# SAFETY DATA SHEET

## 1. Product and Company Identification

**PRODUCT NUMBER:** 1757

**PRODUCT NAME:** E-ZEE

**PRODUCT DESCRIPTION:** Anti-Seize Compound with No-Mess Pressure Applicator

**COMPANY INFORMATION:** **PRO CHEM, INC.**
1475 Bluegrass Lakes Parkway
Alpharetta, GA 30004

**COMPANY PHONE:** 1-800-241-8180

**EMERGENCY TELEPHONE:** 1-800-241-8180

**INFOTRAC:** 1-800-535-5053

## 2. Hazards Identification

| **GHS CLASSIFICATION:** | **SIGNAL WORD:** | **SYMBOL:** | |
|---|---|---|---|
| H229-Pressurized container: May burst if heated -Category 3 | **WARNING** | | |

**HAZARD PHRASES:**
H229- Pressurized container; May burst if heated.

**PRECAUTIONARY PHRASES:**

**Prevention:**
P101- Keep out of reach of children.
P251 Do not pierce or burn, even after use.

**Response:**
P305+P352 IF ON SKIN: Wash with soap and water
P301+P330+PP33 1IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing.

**Storage:** P411: Store at temperatures not exceeding 122°F (50°C)

**Disposal:** P501: Dispose of in accordance with local, state, and federal regulations.

**OTHER HAZARDS:**
None.

## 3. Composition / Information on Ingredients

| Chemical Name | CAS | Concentration % by Weight |
|---|---|---|
| Synthetic base oil | Trade Secret | 30-60 |
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 | 15-30 |
| Graphite | 7782-42-5 | 10-20 |
| Aluminum | 7429-90-5 | 10-20 |
| Rust inhibitor | Trade Secret | 1-3 |
| Nitrogen* | 7727-37-9 | 1-5 |

*Nitrogen is contained in the can and is not released when the product is expelled.

**The specific identity and/or exact percentage of composition has been withheld as a trade secret. The propellant in this product does not discharge when the product is used.**

## 4. First Aid Measures

**EMERGENCY OVERVIEW**

**EYES:** Flush eyes with water, holding the eyelids apart. Get medical attention if irritation develops or persists.

**SKIN:** Wash thoroughly with plenty of water. Get medical attention if irritation persists.

**INHALATION:**
Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

**INGESTION:**
If large amounts ingested, seek medical attention.

**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:**
None known.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**
Immediate medical attention generally not required.

## 5. Fire-Fighting Measures

**SUITABLE AND UNSUITABLE EXTINGUISHING MEDIA:**
Use water spray or fog, foam, carbon dioxide or dry chemical.

**SPECIAL HAZARDS ARISING FROM THE CHEMICAL:**
This compound will not burn unless it is pre-heated. Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids as frothing may occur. Dense smoke and noxious or toxic fumes may be generated in a fire. The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:**
Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water.

## 6. Accidental Release Measures

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:**

Wear appropriate personal protective equipment. Use caution: slip hazard.

**ENVIRONMENTAL PRECAUTIONS:**

Report spills and releases as required to appropriate authorities.

**METHODS & MATERIALS FOR CONTAINMENT & CLEAN-UP:**

Because of its viscous nature, this product is not expected to leak or spill. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal. Clean area thoroughly with mineral spirits.

## 7. Handling and Storage

**PRECAUTIONS FOR SAFE HANDLING:**

Avoid contact with eyes. Avoid prolonged skin contact. Do not transfer to unlabeled containers. Do not puncture or incinerate empty containers.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**

Store away from extreme heat and open flames. Store away from oxidizers.

## 8. Exposure Controls / Personal Protection

| Chemical Name | Exposure Limits |
|---|---|
| Synthetic base oil | 5 mg/m³ TWA ACGIH TLV (inhalable)<br>5 mg/m³ TWA OSHA PEL |
| Disilates (petroleum), hydrotreated heavy naphthenic | 5 mg/m³ TWA ACGIH TLV (inhalable)<br>5 mg/m³ TWA OSHA PEL |
| Graphite | 2 mg/m³ TWA ACGIH TLV (respirable)<br>15 mg/m³ TWA OSHA PEL (total dust)<br>5 mg/m³ TWA OSHA PEL (respirable fraction) |
| Aluminum | 1 mg/m³ TWA ACGIH TLV (respirable)<br>15 mg/m³ TWA OSHA PEL (total dust)<br>5 mg/m³ TWA OSHA PEL (respirable fraction) |
| Rust inhibitor | None established. |

**APPROPRIATE ENGINEERING CONTROLS:**

Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. If the product is used at high temperatures, local exhaust ventilation may be required.

**INDIVIDUAL PROTECTION MEASURES:**

**Respiratory Protection:** In operations where the occupational exposure limits are exceeded, a NIOSH-approved respirator with organic vapor/particulate cartridges or supplied-air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Skin Protection:** Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact.

