



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: Diesel Fuel Additive
RED LION PART NUMBER: 74245 - 74249 and 74604
PRODUCT TYPE: Emulsifier
CHEMICAL FAMILY: Hydrocarbon Blend

DATE PREPARED: 9/1/96

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2. COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME | % BY WEIGHT | ACGIH TLV | CAS # |
|-------------------|-------------|-----------|-----------|
| Mineral Spirits | to 95 | 100ppm | 8052-41-3 |
| 2-Butoxy Ethanol* | to 8 | 25ppm TWA | 111-76-2 |
| Surfactant Blend | to 4 | N/D | Mixture |

* 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:

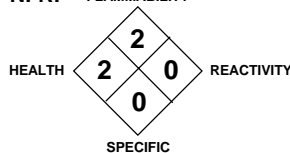
- INHALATION:** May cause severe irritation to upper tract.
- INGESTION:** May cause severe irritation of mucous membranes.
- SKIN CONTACT:** May cause severe irritation.
- EYE CONTACT:** May cause severe irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Person with present skin disorder may be more susceptible to irritation.

HAZARD RATINGS

NFR: FLAMMABILITY



HMIS: **2** HEALTH
2 FLAMMABILITY
0 REACTIVITY
B PROTECTION

4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

- INHALATION:** Remove to fresh air.
- INGESTION:** DO NOT INDUCE VOMITING. Drink plenty of water. If unconscious or in convulsion, take to a hospital or physician.
- SKIN CONTACT:** Wash off with soap and water.
- EYE CONTACT:** Flush with running water for 15 minutes.

5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USE): 105°F FLAMMABLE LIMITS: Combustible LEL N/D UEL N/D
EXTINGUISHING MEDIA: Foam, Dry Chemical, CO₂
FIRE FIGHTING PROCEDURES: Floor may be slippery
UNUSUAL AND EXPLOSION HAZARDS: Closed drums may explode

6. ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Dike & contain spill, absorb the liquid.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. For institutional and industrial use only. For use by trained personnel only. Store and keep in closed container, in a cool place. Avoid freezing. Use only in well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY: No special requirements.
SKIN PROTECTION: Chemical resistant gloves.
EYE PROTECTION: Goggles or face shield.
EXPOSURE GUIDELINES: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines. Good general ventilation should be sufficient for most condition.
ENGINEERING CONTROLS: No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES**BOILING POINT:** 315°F**VAPOR PRESSURE (mm Hg):** 2mmHg**VAPOR DENSITY (AIR = 1):** 4.9**SOLUBILITY IN WATER:** Insoluble**PERCENT VOLATILE BY VOLUME:** 94-96**APPEARANCE AND ODOR:** Clear Liquid, Chemical Odor**SPECIFIC GRAVITY (H₂O = 1):** 0.85**MELTING POINT:** N/A**pH:** 6-7**EVAPORATION RATE (BUTYL ACETATE = 1):** 0.12**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:** Normal products of combustion

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:** Scoop or shovel solid material into a suitable container for recovery or disposal. Area may become slippery. Flush cleaned area with water. Dispose according to local, state and federal requirements.

14. TRANSPORT INFORMATION**TRANSPORTATION REQUIREMENTS (49CFR172-101)****D.O.T. CLASSIFICATION:** Combustible Liquid**D.O.T. SHIPPING NAME:** Compound, Cleaning Liquid (contains Petroleum Naptha) 3, UN 2319, PGIII

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 9/1/96