






SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1326	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SPACE GUARD	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Total Release Citrus Disinfectant Deodorant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable Liquids: Category 2 Liquefied Gas Eye Irritant: Category 2A	SIGNAL WORD: WARNING	SYMBOL:			
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HAZARD STATEMENTS:

Flammable Aerosol. Contains gas under pressure. May explode if heated. Causes serious eye irritation.
This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS:

Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear eye protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

HAZARDS NOT OTHERWISE SPECIFIED:

Not available.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS NUMBER	Concentration % by Weight
Propane/n-Butane	68476-86-8	10-30
Ethyl Alcohol	64-17-5	40-70

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: 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 advice or attention.

SKIN: Wash thoroughly with soap and water. Seek medical attention if irritation develops.

INHALATION:

Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

INGESTION:

If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

ACUTE HEALTH HAZARDS:

Eye exposure causes transient pain and irritation

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:

Carbon dioxide, standard chemical fire extinguisher, and water fog.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

N/A.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

None known.

SPECIFIC FIRE-FIGHTING METHODS:

Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Refer to Section 8 for proper personal protective equipment.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations. Do not puncture or incinerate! If empty, place in

trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

7. Handling and Storage

HANDLING AND STORAGE:

Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

OTHER PRECAUTIONS:

Do not contaminate other materials (including foods/drinks/feeds/water) during transport, use, storage, and disposal.

INCOMPATIBILITY:

Strong oxidizing agents.

8. Exposure Controls / Personal Protection

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Propane/n-Butane	1000 ppm	1000 ppm
Ethyl Alcohol	1000 ppm	1000 ppm

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Safety glass.

SKIN PROTECTION: Chemical resistant gloves.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

ADDITIONAL MEASURES: Wash hands and clothing in contact with product after use.

APPROPRIATE ENGINEERING CONTROLS:

General ventilation and local exhaust should be adequate.

9. Physical & Chemical Properties

Appearance:	Light yellow, clear to hazy aerosol	Odor:	Citrus-Orange and alcohol scent
Odor Threshold:	Not determined.	Boiling Point:	>170°F
Freezing Point:	Not determined.	Flammability:	Flammable Aerosol
Flash Point:	Not determined.	Auto-Ignition Temperature:	Not determined.
Lower Flammability Limit:	Not determined.	Upper Flammability Limit:	Not determined.
Vapor Pressure (mm Hg):	44 @ 77°F (25°C)	Vapor Density (AIR=1):	> 1 @ 77°F (25°C)
Evaporation Rate:	1	Specific Gravity (H2O=1):	0.875 @ 77° F (25° C)
pH:	7.0	Solids (%):	Not determined.
Solubility (water):	100%	Partition Coeff: n-octanol/water (Kow):	Not determined.
Volatility Including Water (%):	100%	Volatile Organic Compounds (VOC):	69%
Dielectric Strength (Volts):	Not determined.	Decomposition Temperature:	Not determined.
Viscosity:	Not determined.		

10. Stability & Reactivity Information

REACTIVITY:

None known.

CHEMICAL STABILITY:

Stable.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents.

CONDITIONS TO AVOID:

Temperatures greater than 122°F may cause bursting.

DECOMPOSITION PRODUCTS:

Oxides of carbon.

POSSIBLE HAZARDOUS REACTIONS:

None known.

11. Toxicological Information

TOXICOLOGICAL INFORMATION: Ethyl Alcohol (64-17-5) LC50 (Inhalation, Mouse, 4 hr) 39 gr/m³; LC50 (Inhalation, Rat, 10 hr) 20,000 ppm; LD50 (Oral, Mouse) 3450 mg/kg; LD50 (Oral, Rabbit) 6300 mg/kg; LD50 (Oral, Rabbit) 7060 mg/kg

PRIMARY ROUTE OF ENTRY:

Eyes, ingestion, inhalation, skin.

ACUTE/POTENTIAL HEALTH EFFECTS:

Eye exposure causes transient pain and irritation

EYES: Causes severe irritation, redness, tearing.

SKIN: Causes irritation with prolonged contact.

INHALATION: . Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation.

INGESTION: . Causes gastrointestinal irritation, nausea, vomiting.

MEDICAL CONDITION AGGRAVATED:

Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

CHRONIC / LONG TERM EFFECTS:

Noneknown.

