

SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	132101	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SURFACE-N-AIR	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Sanitizing Spray	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 Irritant: Category 2 Eye Irritant: Category 2A	SIGNAL WORD: WARNING	SYMBOL:			
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HAZARD STATEMENTS:

WARNING: Flammable Aerosol. Contains gas under pressure; May explode if heated. Causes skin and serious eye irritation. 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. Wash hands thoroughly after handling. Wear protective gloves and eye protection.

Pressurized Container: Do not pierce or burn, even after use.

Response: IF ON SKIN: Wash with plenty of water. If skin irritation persists: Get medical attention. Take off contaminated clothing and wash before reuse. 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.

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

HAZARDS NOT OTHERWISE SPECIFIED:

No applicable.

ADDITIONAL INFORMATION:

Not applicable.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Propane/n-Butane	68476-86-8	10-30%
Isopropyl Alcohol	67-63-0	30-60%
Triethylene Glycol	112-27-6	3-7%

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: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. 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:

Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

ACUTE HEALTH HAZARDS:

Acute: Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Oral: abdominal irritation, nausea, vomiting and diarrhea

CHRONIC HEALTH HAZARDS:

Skin disorders, drying and irritation of the skin.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Carbon dioxide, standard chemical fire extinguisher and water fog.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

No applicable.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

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

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

None known.

SPECIFIC FIRE-FIGHTING METHODS:

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. Avoid contact with skin and breathing smoke, fumes and decomposition products.

6. Accidental Release Measures**PERSONAL PRECAUTIONS:**

Refer to section VIII for proper Personal Protective Equipment.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:

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

WASTE DISPOSAL:

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).

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.

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 Ingredients	OSHA PEL	ACGIH TLV
Propane/n-Butane	1000 ppm	1000 ppm
Isopropyl Alcohol	400 ppm	200 ppm
Triethylene Glycol	Not applicable	Not applicable

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves



Eye/Face Protection: Safety glasses.

Skin Protection: Chemical resistant gloves.

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

General Hygiene Considerations: 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:	Clear Aerosol.	Flammability(solid/gas):	Flammable Aerosol.
Odor:	Medicinal, mild scent.	Flammability Limit-lower (%):	Not determined.
Odor Threshold:	Not determined.	Flammability Limit-upper (%):	Not determined.
pH:	10	Vapor Density (AIR=1):	> 1 @ 77°F (25°C)
Freezing Point:	Not determined.	Vapor Pressure:	44 @ 77°F (25°C)
Boiling Point:	>170°F	Solubility (water):	100%
Viscosity:	Not determined.	Auto-Ignition Temp:	Not determined.
Flash Point:	Not determined.	Partition Coeff(n-octanol/water):	Not determined.
Specific Gravity (H2O=1):	0.89 @ 77°F (25°C)	Solids (%):	Not determined.
Evaporation Rate:	> 1	Decomposition Temp:	Not determined.
Volatility Including Water (%):	99%	Dielectric Strength (Volts):	Not applicable.
Volatile Organic Compounds (VOC):	60%		

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

None known.

CHEMICAL STABILITY:

Stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

None known.

CONDITIONS TO AVOID:

Temperatures greater than 122°F may cause bursting.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY: Eyes, Ingestion, Inhalation, Skin

Eyes: Causes moderate to severe irritation, redness, tearing, pain

Skin: Contact with liquid can freeze tissue similar to thermal burn.

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

Ingestion: May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, depending on the amount ingested. Small amounts unlikely to cause irritation.

MEDICAL CONDITION AGGRAVATED:

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

TOXICOLOGICAL INFORMATION: Isopropyl Alcohol (67-63-0) LD50 (Oral, Rat) 5045 mg/kg; LD50 (Oral, Rabbit) 5045 mg/kg; LD50 (Dermal, Rabbit) 12,800 mg/kg; LC50 (Inhalation, Rat, 8hr) 16,000 ppm

ACUTE HEALTH HAZARDS:

Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Oral: abdominal irritation, nausea, vomiting and diarrhea

CHRONIC HEALTH HAZARDS:

Skin disorders, drying and irritation of the skin.

CARCINOGENICITY:

OSHA: No ACGIH: No NTP: No IARC: No OTHER: Not applicable.

12. Ecological Information

ECOLOGICAL INFORMATION:

Isopropyl Alcohol (67-63-0) LC50 (Fathead Minnow, 96 hrs) 100,000 mg/L

PERSISTENCE AND DEGRADABILITY:

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:

This material is toxic to aquatic life.

13. Disposal Consideration

DISPOSAL INSTRUCTIONS:

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

DOT: UN Number: UN1950

UN Proper Shipping Name: Aerosols, Ltd. Qty.

Transport Hazard Class(es):

Class: 2.1

Packing Group: None.

IATA: UN Number: UN1950

UN Proper Shipping Name: Aerosols, Ltd. Qty.

Transport Hazard Class(es):

Class: 2.1

Packing Group: None.

Environmental Hazards: Yes.

IMO/IMDG: UN Number: UN1950

UN Proper Shipping Name: Aerosols, Ltd. Qty.

Transport Hazard Class(es):

Class: 2.1

Packing Group: None.

Environmental Hazards Water: Marine Pollutant.

15. Regulatory Information

US FEDERAL REGULATIONS:

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Fire Hazard

SARA 311/312 HAZARD CATEGORIES: Acute Health, Fire

SARA 313 REPORTABLE INGREDIENTS: Isopropyl Alcohol (67-63-0)

CLEAN WATER ACT: None.

STATE REGULATIONS: California Proposition 65: None.

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:

CAUTION: Keep out of reach of children. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Harmful if swallowed. Flammable! Contents under pressure. Do not use near fire, sparks or flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

EPA Reg. No. 44446-20

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.