**Eye/Face Protection:** Safety glasses or goggles recommended where needed to avoid eye contact.

## 9. Physical & Chemical Properties

| | | | |
|---|---|---|---|
| **Appearance:** | Aluminum colored paste. | **VOC Content:** | 2.1% , 21g/L |
| **Odor:** | Slight odor. | **Vapor Density (air=1):** | Not available. |
| **Odor Threshold:** | Not established. | **Specific Gravity:** | 1.05 |
| **pH:** | Not available. | **Water Solubility:** | Not soluble. |
| **Melting/Freezing Point:** | Not available. | **Octanol/water Partition Coefficient:** | Not available. |
| **Boiling Point/Range:** | >500°F | **Auto-Ignition Temperature:** | Not available. |
| **Flash Point:** | >350°F | **Decomposition Temperature:** | Not available. |
| **Evaporation Rate:** | Not available. | **Viscosity:** | Not available. |
| **Flammable Limits:** | | **Explosion Properties:** | None. |
| **LEL:** | Not established. | **Oxidizing Properties:** | Not oxidizing. |
| **UEL:** | Not established. | **Aerosol Fire Protection Level:** | Not applicable. |
| **Vapor Pressure:** | Not established. | **Flammability (solid, gas):** | Not available. |

## 10. Stability & Reactivity Information

**REACTIVITY:**

Not reactive under normal conditions of use.

**CHEMICAL STABILITY:**

Stable under normal storage and handling conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

None known.

**CONDITIONS TO AVOID:**

Use with strong oxidizing chemicals such as concentrated acids.

**INCOMPATIBLE MATERIALS:**

Avoid strong oxidizing agents and acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

## 11. Toxicological Information

**POTENTIAL HEALTH EFFECTS:**

**Eyes:** May cause mild irritation.

**Skin:** Prolonged contact may cause irritation and drying of the skin.

**Inhalation:** No adverse effects expected at ambient temperatures. In halation of vapors and fumes from thermal decomposition may cause respiratory irritation and metal fume fever with symptoms of fever and chills.

**Ingestion:** Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea.

**CHRONIC HAZARDS:**

Prolonged inhalation of thermal decomposition products may result in lung damage.

**CARCINOGEN STATUS:**

None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.

**ACUTE TOXICITY VALUES:**

**Graphite:** Oral rat $LD_{50}$ > 2,000 mg/kg, inhalation rate $LC_{50}$ > 2 mg/L

**Aluminum:** Oral rat $LD_{50}$ > 15,900 mg/kg, inhalation rat $LC_{50}$ > 0.888 mg/L

**Distillates (petroleum), hydrotreated heavy naphthenic:** Oral rat $LD_{50}$ > 5,000 mg/kg, inhalation rat LC50 2.18 mg/L, dermal rabbit $LD_{50}$ > 2,000 mg/kg

## 12. Ecological Information

**ECOTOXICITY:**

Graphite: Danio rerio $LC_{50}$ > 100 mg/L/96 hr

Aluminum: Lepomis cyanellus NOEC > 50 mg/L/96 hr

Distillates (petroleum), hydrotreated heavy naphthenic: Pimephales promelas LL50 > 100 mg/L/96 hr.

**PERSISTENCE AND DEGRADABILITY:**

No data available.

**BIOACCUMULATIVE POTENTIAL:** No data available.

**MOBILITY IN SOIL:** No data available.

**OTHER ADVERSE EFFECTS:** None known.

## 13. Disposal Consideration

Dispose in accordance with all local, regional and national regulations.

## 14. Transportation Information

**DOT:**

**UN Number:** UN1950

**UN Proper Shipping Name:** Aerosols.

**Transport Hazard Class(es):**

**Class:** 2.2

**Packing Group:** None.

**IMDG:**

**UN Number:** UN1950

**UN Proper Shipping Name:** Aerosols.

**Transport Hazard Class(es):**

**Class:** 2.2

**Packing Group:** None.

**ICAO/IATA:**

**UN Number:** UN1950

**UN Proper Shipping Name:** Aerosols, non-flammable.

**Transport Hazard Class(es):**

**Class:** 2.2

**Packing Group:** None.

## 15. Regulatory Information

**SAFETY, HEALTH, & ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT IN QUESTION:**

**CERCLA Hazardous Substance (Section 103)/RQ:** This product is not subject to reporting requirements under CERCLA. However, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA Hazard Category (311/312):** Not hazardous.

**SARA 313:** This product contains the following chemicals regulated under SARA Title III, section 313: Aluminum, 10-20%

**EPA TSCA Inventory:** All of the components of this product are listed on the TSCA inventory.

**Canadian DSL:** All ingredients listed

**Canadian Schedule 1 Environmental Protection Act List:** No ingredients appear on the list

**Reach, SVHC:** No ingredients appear on the list.

**CALIFORNIA PROPOSITION 65:**

This product is not known to contain listed chemicals.

## 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.