CARCINOGENIC INFORMATION:

OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

12. Ecological Information**ECOLOGICAL INFORMATION:**Ethyl Alcohol (64-17-5) LC₅₀ (Fish, 96 hr) 12,900-15,300 mg/L; LC₅₀ (Bacteria, 24 hr) 11,200 mg/L; EC₅₀ (Bacteria, 5-30 min) 34,900mg/L**BIODEGRADABILITY:**

Component or components of this product are not biodegradable.

BIOACCUMULATION:

This product is not expected to bioaccumulate.

SOIL MOBILITY: 3

This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS:

Noneknown.

13. Disposal Consideration

Do not puncture or incinerate! If empty, place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

14. Transportation Information**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.**HAZARD CLASS/DIVISION:** 2.1**UN/NA NUMBER:** UN 1950**PACKAGING GROUP:** N/A**AIR SHIPMENT****PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.**HAZARD CLASS/DIVISION:** 2.1**UN/NA NUMBER:** UN 1950**SHIPPING BY WATER:****VESSEL (IMO/IMDG)****PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.**HAZARD CLASS/DIVISION:** 2.1**UN/NA NUMBER:** UN 1950**ENVIRONMENTAL HAZARDS WATER:** N/A**15. Regulatory Information****T.S.C.A. Status:**

All Chemicals are listed or exempt.

RCRA STATUS:

Product should be fully characterized prior to disposal (40 CFR 261).

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

Fire Hazard

SARA 311/312 HAZARD CATEGORIES:

Ethyl Alcohol (64-17-5) Acute Health, Chronic Health, Fire

SARA 313 REPORTABLE INGREDIENTS:

Ethyl Alcohol (64-17-5) acute, chronic, flammable.

CLEAN WATER ACT:

None.

STATE REGULATIONS:CALIFORNIA PROPOSITION 65: 2-Phenylphenol. **Warning:** This product contains a chemical(s) known to the State of California to cause cancer.**INTERNATIONAL REGULATIONS:**

All components are listed or exempted.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: **WARNING:** Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes or on skin or clothing. Wear long-sleeved shirt and long pants, protective eyewear (safety glasses), shoes and socks, and chemical resistant gloves (such as or made out of any water proof material). Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing. Flammable. Contents under pressure. Keep away from heat, sparks, pilot lights, and flames. Do not puncture or incinerate container. Exposure to temperatures above 130°F (54°C) may cause bursting.

EPA Reg. No. 44446-67**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:	132602	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SPACE GUARD-LINEN	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Total Release Disinfectant & 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 Eye Irritant: Category 2A	SIGNAL WORD: WARNING	SYMBOL:			
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HAZARD STATEMENTS:

Flammable aerosol. Contains gas under pressure. May explode if heated. Causes serious eye irritation.

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

PRECAUTIONARY STATEMENTS:

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

Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Store in a well-ventilated place. Wash hands thoroughly after handling. Wear eye protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS NUMBER	Concentration % by Weight
Propane/n-Butane	68476-86-8	10-30
Ethyl Alcohol	64-17-5	40-70

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: 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 advice or attention.

SKIN: Wash thoroughly with soap and water. Seek medical attention if irritation develops.

INHALATION:

Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

INGESTION: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

ACUTE HEALTH HAZARDS:

Eye exposure causes transient pain and irritation

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:

Carbon dioxide, standard chemical fire extinguisher, and water fog.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Not applicable.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

None known.

SPECIFIC FIRE-FIGHTING METHODS:

Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS:

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

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Refer to Section 8 for proper personal protective equipment.

SPILL: Absorb with noncombustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

WASTE DISPOSAL:

Do not puncture or incinerate! If empty, place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

7. Handling and Storage**HANDLING AND STORAGE:**

Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

OTHER PRECAUTIONS:

Do not contaminate other materials (including foods/drinks/feeds/water) during transport, use, storage and disposal.

INCOMPATIBILITY:

Strong oxidizing agents.

8. Exposure Controls / Personal Protection

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Propane/n-Butane	1000 ppm	1000 ppm
Ethyl Alcohol	1000 ppm	1000 ppm

PERSONAL PROTECTIVE EQUIPMENT:

Eye Protection: Safety glasses.

Skin Protection: Chemical resistant gloves.

Respiratory Protection: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

Additional Measures: Wash hands and clothing in contact with product after use.

APPROPRIATE ENGINEERING CONTROLS:

General ventilation and local exhaust should be adequate.

