



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

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

**FOR CHEMICAL
EMERGENCY**

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

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RED LION BRAKE CLEANER LOW VOC

DATE PREPARED: July 15, 2008

PART NUMBER: 74256-74257

PRODUCT TYPE: Solvent Cleaning

CHROMATE INDUSTRIAL CORPORATION

CHEM. FAMILY: NOS (Acetone, Heptane) 3

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SECTION 2 – SHIPPING CLASSIFICATION

PROPER SHIPPING NAME, HAZARD CLASS, UN/NA NUMBER, PACKAGING GROUP, EMERGENCY RESPONSE GUIDE NUMBER

Flammable liquids, n.o.s. (Acetone, Heptane) 3, UN1993, II

REPORTABLE QUANTITY INFORMATION: 5000 lbs (Acetone)

SECTION 3 – SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION

REPORTING REQUIRED BY TITLE III SEC 313, 40 CFR 372 (*), 29 CFR 1910.1200 EXPOSURE LIMIT VALUES

CAS#	313	MATERIAL OR COMPONENT	ACGIH TLV	%
67-64-1	Yes	Acetone	750 ppm PEL 1000 ppm	75 - 85
142-82-5		Heptane	400 ppm PEL 400 ppm	15 - 25

No components are listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 1994-95" from ACGIH except as listed above. Components listed in TITLE III SEC 313 are indicated by "Yes" above.

EMERGENCY OVERVIEW: Material is highly volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handing point.

Hazardous Products of Combustion: May form carbon dioxide and carbon monoxide, various hydrocarbons.

HMIS HAZARD RATINGS:	HEALTH: 2	FIRE: 3	INSTABILITY: 0	OTHER: None	
NFPA HAZARD RATINGS:	HEALTH: 2	FLAMMABILITY: 3	REACTIVITY: 0	SPECIAL: None	
HAZARD RATINGS:	LEAST: 0	SLIGHT: 1	MODERATE: 2	HIGH: 3	EXTREME: 4

THRESHOLD LIMIT VALUE: Not established.

SARA TITLE III LIST: Section 302: None
Section 311/312: Acute
Section 313: Acetone (67-64-1)

U.S. FEDERAL REGULATIONS: TSCA STATUS: All ingredients listed.

CERCLA REPORTABLE QUANTITY: 5000 lbs (Acetone)

State Right to Know Laws: N/L

SECTION 4 – PHYSICAL CHEMICAL PROPERTIES

APPEARANCE: Clear, Colorless, Liquid

ODOR: Solvent

SPECIFIC GRAVITY: 0.769

pH: N/A

% PHOSPHOROUS: None

REPRODUCTIVE IMPLICATIONS: N/D

INGREDIENT ON CANCER LISTS: None

FLASH POINT °F (TCC): -4.0°F

INITIAL BOILING POINT °F: 133°F

VAPOR PRESSURE (mmHg): 400 mmHg @ 104°F

FREEZING POINT °F: N/D

SOLUBILITY IN WATER: Insoluble

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 5 – SAFE HANDLING AND STORAGE

GENERAL: All five-gallon pails and larger metal containers, including tank cars and tank trucks, should be grounded and/or bonded when material is transferred. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure or sudden ingress of air into vacuum equipment, may result in ignition without the presence of obvious ignition sources.

PROTECTIVE EQUIPMENT:

Eyes: Safety goggles with side shields.

Skin: Chemical resistant gloves.

Respiratory Protection: If workplace exposure limit(s) of product or any component is exceeded, a NIOSH / MSHA approved air supplied respirator is advised.

Ventilation: Local exhaust ventilation to maintain exposure below TLV(s).

Other: None.

SECTION 6 – HEALTH SAFETY DATA**EFFECTS OF CHRONIC OVER EXPOSURE:**

Eyes: Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin: Passage of this material into the body through the skin is possible, and may add to toxic effects from breathing or swallowing.

Inhalation: Breathing small amounts is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits. (See section 3).

Ingestion: This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

SECTION 7 – PHYSICAL STABILITY AND REACTIVITY DATA**EXPLOSIVE LIMITS:**

UPPER: N/D **LOWER:** N/D

CHEMICAL: Stable.

FLASH POINT °F: -4.0 °F

CONDITIONS TO AVOID: Heat, sparks, or flames.

HAZARDOUS DECOMPOSITION PRODUCTS:

May form: carbon dioxide, carbon monoxide, various hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: *Avoid contact with:* acetaldehyde, acids, calcium hypochlorite, chlorine, ethylene oxide, isocyanates, sodium, strong acids, strong oxidizing agents, zinc. Do not use with aluminum equipment at temperatures above 120°F.

SECTION 8 – EMERGENCY RESPONSE PROCEDURES**FIRE:**

Extinguishing Media: Regular foam, alcohol foam, carbon dioxide, dry chemical.

Note: Water may be ineffective. Water may be used to keep fire-exposed containers cool until fire is out.

Unusual Hazards: *Hazardous Products of Combustion:* May form carbon dioxide and carbon monoxide, various hydrocarbons.

FIRST AID:

Eyes: Flush eyes with water for 15 minutes. Seek medical attention.

Skin: Wash exposed area with soap and water. If symptoms persist, seek medical attention.

Inhalation: If symptoms develop, immediately move individual to fresh air. Seek medical attention, keep person warm and quiet.

Ingestion: Seek medical attention. Seek medical attention for advice about whether to induce vomiting.

SPILLS:

Small: Absorb liquid on vermiculite, floor absorbent or other absorbent material.

Large: Eliminate all ignition sources. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. If runoff occurs, notify authorities as required. Pump or vacuum spilled product to clean containers for recover. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal in compliance with local, state and federal regulations.

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