbit, eye: 20 mg/24 Hr Moderate; Draize test, rabbit, skin: 500 mg/24 Hr Mild; Inhalation, mouse: LC50 = 44gm/m³/4H; Oral, mouse: LD50 = 3 g/kg.

12. Ecological Information

Acetone: LC50 Fish: Rainbow trout -5540 mg/l, 96 hr; LC50 fish: Bluegill/sunfish -8300 mg/l, 95 hr.

13. Disposal Consideration

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. See label for further instructions.

14. Transportation Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number: 1950

Proper shipping name: Aerosols, flammable.

Class: 2.1

Packing group: --

15. Regulatory Information

CERCLA RQ (40 CFR 302)

Acetone: 5000 lbs

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic (X) Fire (X) Pressure (X) Reactive () Not Applicable ()

T.S.C.A. Status:

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status:

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s): D001

16. Other Information

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	137601	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	TOTALLY DRY POWDER FRESH	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Room Deodorant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Specific Target Organ Toxicity(single exposure) Narcotic Effects: Category 3 Eye Irritation: Category 2A Acute Toxicity Oral: Category 5 Aerosol: Category 1	SIGNAL WORD: DANGER	SYMBOL:		
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HAZARD STATEMENTS:

- H222, H229 - Extremely flammable aerosol, pressurized container may burst if heated.
- H303 - May be harmful if swallowed.
- H319 - Causes serious eye irritation.
- H336 - May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS:

- P101 - If medical advice is needed, have product container or label at hand.
- P102 - Keep out of reach of children.
- P103 - Read label before use.

Prevention:

- P264 - Wash thoroughly after handling.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P271 - Use only outdoors or in a well-ventilated area.
- P210 - Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- P211 - Do not spray on an open flame or open ignition source.
- P251 - Do not pierce or burn, even after use.

Response:

- P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 - If eye irritation persists: Get medical advice/attention.
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Storage:

- P403 + P405 - Store in a well-ventilated place. Store locked up.
- P410 - Protect from sunlight.
- P412 - Do not expose to temperatures exceeding 50°C/122°F.

Disposal: P501 - Dispose of contents and container in accordance with all local, regional, national, and international regulations.

3. Composition / Information on Ingredients

CHEMICAL NAME	Concentration % by Weight	CAS
Acetone	46% - 81%	67-64-1
Propane	19% - 34%	74-98-6

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention

SKIN: Take off immediately all contaminated clothing, shoes, and leather goods (e.g. watchbands, belts). Gently blot or brush away excess product. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. Call a POISON CENTER/doctor if you feel unwell. Store contaminated clothing under water and wash before reuse or discard.

INHALATION:

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If exposed/feel unwell/concerned: Call a POISON CENTER/doctor. Eliminate all ignition sources, if safe to do so.

INGESTION:

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position. Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water, fog, dry chemical, or carbon dioxide. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided, as water destroys the foam.

UNSUITABLE EXTINGUISHING MEDIA:

Water may be ineffective but can be used to cool containers exposed to heat or flame.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Aerosol cans may rupture when heated. Heated cans may burst. In fire, will decompose to carbon dioxide, carbon monoxide.

SPECIFIC FIRE-FIGHTING METHODS:

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release, if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear. Care should always be exercised in dust/mist areas.

6. Accidental Release Measures

EMERGENCY PROCEDURE:

Flammable/combustible material. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stay upwind; keep out of low areas. Immediately turn off or isolate any source of ignition. Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Clean up immediately. Use absorbent sweeping compound to soak up material and put into suitable container for proper disposal.

RECOMMENDED EQUIPMENT:

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

PERSONAL PRECAUTIONS:

ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Use explosion proof equipment. Avoid breathing vapor. Avoid contact with skin, eye, or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

7. Handling and Storage

GENERAL:

For industrial and institutional use only. For use by trained personnel only. Keep away from children. Wash hands after use. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. Eyewash stations and showers should be available in areas where this material is used and stored.

