



# MATERIAL SAFETY DATA SHEET



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  
RED LION PART NUMBER: 74114  
PRODUCT TYPE: Lubricant  
CHEMICAL FAMILY: N/A

DATE PREPARED: 5/10/06

CHROMATE INDUSTRIAL CORPORATION  
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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	STEL	CAS #
Petroleum Distillate	—	500 ppm	500 ppm	N/D	8002-05-9
Isobutane	—	800 ppm	800 ppm	N/D	75-28-5
Propane	—	1000 ppm	1000 ppm	N/D	74-98-6
Heptane	—	500 ppm	500 ppm	N/D	142-82-5
Acetone	—	1000 ppm	750 ppm	N/D	67-64-1
Paraffinic Petroleum Distillate	—	100 ppm	N/E	N/D	64742-47-8

\* 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:

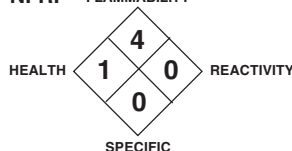
- INHALATION:** Can cause headaches, dizziness.
- INGESTION:** Possible chemical pneumonitis if aspirated into lungs.
- SKIN CONTACT:** Irritation. Can cause skin defatting.
- EYE CONTACT:** Irritation.
- MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**  
Asthma.

## HAZARD RATINGS

NFR: FLAMMABILITY

HMIS:

2	HEALTH
4	FLAMMABILITY
0	REACTIVITY
B	PROTECTION



NFPA 30B RATING: 2

## 4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

- INHALATION:** Remove to fresh air. Resuscitate if necessary. Get medical attention.
- INGESTION:** DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.
- SKIN CONTACT:** Wash with soap and water. If irritated, seek medical attention.
- EYE CONTACT:** Flush with water for 15 minutes. If irritated, seek medical attention.

## 5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USE): N/A FLAMMABLE LIMITS: LEL N/E UEL N/E

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide.

FIRE FIGHTING PROCEDURES: Use water fog to cool containers to prevent rupturing and bursting.

UNUSUAL AND EXPLOSION HAZARDS: Do not expose aerosols to temperatures above 130°F or the container may rupture. Provide shielding to protect personnel.

## 6. ACCIDENTIAL RELEASE MEASURES

SPILLS OR LEAKS: Cover with absorbent material and sweep up. Wash area to prevent slippage. Incinerate or landfill according to local, state or federal regulations.

## 7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Do not puncture or incinerate containers. Do not store at temperatures above 130°F. KEEP OUT OF REACH OF CHILDREN. Wash with soap and water after contact.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**RESPIRATORY:** None normally needed. If TLV limit is exceeded, use respirator approved by NIOSH for organic vapors.

**SKIN PROTECTION:** Solvent resistant protective gloves. Wash with soap and water after contact.

**EYE PROTECTION:** Safety glasses.

**OTHER EQUIPMENT:** None required. Eyewash station suggested.

**EXPOSURE GUIDELINES:** Normal room ventilation is sufficient with periodic use. For continuous spray, local exhaust provided by explosion proof motor is recommended.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** N/A

**VAPOR PRESSURE PSIG at 70°F:** 25-46 psig

**VAPOR DENSITY (AIR = 1):** N/D

**SOLUBILITY IN WATER:** Nil

**PERCENT VOLATILE BY VOLUME:** N/A

**APPEARANCE AND ODOR:** Red color with solvent odor

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** Concentrate only = .81

**MELTING POINT:** N/A

**pH:** N/A

**EVAPORATION RATE (BUTYL ACETATE = 1):** N/E

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

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## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Open flame, welding arcs, heat, sparks.

**HAZARDOUS POLYMERIZATION:** Will not occur

**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxygen and oxidants.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Carbon dioxide, carbon monoxide

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## 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.

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## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** No data available.

**CHEMICAL FATE INFORMATION:** No data available.

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## 13. DISPOSAL CONSIDERATIONS

**RCRA HAZARD CLASS:** No data available.

**WASTE DISPOSAL METHOD:** Aerosol cans when vented to atmospheric pressure through normal use pose no disposal hazard.

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## 14. TRANSPORT INFORMATION

**TRANSPORTATION REQUIREMENTS (49CFR172-101)**

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

**D.O.T. SHIPPING NAME:** None

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## 15. REGULATORY INFORMATION

**EXPOSURE LIMITS:** No data available.

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## 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.

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