9. Physical & Chemical Properties

Appearance:	Light yellow, clear to hazy aerosol.	Boiling Point:	>170°F
Odor:	Linen.	Flammability:	Flammable aerosol.
Odor Threshold:	Not determined.	Auto-Ignition Temperature:	Not determined.
Freezing Point:	Not determined.	Upper Flammability Limit:	Not determined.
Flash Point:	Not determined.	Lower Flammability Limit:	Not determined.
Vapor Pressure (mm Hg):	44 @ 77°F (25°C)	Vapor Density (AIR=1):	> 1 @ 77°F (25°C)
Evaporation Rate:	1	Specific Gravity (H2O=1):	0.875 @ 77° F (25° C)
pH:	7.0	Solids (%):	Not determined.
Solubility (water):	100%	Partition Coeff: n-octanol/water (K_{ow}):	Not determined.
Volatility Including Water (%):	100%	Volatile Organic Compounds (VOC):	69%
Dielectric Strength (Volts):	Not applicable,	Decomposition Temperature:	Not determined.
Viscosity:	Not determined.		

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

None known.

CHEMICAL STABILITY:

Stable.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents.

CONDITIONS TO AVOID:

Temperatures greater than 122°F may cause bursting.

DECOMPOSITION PRODUCTS:

Oxides of carbon.

POSSIBLE HAZARDOUS REACTIONS:

None known.

11. Toxicological Information

TOXICOLOGICAL INFORMATION: Ethyl Alcohol (64-17-5) LC₅₀ (Inhalation, Mouse, 4 hr) 39 gr/m³; LC₅₀ (Inhalation, Rat, 10 hr) 20,000 ppm; LD₅₀ (Oral, Mouse) 3450 mg/kg; LD₅₀ (Oral, Rabbit) 6300 mg/kg; LD₅₀ (Oral, Rabbit) 7060 mg/kg

PRIMARY ROUTE OF ENTRY:

Eyes: Causes severe irritation, redness, tearing.

Skin: Causes irritation with prolonged contact.

Inhalation: Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation.

Ingestion: Causes gastrointestinal irritation, nausea, vomiting.

MEDICAL CONDITION AGGRAVATED:

Preexisting disorders of the skin, respiratory system and eyes will be aggravated by over exposure.

ACUTE/POTENTIAL HEALTH EFFECTS:

Eye exposure causes transient pain and irritation.

CHRONIC/LONG TERM EFFECTS:

None known.

CARCINOGENIC INFORMATION:

OSHA: No.

ACGIH: No.

NTP: No.

IARC: No.
OTHER: Not applicable.

12. Ecological Information

ECOLOGICAL INFORMATION:

Ethyl Alcohol (64-17-5) LC₅₀ (Fish, 96hr) 12,900-15,300 mg/L; LC₅₀ (Bacteria, 24hr) 11,200 mg/L; EC₅₀ (Bacteria, 5-30 min) 34,900mg/L

BIODEGRADABILITY:

Component or components of this product are not biodegradable.

BIOACCUMULATION:

This product is not expected to bioaccumulate.

SOIL MOBILITY:

This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS:

None known.

13. Disposal Consideration

WASTE DISPOSAL:

Do not puncture or incinerate! If empty, place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

RCRA STATUS:

Product should be fully characterized prior to disposal (40 CFR 261).

14. Transportation Information

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: Not applicable.

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

ENVIRONMENTAL HAZARDS WATER:

Not applicable.

15. Regulatory Information

T.S.C.A. Status:

All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

Fire hazard.

SARA 311/312 HAZARD CATEGORIES:

Ethyl Alcohol (64-17-5) Acute health, chronic health, fire.

SARA 313 REPORTABLE INGREDIENTS:

Ethyl Alcohol (64-17-5) Acute, chronic, flammable.

CLEAN WATER ACT: None.

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: 2-Phenylphenol. **Warning:** This product contains a chemical(s) known to the State of California to cause cancer.

INTERNATIONAL REGULATIONS:

All components are listed or exempted.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: **WARNING:** Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes or on skin or clothing. Wear long-sleeved shirt and long pants, protective eyewear (safety glasses), shoes and socks, and chemical resistant gloves (such as or made out of any water proof material). Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing. Flammable. Contents under pressure. Keep away from heat, sparks, pilot lights, and flames. Do not puncture or incinerate container. Exposure to temperatures above 130°F (54°C) may cause bursting. **EPA Reg. No. 44446-67**

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.