VENTILATION REQUIREMENTS:

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

STORAGE ROOM REQUIREMENTS:

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous. Do not cut, drill, grind, weld, or perform similar operations on or near containers. Do not pressurize containers to empty them. Ground all structures, transfer containers and equipment to conform to the national electrical code. Use procedures that prevent static electrical sparks. Static electricity may accumulate and create a fire hazard. Store at temperatures below 120°F.

8. Exposure Controls / Personal Protection

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Chemical goggles, safety glasses with side shields or vented/splash-proof goggles. Contact lenses may absorb irritants. Particles may adhere to lenses and cause corneal damage.

SKIN PROTECTION: Wear gloves, long sleeved shirt, long pants, and other protective clothing as required to minimize skin contact. Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene, or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Chemical-resistant clothing is recommended to avoid prolonged contact. Avoid unnecessary skin contact.

RESPIRATORY PROTECTION: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapors. When spraying more than one-half can continuously or more than one can consecutively, use NIOSH approved respirator.

ENGINEERING CONTROLS:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA-Tables-Z1,2,3	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
ACETONE	1000	2400			1			250	590			
PROPANE	1000	1800			1			1000	1800			

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)
ACETONE	500	1188	750	1782
PROPANE	See Appendix F: Minimal Oxygen Content			

9. Physical & Chemical Properties			
Density:	5.67350 lb/gal	Density VOC:	1.64532 lb/gal
% VOC:	29.00000%	VOC Actual:	1.64532 lb/gal
VOC Regulatory:	1.64532 lb/gal	VOC Actual:	197.15823 g/l
VOC Regulatory:	197.15823 g/l	Appearance:	Not available.
Odor Threshold:	Not available.	Odor Description:	Not available.
pH:	Not available.	Water Solubility:	Not available.
Flammability:	Flashpoint below 73°F	Flash Point Symbol:	Not available.
Viscosity:	Not available.	Flash Point:	Not available.
Lower Explosion Level:	Not available.	Upper Explosion Level:	Not available.
Melting Point:	Not available.	Vapor Density:	Slower than ether
Freezing Point:	Not available.	Low Boiling Point:	Not available.
Decomposition Point:	Not available.	High Boiling Point:	Not available.
Auto-Ignition Point:	Not available.	Evaporation Rate:	Slower than ether

10. Stability & Reactivity Information	
REACTIVITY:	Will not occur.
CHEMICAL STABILITY:	Stable.
INCOMPATIBLE MATERIALS:	None known.
CONDITIONS TO AVOID:	High temperatures.
DECOMPOSITION PRODUCTS:	In fire will decompose to carbon dioxide, carbon monoxide.

11. Toxicological Information	
SKIN CORROSION/IRRITATION:	Overexposure will cause defatting of skin.
SERIOUS EYE DAMAGE/IRRITATION:	Overexposure will cause redness and burning sensation. Causes serious eye irritation.
CARCINOGENICITY:	No data available.
GERM CELL MUTAGENICITY:	No data available.
REPRODUCTIVE TOXICITY:	No data available.
RESPIRATORY/SKIN SENSITIZATION:	No data available.
SPECIFIC TARGET ORGAN TOXICITY - Single Exposure:	May cause drowsiness or dizziness.
SPECIFIC TARGET ORGAN TOXICITY - Repeated Exposure:	No data available.
ASPIRATION HAZARD:	Aspiration hazard if swallowed.
ACUTE TOXICITY:	Inhalation: Effects of overexposure include irritation of respiratory tract, headache, dizziness, nausea, and loss of coordination. Extreme overexposure may result in unconsciousness and possibly death. 67-64-1: ACETONE LC50 (male rat): 30000 ppm (4-hour exposure); cited as 71000 mg/m ³ (4-hour exposure) (29) LC50 (male mouse): 18600 ppm (4-hour exposure); cited as 44000 mg/m ³ (4-hour exposure) (29) LD50 (oral, female rat): 5800 mg/kg (24) LD50 (oral, mature rat): 6700 mg/kg (cited as 8.5 mL/kg) (31) LD50 (oral, newborn rat): 1750 mg/kg (cited as 2.2 mL/kg) (31) LD50 (oral, mouse): 3000 mg/kg (32, unconfirmed) LD50 (dermal, rabbit): Greater than 16000 mg/kg cited as 20 mL/kg (30)
Potential Health Effects - Miscellaneous	000067-64-1 ACETONE

The following medical conditions may be aggravated by exposure: lung disease, eye disorders, and skin disorders. Overexposure may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, respiratory system, skin.

