

SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1152	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	HAND GUARD	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Aerosol protective hand barrier cream.	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Liquefied Gas.	SIGNAL WORD: WARNING	SYMBOL:		
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HAZARD STATEMENTS:

Contains gas under pressure; may explode if heated. This product contains the following percentage of chemicals of unknown toxicity: 6%

PRECAUTIONARY STATEMENTS:

Prevention: Keep away from heat, sparks, open flames and hot surfaces. No smoking. Pressurized container: Do not pierce or burn, even after use.

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

HAZARDS NOT OTHERWISE SPECIFIED:

Not available.

ADDITIONAL INFORMATION:

Not applicable.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Triethanolamine	102-71-6	1-5%
Propane/n-Butane	68476-86-8	5-10%

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: First aid is not normally required.

INHALATION:

Move to fresh air. If breathing difficulty persists, seek medical attention.

INGESTION:

Do not induce vomiting unless directed by medical authority. Seek immediate medical attention.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

None known.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

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 available.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

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

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

None known.

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 PRECAUTIONS:

Refer to section VIII for proper Personal Protective Equipment.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Dispose of in accordance with federal, state and local regulations. Do not reuse, puncture or incinerate container. Keep out of the reach of children. Wrap container and place in trash collection. RCRA STATUS: Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal. SPILL: Absorb spill with non-combustible material such as vermiculite, sand or earth.

7. Handling and Storage

SAFE HANDLING:

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

SAFE STORAGE & INCOMPATIBILITIES:

Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Keep out of the reach of children.
Incompatibility: None known.

8. Exposure Controls / Personal Protection

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Triethanolamine	Not available.	5 mg/m ³
Propane/n-Butane	1000 ppm	1000 ppm

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Safety glasses should be worn during use.

Respiratory Protection: Not required with normal use.

General Hygiene Considerations: Wash hands thoroughly after handling.

APPROPRIATE ENGINEERING CONTROLS:

General ventilation recommended.

9. Physical & Chemical Properties

Appearance:	White foam.	Flammability (solid/gas):	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200).
Odor:	Mild odor.	Flammability Limit-lower (%):	Not determined.
Odor Threshold:	Not determined.	Flammability Limit-upper (%):	Not determined.
pH:	8.7	Vapor Density (AIR=1):	>10
Freezing Point:	Not determined.	Vapor Pressure (mm Hg):	>20
Boiling Point:	> 212°F (100°C).	Solubility (water):	100%
Viscosity:	Not determined.	Auto-Ignition Temp:	Not determined.
Flash Point:	Not determined.	Decomposition Temp:	Not determined.
Specific Gravity (H2O=1):	0.98	Partition Coeff (n-octanol/water) Kow:	Not determined.
Evaporation Rate:	0.3	Solids (%):	10-12%
Volatility Including Water:	91%	Dielectric Strength (Volts):	Not available.
Volatile Organic Compounds:	8%		

10. Stability & Reactivity Information

REACTIVITY:

None known.

CHEMICAL STABILITY:

Stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

None known.

CONDITIONS TO AVOID:

Extremes of hot and cold.

INCOMPATIBLE MATERIALS:

None known.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

11. Toxicological Information

TOXICOLOGICAL INFORMATION: Propane/n-Butane (68476-86-8) LC50 (Inhalation, Rat, 4hr) 685 mg/m³

PRIMARY ROUTE OF ENTRY: Inhalation, Eyes

Eyes: Causes mild irritation.

Skin: None under normal use.

Inhalation: Causes dizziness if inhaled directly or exposed to excessive amounts.

Ingestion: No toxicity expected with normal use.

ACUTE TOXICITY:

None known.

CARCINOGENICITY:

OSHA: No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** Not available.

MEDICAL CONDITION AGGRAVATED:

None known.

CHRONIC EFFECTS:

None known.

12. Ecological Information

ECOTOXICITY:

Not established.

PERSISTENCE AND DEGRADABILITY:

This product is 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 reuse, puncture or incinerate container. Wrap container and place in trash collection.

HAZARDOUS WASTE CODE:

RCRA STATUS: Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. Transportation Information

DOT: UN Number: UN 1950
UN Proper Shipping Name: Aerosols, Ltd. Qty.
Transport Hazard Class(es):
Class: 2.1

IATA: Packing Group: Not applicable.
UN Number: UN 1950
UN Proper Shipping Name: Aerosols, Ltd. Qty.
Transport Hazard Class(es):
Class: 2.1

IMDG: Packing Group: Not applicable.
UN Number: UN 1950
UN Proper Shipping Name: Aerosols, Ltd. Qty.
Transport Hazard Class(es):
Class: 2.1
Packing Group: Not applicable.
Environmental Hazards Water: Not available.

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

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): All Chemicals are listed or exempt.

CERCLA Hazardous Substance List (40 CFR 302.4): None.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA):

SARA 311/312 Hazardous chemical: None.

SARA 313 (TRI reporting): None.

US STATE REGULATIONS:

California Proposition 65: None

INTERNATIONAL REGULATIONS:

All components are listed or exempt.

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.