



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

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**FOR CHEMICAL
EMERGENCY**

Call ChemTrec day/night:
1-800-424-9300

PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RED LION BRAKE CLEANER II
PART NUMBER: 74148
PRODUCT TYPE: CLEANER
CHEM. FAMILY: HEPTANE/ALCOHOL BLEND

DATE PREPARED: February 8, 2009
CHROMATE INDUSTRIAL CORPORATION
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DOT Hazard Classification: ORM-D
NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA

SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

NFPA RATING: Health: 2 Flammability: 3 Reactivity: 0 Special: B
HMIS RATING: Health: 2 Flammability: 3 Reactivity: 0 Personal Protection: B

COMPONENTS- CHEMICAL NAMES/COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN Ref. Source **
HEPTANE	142-82-5	No	500	400	d
ALCOHOL:					
ETHANOL or	64-17-5	No	1000	1000	d
ISOPROPANOL	67-63-0	No	400	400	d
CARBON DIOXIDE	124-38-9	No	5000	5000	d

SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: N/A
Specific Gravity (H₂O=1): Concentrate Only = 0.675
Vapor Pressure: PSIG @ 70°F (Aerosols): 80-100
Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density (Air = 1): N/E
Evaporation Rate (= 1): N/E
Solubility in Water: None
Water Reactive: No
Appearance and Odor: Clear forceful spray with aliphatic solvent odor.

SECTION 3 – FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols): *EXTREMELY FLAMMABLE*
Auto-Ignition Temperature: N/E
Flammability Limits in Air by % in Volume: % LEL: N/E
% UEL: N/E
FLASH POINT AND METHOD USED (non-aerosols): N/A
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus (SCUBA).
EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide.
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 4 – REACTIVITY HAZARD DATA

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

Incompatibility (Materials to Avoid): Strong oxidizing agents.

Conditions to Avoid: Open flame, welding arcs, heat, sparks.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.

SECTION 5 – HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION and SKIN ABSORPTION

ACUTE EFFECTS

Inhalation: Excessive inhalation of vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation.

Eye Contact: Slight irritation.

Skin Contact: Slight irritation due to defatting of skin.

Ingestion: Irritation.

CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture)

Excessive inhalation may result in central nervous system effects.

Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.

Skin Contact: Wash with soap and water. If irritated, seek medical attention.

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.

SECTION 6 – CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH approved for organic vapor.

Protective Gloves: Neoprene

Eye Protection: Safety glasses recommended.

Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.

Other Protective Clothing & Equipment: None

Hygienic Work Practices: Wash with soap and water before handling food.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.

Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

Other Precautions &/or Special Hazards: *KEEP OUT OF REACH OF CHILDREN.* Avoid food contamination.

OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only