



# SAFETY DATA SHEET

## 1. Product and Company Identification

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

## 2. Hazards Identification

|   |                                |                |  |
|---|--------------------------------|----------------|--|
| <b>GHS CLASSIFICATION:</b><br>Compressed gas. | <b>SIGNAL WORD:</b><br>WARNING | <b>SYMBOL:</b> |  |
|---|--------------------------------|----------------|--|

### 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

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

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

**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.