



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Starting Fluid
RED LION PART NUMBER: 74109
PRODUCT TYPE: Specialty
CHEMICAL FAMILY: N/A

DATE PREPARED: 7/17/96

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 #
Heptane	N/D	N/D	N/D	N/D	142-82-5
Ether	N/D	N/D	N/D	N/D	60-29-7
Carbon Dioxide	N/D	N/D	N/D	N/D	134-38-9

* 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

EFFECTS OF OVEREXPOSURE:

INHALATION: Hexane may damage peripheral nerve tissue and result in muscular weakness. Overexposure has been suggested as a cause of central nervous system damage. Dizziness, weakness, fatigue and nausea.

INGESTION: Nausea

SKIN CONTACT: Redness, burning, drying and cracking.

EYE CONTACT: Mild eye irritation, stinging and redness.

HAZARD RATINGS

NFR: FLAMMABILITY

HMIS: **2** HEALTH



4 FLAMMABILITY

1 REACTIVITY

B PROTECTION



4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove person from area. If breathing is difficult, administer oxygen.

INGESTION: Keep person warm and calm, do not induce vomiting, get medical attention.

SKIN CONTACT: Remove contaminated clothing, wash skin with soap and water.

EYE CONTACT: Flush eyes with clean water while holding eye lids apart.

5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USE): -10°F FLAMMABLE LIMITS: LEL 1.0 UEL N/D

EXTINGUISHING MEDIA: Regular foam or carbon dioxide or dry chemical.

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure mode when fighting fires.

UNUSUAL AND EXPLOSION HAZARDS: Materials are slightly volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, sparks, heaters, smoking, electric motor, static discharge or other ignition sources.

6. ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: **Small:** Absorb liquid on paper vermiculate.

Large: Eliminate all ignition sources. Persons not wearing protective clothing should be excluded from area of spill. Dike area of spill to prevent spreading.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Containers of this material may be hazardous when emptied since containers retain residue. All hazard precautions given must be observed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY: A NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control.

SKIN PROTECTION: Nitrile rubber protective gloves

EYE PROTECTION: Chemical splash goggles.

OTHER EQUIPMENT: Impervious clothing and boots should be worn to prevent repeated or prolonged skin contact.

WORK HYGIENIC PRACTICES: Well ventilated area.

ENGINEERING CONTROLS: No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 156°F

VAPOR PRESSURE PSIG at 70°F: 68°F

VAPOR DENSITY (AIR = 1): 3.0

SOLUBILITY IN WATER: 100%

PERCENT VOLATILE BY VOLUME: N/A

APPEARANCE AND ODOR: Clear milky in color with very strong odor from ether

SPECIFIC GRAVITY (H₂O = 1): .680

MELTING POINT: N/A

pH: N/A

EVAPORATION RATE (BUTYL ACETATE = 1): 9.0

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: Carbon dioxide and carbon monoxide, various hydrocarbons.

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: Always dispose of materials in accordance with your local regulations, state and federal regulations.

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