



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1955	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	COOL GEL	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Heat Dissipating Spray and Flame Retardant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Compressed 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: 0%

PRECAUTIONARY STATEMENTS:

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 applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Nitrogen Industrial Grade	7727-37-9	0.5-1.5

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. 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:

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

ACUTE HEALTH HAZARDS:

None known.

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, alcohol foam, and water spray or 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 COMBUSTION PRODUCTS:

Not available.

SPECIFIC FIRE-FIGHTING METHODS:

Use water spray only to cool exposed containers.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:

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 8 for proper Personal Protective Equipment.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Use non-combustible material like vermiculite, sand or earth on spill; sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

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:

Keep out of the reach of children.

INCOMPATIBILITY:

Strong oxidizers, alkalies, acids.

8. Exposure Controls / Personal Protection

CHEMICAL NAME	ACGIH TLV	OSHA PEL
Nitrogen Industrial Grade	Not established.	Not established.

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Safety glasses.

SKIN PROTECTION: Chemical resistant gloves.

RESPIRATORY PROTECTION: Not required with normal use.

ENGINEERING CONTROLS:

Ambient ventilation suitable; forced ventilation should not be required.

ADDITIONAL MEASURES:

Follow normal hygiene practices.

EXPOSURE GUIDELINES:

Not established.

9. Physical & Chemical Properties

APPEARANCE:	Clear viscous gel aerosol.	FLAMMABILITY:	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200).
ODOR:	Bland odor.	Flammability Limit-lower (%)	Not available.
ODOR THRESHOLD:	Not determined.	Flammability Limit-upper (%)	Not available.
pH:	10.7	EVAPORATION RATE:	< 0.8 (Slow).
BOILING POINT:	> 212°F (100°C)	SOLIDS (%):	Not determined.
FREEZING POINT:	Not determined.	VAPOR PRESSURE(mm Hg):	17.5 @ 77°F (25°C)
PARTITION COEFFICIENT: n-octanol/water(Kow):	Not determined.	VOLATILITY INCLUDING WATER (%):	97%
VISCOSITY:	32,500 cps	AUTO-IGNITION TEMP:	Not available.
SPECIFIC GRAVITY (H2O=1):	1.02	DECOMPOSITION TEMP:	Not available.
FLASH POINT:	Not available.	VOC:	0.0%
DIELECTRIC STRENGTH (Volts):	Not available.	SOLUBILITY (water):	100%

10. Stability & Reactivity Information

REACTIVITY:

Not available.

CHEMICAL STABILITY:

Stable.

INCOMPATIBLE MATERIALS:

Strong oxidizers, alkalies, acids.

CONDITIONS TO AVOID:

Avoid incompatibles.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

None known.

POSSIBLE HAZARDOUS REACTIONS:

None known.

11. Toxicological Information

TOXICOLOGICAL INFORMATION:

Not established.

PRIMARY ROUTE OF ENTRY:

Eyes, ingestion, inhalation, skin.

EYES: May cause irritation.

SKIN: Brief contact is not irritating. May cause irritation, dryness, and redness.

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

INGESTION: Not a likely route of exposure under normal product handling conditions.

MEDICAL CONDITION AGGRAVATED:

None known.

ACUTE HEALTH HAZARDS:

None known.

CHRONIC HEALTH HAZARDS:

None known.

CARCINOGENIC INFORMATION:

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

12. Ecological Information**ECOLOGICAL INFORMATION:**

Not established.

BIODEGRADABILITY:

This product is biodegradable.

BIOACCUMULATION:

This product is not expected to bioaccumulate.

SOIL MOBILITY:

This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS:

None.

13. Disposal Consideration

Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

14. Transportation Information**PROPER SHIPPING NAME:**

Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION:

2.2

UN/NA NUMBER:

UN1950

PACKAGING GROUP:

None.

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.2

UN/NA NUMBER: UN1950

SHIPPING BY WATER: VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.2

UN/NA NUMBER: UN1950

ENVIRONMENTAL HAZARDS WATER: None.

15. Regulatory Information**TSCA STATUS:**

All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

None.

SARA 311/312 HAZARD CATEGORIES:

None.

SARA 313 REPORTABLE INGREDIENTS:

None.

CLEAN WATER ACT:

None.

STATE REGULATIONS:

None.

INTERNATIONAL REGULATIONS:

None.

RCRA STATUS:

Not listed as hazardous waste under RCRA, however, product should be fully characterized prior to disposal (40 CFR 261).

16. Other Information**N/A = Not Applicable; N/D = Not Determined**

NFPA	Health Hazards: 1	Flammability: 0	Instability: 0	Physical & Chemical Properties: N/A
HMIS	Health Hazards: 1	Flammability: 0	Physical hazards: 0	Personal protection: B

DISCLAIMER:

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