12. Ecological Information

TOXICITY:

No data available.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

No data available.

BIOACCUMULATIVE POTENTIAL:

Does not bio accumulate.

0000067-64-1 ACETONE

PERSISTENCE AND DEGRADABILITY:

0000067-64-1 ACETONE

91% readily biodegradable, Method: OECD Test Guideline 301B

13. Disposal Consideration

Under RCRA, it is the responsibility of the user of the product to determine the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws. Empty containers retain product residue which may exhibit hazards of material; therefore, do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

14. Transportation Information

U.S.-DOT INFORMATION:

Consumer Commodity, ORM-D

IMDG INFORMATION:

Consumer Commodity, ORM-D

IATA INFORMATION:

Consumer Commodity, ORM-D

15. Regulatory Information

CAS	Chemical Name	% By Weight	Regulation List
67-64-1	ACETONE	46% - 81%	CERCLA,SARA312,TSCA,RCRA,ACGIH,OSHA
74-98-6	PROPANE	19% - 34%	SARA312,TSCA,ACGIH,OSHA

16. Other Information

Glossary:

* There are points of differences between OSHA GHS and UN GHS. In 90% of the categories, they can be used interchangeably, but for the Skin Corrosion/Irritant Category and the Specific Target Organ Toxicity (Single and Repeated Exposure) Categories. In these cases, our system will say UN GHS.
ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ
- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA
- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

DISCLAIMER:




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PRO[®]CHEM SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	133611	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	TOTALLY DRY SUMMERTIME	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Room Deodorant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable Aerosols - Category 1 Gases under pressure - Liquefied gas Skin Sensitization - Category 1 Eye Irritation - Category 2 Specific Target Organ Toxicity (single exposure): Category 3	SIGNAL WORD: DANGER	SYMBOL:			
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HAZARD STATEMENTS:

Keep out of reach of children.
 Read label and SDS before use.
 Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 May cause drowsiness or dizziness.
 Causes serious eye irritation.
 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:

Prevention:
 Avoid breathing mist/spray.
 Use only outdoors or in a well-ventilated area.
 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.
 Wash hands thoroughly after handling.
 Wear eye protection. Wear protective gloves.
 Contaminated work clothing must not be allowed out of the workplace.

Response:

IF ON SKIN: Wash with plenty of soap and water.
 Wash contaminated clothing before reuse.
 If skin irritation or rash occurs: Get medical attention.
 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 INHALED: Remove person to fresh air and keep comfortable for breathing.
 Call a poison center or doctor if you feel unwell.

Storage:

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

Disposal: Dispose of contents and container in accordance with all local, regional, and national regulations.

HAZARDOUS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	Concentration % by Weight	CAS
Acetone	>=60 <= 80	67-64-1
Propane	>=10 <= 20	74-98-6
Butane	>=5 <= 10	106-97-8
Fragrance	>=1 <= 10	N/A

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: Extremely flammable. Contents under pressure. Keep away from heat and flame.

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.

SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Take off contaminated clothing and wash it before reuse.

INHALATION:

Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

INGESTION:

May be harmful if swallowed. Seek medical attention immediately. Do NOT induce vomiting.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, fog, or foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion.

Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion.

Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide.

SPECIFIC FIRE-FIGHTING METHODS:

Promptly isolate the scene by removing all persons from the vicinity of the incident, if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area, if this can be done without risk. Use water spray to keep fire-exposed containers cool.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Put on appropriate personal protective equipment (see Section 8).

