



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

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FOR CHEMICAL
EMERGENCY
Call Chemtrec day/night:
1-800-424-9300

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Anti-Seize Aluminum
RED LION PART NUMBER: 74423 and 74425
PRODUCT TYPE: Lubricant
CHEMICAL FAMILY: N/A

DATE PREPARED: 4/25/96

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2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	STEL	CAS #
Aluminum, Fume or Dust	10	5mg/m ³	5mg/m ³	N/D	7429-90-5

* 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 remove fumes.

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

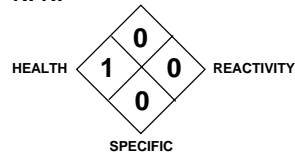
SKIN CONTACT: This product is relatively non-irritating and has relatively low toxicity.

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

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None

HAZARD RATINGS

NFR: FLAMMABILITY



HMIS: **1** HEALTH
0 FLAMMABILITY
0 REACTIVITY
A PROTECTION

Two icons representing personal protective equipment: safety glasses and work gloves.

4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

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

INGESTION: Do not induce vomiting, because it may be aspirated into the lungs.

Use a gastric lavage and call a poison control center or a physician.

SKIN CONTACT: Wash with soap and water, using a nail brush. 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 but do not spray directly into large containers of burning liquids as frothing may occur. Wear a NIOSH approved organic vapor respirator.

UNUSUAL AND EXPLOSION HAZARDS: Dense smoke and noxious or toxic fumes may be generated in a fire. Fire fighters should wear a self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: The viscous nature of this product makes spill unlikely. Scoop up the material and return it to its original container, or use an oil absorbent material and dispose of properly.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Store in closed containers away from intense heat or open flames. Do not transfer to unmarked containers. 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.

EYE PROTECTION: Safety glasses recommended.

WORK/HYGIENIC PRACTICES: Use good standard practices when using this material. Do not eat or smoke while using and thoroughly wash with soap and water, using a nail brush after using.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: >350°F

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: Aluminum colored paste, slight odor

SPECIFIC GRAVITY (H₂O = 1): 1.05

MELTING POINT: >500°F

pH: N/A

EVAPORATION RATE (BUTYL ACETATE = 1): 0

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

10. STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: The thermal decomposition products are highly dependant upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

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: Dispose of in a responsible manner. Follow local, state and federal guidelines. Do not discharge into sewers or waterways. Incineration is the preferred method of disposal, although it may be landfilled at an approved facility.

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