



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	2750	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	NO SEIZE	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Copper Anti-Seize Lubricant	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

**GHS CLASSIFICATION:**  
Not hazardous in accordance with the OSHA Hazard Communication Standard (29CFR 1910.1200).

**SIGNAL WORD:**  
N/A

**SYMBOL:**



### HAZARD STATEMENTS:

None.

### PRECAUTIONARY STATEMENTS:

None.

### HAZARDS NOT OTHERWISE SPECIFIED:

None.

## 3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	20-40
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	20-40
Copper	7440-50-8	20-35
Graphite	7782-42-5	10-20

The specific identity and/or exact percentage of composition has been withheld as a trade secret.

## 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 FIRE EXTINGUISHING MEDIA:

Use water spray or fog, foam, carbon dioxide or dry chemical.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

This compound will not burn unless it is preheated. 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. Thermal decomposition may yield oxides of carbon.

### SPECIFIC FIRE-FIGHTING METHODS:

Cool fire exposed containers with water.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

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

### ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Report spills and releases as required to appropriate authorities. Collect spill with an inert absorbent material and place into a suitable container for disposal. Clean area thoroughly.

## 7. Handling and Storage

### SAFE HANDLING:

Avoid contact with eyes. Avoid prolonged skin contact. Do not transfer to unlabeled containers.

### SAFE STORAGE & INCOMPATIBILITIES:

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

## 8. Exposure Controls / Personal Protection

CHEMICAL NAME	EXPOSURE LIMITS
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m <sup>3</sup> TWA ACGIH TLV (inhalable) 5 mg/m <sup>3</sup> TWA OSHA PEL
Distillates (petroleum), solvent-dewaxed heavy paraffinic	5 mg/m <sup>3</sup> TWA ACGIH TLV (inhalable) 5 mg/m <sup>3</sup> TWA OSHA PEL
Copper	1 mg/m <sup>3</sup> TWA ACGIH TLV 1 mg/m <sup>3</sup> TWA OSHA PEL
Graphite 2 mg/m <sup>3</sup> TWA ACGIH TLV	2 mg/m <sup>3</sup> TWA ACGIH TLV (respirable) 15 mg/m <sup>3</sup> TWA OSHA PEL (total dust) 5 mg/m <sup>3</sup> TWA OSHA PEL (respirable reaction)

### PERSONAL PROTECTIVE EQUIPMENT:



**EYE/FACE PROTECTION:** Safety glasses or goggles recommended where needed to avoid eye contact.

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

**RESPIRATORY PROTECTION:** In operations where the occupational exposure limits are exceeded or if use at elevated temperature where smoke is produced, 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.

### 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.

## 9. Physical & Chemical Properties

<b>Appearance:</b>	Copper colored paste.	<b>Flammability(solid/gas):</b>	Not available.
<b>Vapor Density(air=1):</b>	Not available.	<b>Flammability Limit-lower (%):</b>	Not established.
<b>Odor:</b>	Mild petroleum odor.	<b>Flammability Limit-upper (%):</b>	Not established.
<b>Odor Threshold:</b>	Not established.	<b>Explosion Properties:</b>	None.
<b>pH:</b>	Not available.	<b>Oxidizing Properties:</b>	Not oxidizing.
<b>Melting/Freezing Point:</b>	Not available.	<b>Vapor Pressure:</b>	Not established.
<b>Boiling Point/Range:</b>	Not available.	<b>Auto-Ignition Temperature:</b>	Not available.
<b>Viscosity:</b>	Not available.	<b>Decomposition Temperature:</b>	Not available.
<b>Flash Point:</b>	>350°F	<b>Partition Coeff (n-octanol/water):</b>	Not available.
<b>Specific Gravity:</b>	1.2	<b>VOC Content:</b>	<0.2%
<b>Evaporation Rate:</b>	Not available.	<b>Aerosol Fire Protection Level:</b>	Not applicable.
<b>Solubility (water):</b>	Not soluble.		

## 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.

### INCOMPATIBLE MATERIALS:

Avoid strong oxidizing agents and acids.

### CONDITIONS TO AVOID:

Use with strong oxidizing chemicals, such as concentrated acids.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition products may yield oxides of carbon.

## 11. Toxicological Information

### PRIMARY ROUTE OF ENTRY:

**EYES:** May cause mild irritation.

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

**INHALATION:** No adverse effects expected at ambient temperatures. Inhalation 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 EFFECTS:

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

### ACUTE TOXICITY:

**Distillates (petroleum), hydrotreated heavy naphthenic:** Oral rat LD50 > 5000 mg/kg, inhalation rat LC50: 2.18 mg/L, dermal rabbit LD50 > 2000 mg/kg

**Distillates (petroleum), solvent-dewaxed heavy paraffinic:** Oral rat LD50 > 5000 mg/kg, inhalation rat LC50: 2.18 mg/L, dermal rabbit LD50 > 2000 mg/kg

**Copper:** Oral rat LD50 > 2500 mg/kg, inhalation rat LC50 > 5.11 mg/L, dermal rat LD50 > 2000 mg/kg

**Graphite:** Oral rat LD50 > 2000 mg/kg, inhalation rat LC50 > 2 mg/L

## 12. Ecological Information

### ECOTOXICITY:

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

**Distillates (petroleum), solvent-dewaxed heavy paraffinic:** Pimephales promelas LL50 > 100 mg/L

**Copper:** Salmo gairdneri LC50: 190 ug/L/96 hr. Copper is classified as toxic to aquatic organisms.

**Graphite:** Danio rerio LC50 > 100 mg/L/96hr

### 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: None.

**UN PROPER SHIPPING NAME:** Not regulated.

**TECHNICAL NAME:** None.

**TRANSPORT HAZARD CLASS(ES):**

**Class:** None.

**Subsidiary risk:** -

**Labels (49 CFR172.1.1):** None.

**IMDG:** UN NUMBER: UN3077

**UN PROPER SHIPPING DESCRIPTION:** Environmentally Hazardous Substance, solid, n.o.s. (contains copper)

**TRANSPORT HAZARD CLASS(ES):**

**Hazard Class:** 9

**Subsidiary risk:** -

**Label(s):** Class 9

**PACKING GROUP:** III

**MARKING REQUIRED:** Environmentally Hazardous Substance, solid, n.o.s. (contains copper), UN3077

**PLACARD REQUIRED:** None if shipped as a Limited Quantity.

Note: This product can be shipped as a limited quantity in inner packages of <5 kg with a package max of 30 kg.

**ICAO/IATA:** UN NUMBER: UN3077

**UN PROPER SHIPPING DESCRIPTION:** Environmentally Hazardous Substance, solid, n.o.s. (contains copper)

**TRANSPORT HAZARD CLASS(ES):**

**Class:** 9

**Subsidiary risk:** -

**Label(s):** Class 9

**PACKING GROUP:** III

## 15. Regulatory Information

### SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT IN QUESTION:

#### CERCLA Hazardous Substances (Section 103)/RQ:

This product has a Reportable Quantity (RQ) of 14,285 lbs. (based on the RQ for Copper of 5,000 lbs. present at 20-35%). Releases above the RQ must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.

Not Hazardous

#### SARA 313:

This product contains the following chemicals regulated under SARA Title III, section 313:

Copper, 20-30%

#### EPA TSCA Inventory:

All of the components of this product are listed on the TSCA inventory.

#### 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.