



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Anti-Seize II - Copper Compound
RED LION PART NUMBER: 74426 and 74407
PRODUCT TYPE: Lubricant
CHEMICAL FAMILY: N/A

DATE PREPARED: 4/25/96

CHROMATE INDUSTRIAL CORPORATION
100 DaVinci Drive, Bohemia, NY 11716 • (888) 567-2206

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	STEL	CAS #
Copper, as Fume or Dust	21.9	1mg/m ³	1mg/m ³	N/D	7440-50-8
Petroleum Grease/Oil	N/D	5mg/m ³	5mg/m ³	N/D	Complex Mixture
Corrosion Inhibitor	N/D	NOT ESTABLISHED		N/D	Trade Secret
Graphite	N/D	2.5mg/m ³	2.5mg/m ³	N/D	7782-42-5

* An asterisk (*) indicates the toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.

3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Ingestion, Skin
EFFECTS OF OVEREXPOSURE:

INHALATION: Not likely under normal conditions of use. If using in high temperature applications where thermal decomposition is likely, use a local exhaust to keep fumes down. Avoid breathing large quantities of the thermal decomposition fumes.

INGESTION: If ingested, this product is not expected to cause an acute reaction. This product contains a petroleum oil.

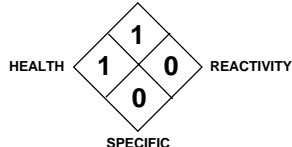
SKIN CONTACT: This product is not particularly toxic, as with any petroleum based product, skin irritation can occur if prolonged or repeated skin contact occurs. Keep out of open wounds.

EYE CONTACT: Could cause some mechanical irritation if gotten into the eyes and rubbed.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None

HAZARD RATINGS

NFR: FLAMMABILITY



HMS:

1	HEALTH
1	FLAMMABILITY
0	REACTIVITY
A	PROTECTION

4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

INHALATION: If dizziness or irritation occurs, seek fresh air.

INGESTION: Do not induce vomiting, because the oil may be aspirated into the lungs. Consult a poison control center or a physician.

SKIN CONTACT: Wash with soap and water, using a nail brush. Apply a skin lotion. Pay particular attention to finger nails and open wounds.

EYE CONTACT: Flush eye with water for 15 minutes, lifting the eyelids. If irritation persists, consult a physician.

5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USE): >350°F COC **FLAMMABLE LIMITS:** LEL N/D UEL N/D

EXTINGUISHING MEDIA: Foam, CO₂, dry chemical.

FIRE FIGHTING PROCEDURES: This compound will not burn unless it is pre-heated. Water fog may be used to cool the containers, however frothing may occur if water is sprayed directly into a burning container. Wear a NIOSH approved organic vapor respirator.

UNUSUAL AND EXPLOSION HAZARDS: Dense smoke may be generated, spilled contents may cause extremely slippery floors. Wear self-contained breathing apparatus.

6. ACCIDENTIAL RELEASE MEASURES

SPILLS OR LEAKS: Because of the viscous nature of this product, spills are unlikely. Scoop up the material and return it to its original container.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Keep container closed. Store away from high heat, open flames, strong oxidizers. Keep away from children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Normally not required. If this product is being used in high temperature applications where the product "smokes" use a local exhaust or ventilate the area to maintain the air quality or use a NIOSH approved organic vapor respirator.

SKIN PROTECTION: Normally not required. If prolonged or repeated skin contact is expected, use an oil resistant glove such as latex or neoprene.

EYE PROTECTION: Safety glasses recommended.

WORK/HYGIENIC PRACTICES: Thoroughly wash with soap and water, using a nail brush. Remove all material.

EXPOSURE GUIDELINES: Provide general and/or local exhaust ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A

VAPOR PRESSURE PSIG at 70°F: N/D

VAPOR DENSITY (AIR = 1): N/D

SOLUBILITY IN WATER: Nil

PERCENT VOLATILE BY VOLUME: 0

APPEARANCE AND ODOR: Copper colored paste, grease odor

SPECIFIC GRAVITY (H₂O = 1): 1.2

MELTING POINT: N/A

pH: N/A

EVAPORATION RATE (BUTYL ACETATE = 1): N/A

FORM: Paste **VOLATILE COMPONENTS:** N/D

10. STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None reasonably foreseen.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents, bromates, chlorates, iodates.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: The thermal decomposition by products are highly dependent upon the combustion conditions. A complex mixture of airborne solids and fumes will be generated, some of which may be noxious or toxic gases.

11. TOXICOLOGICAL INFORMATION

EYE: No data available.

SKIN: No data available.

INGESTION: No data available.

INHALATION: No data available.

SUBCHRONIC: No data available.

CHRONIC CARCINOGENICITY:

NTP: Not Listed **IARC MONOGRAPH:** Not Listed **OSHA REGULATED:** Not Regulated

TERATOLOGY: No data available.

REPRODUCTION: No data available.

MUTAGENICITY: No data available.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available.

CHEMICAL FATE INFORMATION: No data available.

13. DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS: No data available.

WASTE DISPOSAL METHOD: Consult state, local and federal guidelines. Contains a petroleum oil, the preferred method of disposal in incineration. Do not discharge into sewers or waterways.

14. TRANSPORT INFORMATION

TRANSPORTATION REQUIREMENTS (49CFR172-101)

D.O.T. CLASSIFICATION: Consumer Commodity ORM-D

D.O.T. SHIPPING NAME: None

15. REGULATORY INFORMATION

EXPOSURE LIMITS: No data available.

16. OTHER INFORMATION

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this MSDS. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

N/D — NOT DETERMINED N/A — NOT APPLICABLE N/R — NOT REGULATED

Conforms to 29 CFR 1910.1200, OSHA

ANSI Z129.1 - 1988 American National Standard for Hazardous Industrial Chemicals