



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Anti-Seize
RED LION PART NUMBER: 74118
PRODUCT TYPE: Lubricant
CHEMICAL FAMILY: N/A

DATE PREPARED: 2/11/2000

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 #
Aliphatic Petroleum Distillates**	30-40	400	N/D	N/D	64742-89-8
Propane/Isobutane/n-Butane	20-30	1000	1000	Asphyxiant	74-98-6
Copper Flake*	1-10	1mg/m ³	1mg/m ³	N/D	7440-50-80
Naphthenic Distillate	5-20	N/D	2	N/D	64742-52-50
Graphite Flake	1-15	N/D	15 mppcf	N/D	7782-42-5
Petrolatum	10-20	N/D	N/D	N/D	8009-03-8

**Aliphatic Petroleum Distillates contain a maximum of 3.5% cyclohexane (110-82-7) which is subject to the reporting requirements of Section 313 of SARA Title III.

* 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: Inhalation, Ingestion, Skin, Eyes
EFFECTS OF OVEREXPOSURE:

INHALATION: May cause dizziness or narcosis in high vapor concentrations. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. May irritate respiratory tract. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal. Difficulty in breathing.

INGESTION: Vomiting. Aspiration hazard if swallowed.

SKIN CONTACT: Irritation, redness. Will cause defatting of skin. Effects are reversible.

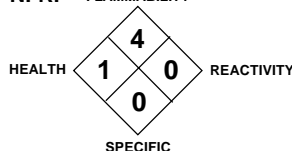
EYE CONTACT: Irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Heart Disease; Respiratory Disorders.

HAZARD RATINGS

NFR: FLAMMABILITY



HMS:

1	HEALTH
4	FLAMMABILITY
0	REACTIVITY
B	PROTECTION

NFPA 30B RATING: 3

4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Give oxygen.

INGESTION: Do not induce vomiting. Never administer adrenalin following overexposure.

SKIN CONTACT: Wash with soap and water.

EYE CONTACT: Wash with water for 15 minutes. Get medical help.

5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USE): -142°F TCC **FLAMMABLE LIMITS:** LEL 1.8 UEL 9.5

EXTINGUISHING MEDIA: Use water fog, dry chemical or carbon dioxide.

FIRE FIGHTING PROCEDURES: Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.

UNUSUAL AND EXPLOSION HAZARDS: Heated cans may burst.

6. ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Keep away from heat, sparks or open flame. Store at temperatures below 120°F. When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY: Use NIOSH approved respirator if TLV limit is exceeded.
SKIN PROTECTION: None required if spraying.
EYE PROTECTION: Safety glasses.
OTHER EQUIPMENT: Long sleeve and long pants.
EXPOSURE GUIDELINES: Provide general and/or local exhaust ventilation.
ENGINEERING CONTROLS: No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: -40°F to >500°F	SPECIFIC GRAVITY (H₂O = 1): 0.8
VAPOR PRESSURE PSIG at 70°F: 54	MELTING POINT: N/A
VAPOR DENSITY (AIR = 1): 4.0	pH: N/A
SOLUBILITY IN WATER: Nil	EVAPORATION RATE (BUTYL ACETATE = 1): >1
PERCENT VOLATILE BY VOLUME: N/A	FORM: Liquid VOLATILE COMPONENTS: N/D
APPEARANCE AND ODOR: Copper, Solvent	

10. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: High temperatures
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon dioxide, water

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:
CARCINOGENICITY: NTP: Not Listed **IARC MONOGRAPH:** Not Listed **OSHA REGULATED:** Not Regulated
CALIFORNIA PROPOSITION 65: WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
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: Dispose as hazardous waste in accordance with EPA RCRA.

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.

MSDS STATUS: Revised 2/11/2000

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