



# SAFETY DATA SHEET

## 1. Product and Company Identification

|                             |                                                                               |                             |                |
|-----------------------------|-------------------------------------------------------------------------------|-----------------------------|----------------|
| <b>PRODUCT NUMBER:</b>      | 1223501                                                                       | <b>COMPANY PHONE:</b>       | 1-800-241-8180 |
| <b>PRODUCT NAME:</b>        | COOL GEL                                                                      | <b>EMERGENCY TELEPHONE:</b> | 1-800-535-5053 |
| <b>PRODUCT DESCRIPTION:</b> | Heat Dissipating Spray Flame Retardant                                        | <b>INFOTRAC:</b>            | 1-800-535-5053 |
| <b>COMPANY INFORMATION:</b> | <b>PRO CHEM, INC.</b><br>1475 Bluegrass Lakes Parkway<br>Alpharetta, GA 30004 |                             |                |

## 2. Hazards Identification

|                                           |                                       |                |  |
|-------------------------------------------|---------------------------------------|----------------|--|
| <b>CLASSIFICATION:</b><br>Compressed Gas. | <b>SIGNAL WORD:</b><br><b>WARNING</b> | <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:**  
**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 CLASSIFIED:**  
N/A

## 3. Composition / Information on Ingredients

| Chemical Name             | CAS       | Concentration % by Weight |
|---------------------------|-----------|---------------------------|
| Nitrogen Industrial Grade | 7727-37-9 | .5-1.5%                   |

## 4. First Aid Measures

**EMERGENCY OVERVIEW**

**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

**EXTINGUISHING MEDIA:**  
Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.

**UNSUITABLE EXTINGUISHING MEDIA:**  
N/A

**SPECIAL FIRE FIGHTING PROCEDURES:**  
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. Use water spray only to cool exposed containers.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

**HAZARDOUS COMBUSTION PRODUCTS:**  
N/A

## 6. Accidental Release Measures

**PERSONAL PROTECTIVE EQUIPMENT:**  
Refer to Section 8 for proper Personal Protective Equipment.

**SPILL:** 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.

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

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

**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**

| HAZARDOUS INGREDIENT      | OSHA PEL        | ACGIH TLV       |
|---------------------------|-----------------|-----------------|
| Nitrogen Industrial Grade | Not Established | Not Established |

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves



**Eye/Face Protection:** Safety glasses.  
**Skin Protection:** Chemical resistant gloves.  
**Respiratory Protection:** Not required with normal use.

**ENGINEERING CONTROLS / VENTILATION:**  
Ambient ventilation suitable, forced ventilation should not be required.

**ADDITIONAL MEASURES:**  
Follow normal hygiene practices.

**EXPOSURE GUIDELINES:** N/A

**9. Physical & Chemical Properties**

|                                     |                           |                                                       |                                                                                                |
|-------------------------------------|---------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Appearance:</b>                  | Clear Viscous Gel Aerosol | <b>Flammability (solid/gas):</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 determined.                                                                                |
| <b>Odor Threshold:</b>              | Not determined.           | <b>Flammability Limit-upper:</b>                      | Not determined.                                                                                |
| <b>pH:</b>                          | 10.1-11.4                 | <b>Explosive Limit-Lower (%):</b>                     | Not determined.                                                                                |
| <b>Melting/Freezing Point:</b>      | Not determined.           | <b>Explosive Limit-Upper (%):</b>                     | Not determined.                                                                                |
| <b>Initial Boiling Point/Range:</b> | > 212°F (100°C)           | <b>Vapor Density: (AIR=1):</b>                        | Not determined.                                                                                |
| <b>Viscosity:</b>                   | 20,000 – 45,000 cps       | <b>Vapor Pressure (mm Hg):</b>                        | Not determined.                                                                                |
| <b>Flash Point:</b>                 | Not determined.           | <b>Relative Density (H20=1):</b>                      | 0.97-1.07                                                                                      |
| <b>Evaporation Rate:</b>            | Not determined.           | <b>Solubility (ies):</b>                              | Not determined.                                                                                |
| <b>Auto-Ignition Temperature:</b>   | Not determined.           | <b>Partition Coefficient: n-Octanol/ Water (KOW):</b> | Not determined.                                                                                |
| <b>Decomposition Temperature:</b>   | Not determined.           |                                                       |                                                                                                |

**10. Stability & Reactivity Information**

**REACTIVITY:**  
None known.

**CHEMICAL STABILITY:**  
Stable.

**CONDITIONS TO AVOID:**  
Avoid incompatibles.

**INCOMPATIBILITY:**  
Strong oxidizers, Alkalies, Acids.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:**  
None known.

**POSSIBLE HAZARDOUS REACTIONS:**  
None known.

**11. Toxicological Information**

**TOXICOLOGICAL INFORMATION:**  
Not established.

**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**EYES:** May cause irritation.

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

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

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

**MEDICAL CONDITION AGGRAVATED:**  
None known.

**ACUTE HEALTH HAZARDS:**  
None known.

**CHRONIC HEALTH HAZARDS:**  
None known.

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

## 12. Ecological Information

### ECOLOGICAL INFORMATION:

Not established.

### BIODEGRADABILITY:

This product is biodegradable.

### BIOACCUMULATION:

This product is not expected to bioaccumulate.

### SOIL MOBILITY:

Not determined.

### OTHER ADVERSE HAZARDS:

None known.

## 13. Disposal Consideration

### WASTE DISPOSAL:

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

### RCRA STATUS:

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

## 14. Transportation Information

**DOT:** **Proper Shipping Name:** Aerosols, Ltd. Qty.  
**Hazard Class/ Division:** 2.2  
**UN/NA Number:** UN 1950  
**Packaging Group:** None.

**IATA:** **AIR SHIPMENT**  
**Proper Shipping Name:** Aerosols, Ltd. Qty.  
**Hazard Class/ Division:** 2.2  
**UN/NA Number:** UN 1950

**IMDG:** **SHIPPING BY WATER: VESSEL (IMO/IMDG)**  
**Proper Shipping Name:** Aerosols, Ltd. Qty.  
**Hazard Class/ Division:** 2.2  
**UN/NA Number:** UN 1950

**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.

### VOLATILE ORGANIC COMPOUNDS (VOC):

0%

## 16. Other Information

N/A = Not Applicable; N/D = Not Determined

### 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.