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams, or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

7. Handling and Storage

Do not use or store near heat, sparks, or open flame. Exposure to temperatures above 120°F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin, or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

8. Exposure Controls / Personal Protection

Acetone

ACGIH TLV: 500 ppm

OSHA PEL: 750 ppm

Butane

ACGIH TLV: 1000 ppm

Propane

ACGIH TLV: 1000 ppm

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Wear safety glasses or goggles.

SKIN PROTECTION: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile, or neoprene).

RESPIRATORY PROTECTION: When respiratory protection is required, use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

ENGINEERING CONTROLS:

Good general ventilation required.

9. Physical & Chemical Properties

Appearance:	Clear spray, mist.	Color:	Colorless.
Oxidizing Properties:	Not available.	Odor Threshold:	Not available.
Physical State:	Liquid.	VOC Content (Wt. %):	30
Relative Density:	0.8	Solubility(Water):	Insoluble.
Vapor Pressure:	Not available.	Flash Point:	< 0°F (liquid portion)
Odor:	Pleasant.	Vapor Density:	Not available.
pH:	Not applicable.	Boiling Point:	Not available.
Viscosity:	Not available.	Explosive Limit Ranges:	Not available.
Melting/Freezing Point:	Not available.	Evaporation Rate:	Not available.
Decomposition Temperature:	Not available.	Partition Coeff:	Not available.
Auto-Ignition Temperature:	Not available.	Explosive Properties:	Not available.

10. Stability & Reactivity Information

REACTIVITY:

Under normal conditions of storage and use, hazardous reactions will not occur.

CHEMICAL STABILITY:

Stable under normal conditions.

INCOMPATIBLE MATERIALS:

Acids, strong oxidizers.

CONDITIONS TO AVOID:

High temperatures, open flames, sparks, welding.

DECOMPOSITION PRODUCTS:

CO, CO2

**Vapors may ignite at temperatures exceeding flash point.

11. Toxicological Information**PRIMARY ROUTE OF ENTRY:**

Inhalation, eye, and skin contact.

ACUTE/POTENTIAL HEALTH EFFECTS:**EYES:** Causes serious eye irritation. Symptoms include stinging, tearing and redness.**SKIN:** May cause skin irritation. Symptoms may include redness and drying of skin.**INHALATION:** High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract. May cause nose, throat and respiratory tract irritation, coughing, and headache.**INGESTION:** May be harmful if swallowed.**CHRONIC/LONG TERM EFFECTS:**

May cause skin sensitization. Overexposure to this material through inhalation may cause central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

TARGET ORGAN EFFECTS:

Skin, central nervous system.

CARCINOGENICITY:

This material is not listed as a carcinogen by IARC, NTP or OSHA.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION:

None known.

CARCINOGENIC INFORMATION:

This material is not listed as a carcinogen by IARC, NTP, OR OSHA.

ACUTE TOXICITY VALUES:

Acetone: Dermal, guinea pig: LD50 = >9400 uL/kg; Draize test, rabbit, eye: 20 mg/24 Hr Moderate; Draize test, rabbit, skin: 500 mg/24 Hr Mild; Inhalation, mouse: LC50 = 44gm/m3/4H; Oral, mouse: LD50 = 3 g/kg.

12. Ecological Information

Acetone: LC50 Fish: Rainbow trout -5540 mg/l, 96 hr; LC50 fish: Bluegill/sunfish -8300 mg/l, 95 hr.

13. Disposal Consideration

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. See label for further instructions.

14. Transportation Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number: 1950**Proper shipping name:** Aerosols, flammable.**Class:** 2.1**Packing group:** --**15. Regulatory Information****CERCLA RQ (40 CFR 302)**

Acetone: 5000 lbs

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312:

Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic (X) Fire (X) Pressure (X) Reactive () Not Applicable ()

T.S.C.A. Status:

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status:

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s): D001

16. Other Information**DISCLAIMER:**




To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	137501	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	TOTALLY DRY – TROPICAL BREEZE	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Aerosol Room Deodorant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Aerosols Category 1 Eye Irritation - Category 2A Gases Under Pressure Compressed Gas Specific Target Organ Toxicity -Single Exposure (Narcotic Effects) - Category 3	SIGNAL WORD: DANGER	SYMBOL:			
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HAZARD STATEMENTS:

Physical: H222: Extremely flammable aerosol
 H280: Contains gas under pressure; may explode if heated
Health: H319: Causes serious eye irritation
 H336: May cause drowsiness or dizziness

PRECAUTIONARY STATEMENTS:

General: P101: If medical advice is needed, have product container or label at hand.
 P102: Keep out of reach of children.
 P103: Read label before use.
Prevention: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211: Do not spray on an open flame or other ignition source.
 P251: Do not pierce or burn, even after use.
 P264: Wash hands thoroughly after handling.
 P280: Wear eye protection.
 P261: Avoid breathing vapors or spray.
 P271: Use only outdoors or in a well-ventilated area.
Response: P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313: If eye irritation persists: Get medical attention.
 P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312: Call a POISON CENTER or doctor if you feel unwell.
Storage: P410 + P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 P403 + P405: Store in a well-ventilated place. Store locked up.
Disposal: P501: Dispose of contents and container in accordance with all local, regional, national and international regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

No additional information available.

ADDITIONAL INFORMATION:

Not applicable.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Acetone	67-64-1	45% - 80%
Propane	74-98-6	19% - 33%
Trade Secret	Fragrance.	0.1% - 5%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Wash immediately with large volumes of fresh water for at least 15 minutes. Get medical attention.

SKIN: Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.

INHALATION:

Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.

INGESTION:

Ingestion is not a likely route of exposure. Get medical attention if you feel unwell.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Foam, Alcohol foam, CO₂, Dry Chemical, Water fog.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Water may be ineffective but can be used to cool containers exposed to heat or flame.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide and other toxic fumes.

SPECIFIC FIRE-FIGHTING METHODS:

Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear goggles and use a self-contained breathing apparatus. If water is used, fog nozzles are preferred.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Wear safety glasses.

ENVIRONMENTAL PRECAUTIONS:

Stop spill/release if it can be done safely.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Clean up with an absorbent material and place in closed containers for disposal.

EMERGENCY PROCEDURE:

Avoid directly inhaling vapors. Ventilate area. Remove all sources of ignition.

7. Handling and Storage

SAFE HANDLING:

Do not puncture or incinerate (burn) cans. Do not stick pins, nails or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally. Use in a well-ventilated place.

SAFE STORAGE & INCOMPATIBILITIES:

Store and use in a cool, dry, well-ventilated area. Do not store above 120°F. See product label for additional information.

8. Exposure Controls / Personal Protection

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m ³)	OSHA STEL (ppm)	OSHA STEL (mg/m ³)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin Designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m ³)	NIOSH STEL (ppm)	NIOSH STEL (mg/m ³)	NIOSH Carcinogen
Acetone	1,000	2,400			1			250	590			
Propane	1,000	1,800			1			1,000	1,800			

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m ³)	ACGIH STEL (ppm)	ACGIH STEL (mg/m ³)
Acetone	250		500	
Propane	See Appendix F: Minimal Oxygen Content			

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Safety glasses with side shields should be used if indicated. Eye wash and safety showers in the workplace are recommended.

Skin Protection: Use solvent-resistant protective gloves for prolonged or repeated contact.

Respiratory Protection: Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

APPROPRIATE ENGINEERING CONTROLS:

Ventilation should be sufficient to prevent inhalation of any vapors.

9. Physical & Chemical Properties

Appearance:	Clear.	Flammability(solid/gas):	Flash point below 73°F/23°C.
Odor:	Pina colada scent.	Explosive Limit-Lower (%):	1.8
Odor Threshold:	Not available.	Explosive Limit-Upper (%):	9.5
pH:	Not available.	Vapor Density:	Not available.
Melting/Freezing Point:	Not available.	Viscosity:	Not available.
High Boiling Point:	133°F	Solubility (water):	Slightly.
Low Boiling Point:	0°F	Auto-Ignition Temp:	Not available.
Flash Point:	0°F	Decomposition Temp:	0
Flash Point Symbol:	Not available.	Density:	5.70 lb/gal.
Evaporation Rate:	Slower than ether.	Density VOC:	1.19 lb/gal.
% VOC:	21.00%		

10. Stability & Reactivity Information

CHEMICAL STABILITY:

The product is stable under normal storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

None known.

