



MATERIAL SAFETY DATA SHEET

CHROMATE[®] INDUSTRIAL CORP.

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

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

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Red Grease II, III
RED LION PART NUMBERS: 74402, 74404, 74408, 74410
PRODUCT TYPE: Lubricant
CHEMICAL FAMILY: N/A

DATE PREPARED: 9/05/97

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2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	OSHA PEL	ACGIH TLV	STEL	CAS #
Petroleum Oil Mixture	5mg/M ³ TWA for oil mist	5mg/M ³ TWA for oil mist	N/D	8002-05-9

* 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

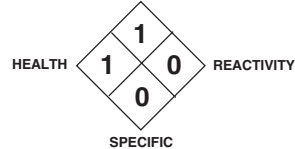
PRIMARY ROUTES OF ENTRY: Inhalation, Ingestion, Skin, Eyes

EFFECTS OF OVEREXPOSURE:

- INHALATION:** Not expected to be a problem. Massive exposure to vapors or fumes may cause headaches, dizziness, and/or drowsiness.
- INGESTION:** May cause vomiting, nausea, diarrhea.
- SKIN CONTACT:** May cause irritation.
- EYE CONTACT:** May cause irritation.
- MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Dermatitis.

HAZARD RATINGS

NFR: FLAMMABILITY



HMS:

1	HEALTH
1	FLAMMABILITY
0	REACTIVITY
B	PROTECTION

4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

- INHALATION:** Remove to fresh air.
- INGESTION:** DO NOT INDUCE VOMITING. Give 3-4 glasses of water. Seek medical attention.
- SKIN CONTACT:** Remove contaminated clothing. Wash with soap and water.
- EYE CONTACT:** Wash with large amounts of water. If irritation persists, call a physician.

5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USE): >400°F COC **FLAMMABLE LIMITS:** N/A **LEL:** N/D **UEL:** N/D

EXTINGUISHING MEDIA: Dry chemical (preferred), carbon dioxide, foam, water.

FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.

UNUSUAL AND EXPLOSION HAZARDS: Empty containers may retain product residue including flammable or explosive vapors. Do not cut, grill, grind or weld on or near full, part full or empty drum.

6. ACCIDENTIAL RELEASE MEASURES

SPILLS OR LEAKS: Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year. **KEEP OUT OF REACH OF CHILDREN.** Empty containers may contain explosive gas. Do not work in oil soaked clothing. Wash after handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY: None required.

SKIN PROTECTION: Wear oil resistant type gloves.

EYE PROTECTION: Splash goggles or safety glasses.

OTHER EQUIPMENT: Oil resistant apron.

HYGIENIC WORK PRACTICES: Do not work in oil soaked clothing. Wash after handling.

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

ENGINEERING CONTROLS: No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A

VAPOR DENSITY (AIR = 1): 12

SOLUBILITY IN WATER: Negligible

PERCENT VOLATILE BY VOLUME: N/A

APPEARANCE AND ODOR: Red gel with oil odor.

SPECIFIC GRAVITY (H₂O = 1): 0.8

MELTING POINT: N/D

pH: N/A

VAPOR PRESSURE (mm Hg and Temp): <0.01

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

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

10. STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY (MATERIALS TO AVOID): Chlorine or oxygen.

CONDITIONS TO AVOID: Oxidizing atmospheres.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal: unidentified organics. Oxidation: oxides of carbon.

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

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 accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

TRANSPORTATION REQUIREMENTS (49CFR172-101)

D.O.T. CLASSIFICATION: Non-hazardous

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