



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**

5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

**FOR CHEMICAL  
EMERGENCY**

Call ChemTrec day/night:  
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## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** RED LION ANTI-SEIZE II COPPER  
**PART NUMBER:** 74407  
74426

**DATE PREPARED:** February 11, 2009

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## SECTION 2 – COMPOSITION

	CAS #	OSHA PEL	TLV	SARA III	PROP 65	PERCENT
COPPER , AS FUME OR DUST	7440-50-8	1mg/m3	SAME	YES	NO	20 to 35
PETROLEUM GREASE/OIL	64742-62-7	5mg/m3	SAME	NO	NO	35 to 60
GRAPHITE	7782-42-5	2.5mg/m3	SAME	NO	NO	10 to 20
SILICA, CRYSTALLINE QUARTZ	14808-60-7	0.1 mg/m3	SAME	NO	NO	< 1

## SECTION 3 – PHYSICAL PROPERTIES

**BOILING POINT:** N/A  
**MELTING POINT:** N/A  
**VAPOR PRESSURE:** NO DATA  
**EVAPORATION RATE:** N/A

**SOLUBILITY IN WATER:** NIL  
**REACTIVITY IN WATER:** NONE  
**SPECIFIC GRAVITY:** 1.2  
**VOLATILE:** 0

**APPEARANCE AND ODOR:** COPPER COLORED PASTE, GREASE ODOR

## SECTION 4 – FIRE & EXPLOSION DATA

**FLASH POINT AND METHOD USED:** >350°F C.O.C.

**FLAMMABLE LIMITS:** LEL: NO DATA UEL: NO DATA

**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL

**SPECIAL FIRE FIGHTING PROCEDURES:** This compound will not burn unless it is preheated. Water fog may be used to cool the containers however, frothing may occur if water is sprayed directly into a burning container.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Dense smoke may be generated in a fire. Spilled contents may cause extremely slippery floors. Noxious or toxic fumes may be formed in a fire. Wear self-contained breathing apparatus (SCUBA).

## SECTION 5 – PHYSICAL HAZARDS

**STABILITY:** STABLE

**CONDITIONS TO AVOID:** NONE REASONABLY FORESEEN

**INCOMPATIBILITY:** STRONG OXIDIZING AGENTS, BROMATES, CHLORATES, IODATES

**HAZARDOUS DECOMPOSITION PRODUCTS:** 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.

**HAZARDOUS POLYMERIZATION:** Will not occur.

N/A — NOT APPLICABLE  
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

**SECTION 6 – HEALTH HAZARDS AND FIRST AID**

**ROUTES OF ENTRY:** SKIN and INGESTION

**HEALTH HAZARDS:** 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. Avoid breathing large quantities of the thermal decomposition fumes.

**EMERGENCY FIRST AID PROCEDURES**

**SKIN:** Wash with soap and water, using a nail brush. Apply a skin lotion.

**EYES:** This product could cause some mechanical irritation if gotten into the eyes and rubbed. Flush eyes with water for a true 15 minutes, lifting the upper and lower eyelids. If irritation persists consult a physician.

**INGESTION:** If ingested this product is not expected to cause an acute reaction. This product contains a petroleum oil. *DO NOT INDUCE VOMITING* because the oil may be aspirated into the lungs. Consult a physician or poison control center.

**INHALATION:** Not likely under normal conditions of use. If using in high temperature applications where thermal decomposition is likely, use local exhaust to keep down fumes. If dizziness or irritation occurs, seek fresh air.

**CHEMICAL(S) LISTED AS CARCINOGENS**

**NPT:** NO

**IARC:** NO

**OSHA:** NO

**SECTION 7 – SPILL PRECAUTIONS AND SPILL PROCEDURES**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep in container closed. Store away from high heat, open flames, strong oxidizers. *KEEP AWAY FROM CHILDREN.*

**OTHER PRECAUTIONS:**

**SPILL/ LEAKAGE PROCEDURES:** Because of the viscous nature of this product, spill are unlikely. Scoop it to back into the container. Copper is listed as a hazardous water pollutant.

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

**SECTION 8 – SPECIAL PROTECTION INFORMATION**

**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.

**PROTECTIVE GLOVES:** Normally not required. If prolonged or repeated skin contact is expected use an oil resistant glove such as latex or neoprene.

**EYE PROTECTION:** Recommended.

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

**SECTION 9 – REGULATORY INFORMATION**

**CALIFORNIA PROPOSITION 65:** NO

**OZONE DEPLETING SUBSTANCES:** NONE

**SARA TITLE III:** Copper

**CERCLA:** Copper

**RCRA:** NO

**DOT SHIPPING CLASS:** Not hazardous

**TSCA INVENTORY:** ALL INGREDIENTS LISTED

**NFPA. RATING:** Health: 1 Fire: 2 Reactivity: 0

**HMIS RATING:** Health: 1 Fire: 1 Reactivity: 0 PP: A

**SECTION 10 – DISCLAIMER**

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