CONDITIONS TO AVOID:

High temperatures.

INCOMPATIBLE MATERIALS:

No data available.

HAZARDOUS DECOMPOSITION PRODUCTS:

Hazardous decomposition products may include carbon dioxide, carbon monoxide and other toxic fumes.

11. Toxicological Information**ACUTE TOXICITY:**

No data available.

Components	Species	Test Results
67-64-1 Acetone		
Acute		
<i>Dermal</i>		
LD50	Rabbit	Greater than 16000 mg/kg cited as 20 mL/kg) (30)
<i>Inhalation</i>		
LC50	Male Rat Male Mouse	30000 ppm (4-hour exposure); cited as 71000 mg/m ³ (4-hour exposure) (29) 18600 ppm (4-hour exposure); cited as 44000 mg/m ³ (4-hour exposure) (29)
<i>Oral</i>		
LD50	Female Rat Mature Rat Newborn Rat Mouse	5800 mg/kg (24) 6700 mg/kg (cited as 8.5 mL/kg) (31) 1750 mg/kg (cited as 2.2 mL/kg) (31) 3000 mg/kg (32,unconfirmed)

SKIN CORROSION/IRRITATION:

No data available.

SERIOUS EYE DAMAGE/EYE IRRITATION:

Causes serious eye irritation.

RESPIRATORY SENSITIZATION:

No data available.

SKIN SENSITIZATION:

No data available.

GERM CELL MUTAGENICITY:

No data available.

CARCINOGENICITY:

No data available.

REPRODUCTIVE TOXICITY:

No data available.

SPECIFIC TARGET ORGAN TOXICITY -single exposure:

May cause drowsiness or dizziness.

SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:

No data available.

ASPIRATION HAZARD:

No data available.

POTENTIAL HEALTH EFFECTS - MISCELLANEOUS:

67-64-1 ACETONE

The following medical conditions may be aggravated by exposure: lung disease, eye disorders, skin disorders. Overexposure may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, respiratory system, skin.

12. Ecological Information**PERSISTENCE AND DEGRADABILITY:**

67-64-1 ACETONE

91% readily biodegradable, Method: OECD Test Guideline 301B

BIOACCUMULATIVE POTENTIAL:

67-64-1 ACETONE - Does not bioaccumulate

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

No data available.

13. Disposal Consideration**WATER DISPOSAL:**

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

14. Transportation Information

DOT: **UN Number:** UN UN1950
UN Proper Shipping Name: Aerosols, flammable, (each not exceeding 1 L capacity) (LTD QTY)
Transport Hazard Class(es):

Class: 2.1
IATA: **UN Number:** UN UN1950
UN Proper Shipping Name: Aerosols, flammable, (each not exceeding 1 L capacity) (LTD QTY) (N/A)
Transport Hazard Class(es):
Class: 2.1
IMDG: **UN Number:** UN UN1950
UN Proper Shipping Name: Aerosols, flammable, (each not exceeding 1 L capacity) (LTD QTY)
Transport Hazard Class(es):
Class: 2.1

15. Regulatory Information

Chemical Name	CAS	% by Weight	Regulation List
Acetone	67-64-1	45-80	CERCLA,SARA312,TSCA,RCRA,ACGIH,OSHA
Propane	74-98-6	19-33	SARA312,TSCA,ACGIH,OSHA

16. Other Information

GLOSSARY:

* There are points of differences between OSHA GHS and UN GHS. In 90% of the categories, they can be used interchangeably, but for the Skin Corrosion/Irritant Category and the Specific Target Organ Toxicity (Single and Repeated Exposure) Categories. In these cases, our system will say UN GHS.

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.