



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 STL KLEEN & SHINE

DATE PREPARED: March 23, 2009

PART NUMBER: 74127

PRODUCT TYPE: CLEANER AND SHINE

CHROMATE INDUSTRIAL CORPORATION

CHEM. FAMILY: ORGANIC/INORGANIC

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SECTION 2 – COMPOSITION / DATA ON COMPONENTS

HAZARDOUS INGREDIENTS	%	EXPOSURE LIMIT C.A.S.#		LD ₅₀ , ROUTE,SPECIES	LC ₅₀ ROUTE,SPECIES
WHITE MINERAL OIL	10-30	5 mg/m ³	8042-47-5	N/A	N/A
SORBITAN MONOOLEATE	1-5	N/A	1338-43-8	NON HAZARDOUS	NON HAZARDOUS
ISOBUTANE	5-10	1000 ppm	75-28-5	N/A	142,500 ppm (4h) INHAL - RAT
PROPANE	1-5	1000 ppm	74-98-6	N/A	N/A

SECTION 3 – HAZARDS IDENTIFICATION

ROUTE OF ENTRY

INGESTION: May cause headache, nausea, vomiting and weakness.

INHALATION: Oil mists be irritating, Propellant is a simple asphyxiant.

EYE CONTACT: Vapors may irritate.

SKIN ABSORPTION: No data available for this product mixture.

SKIN CONTACT: May cause irritation.

EFFECTS OF ACUTE EXPOSURE: Dizziness, nausea, irritation to skin and eyes.

EFFECTS OF CHRONIC EXPOSURE: Solvents may cause defatting dermatitis.

SECTION 4 – FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention. For skin, wash thoroughly with soap and water. If affected by inhalation of vapor or spray mist, remove to fresh air. If swallowed, *DO NOT INDUCE VOMITING*. Get medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

AUTO-IGNITION TEMPERATURE (°C): 220

SPECIAL PROCEDURES: Water from fogging nozzles may be used to cool closed containers to prevent build-up if exposed to extreme temperatures. Full protective equipment including self-contained breathing apparatus should be worn in a fire involving this material.

FLAMMABILITY: Not a flammable product.

IF YES, UNDER WHICH CONDITIONS? Excessive heat, sparks and open flame.

EXTINGUISHING MEDIA: Water, Carbon Dioxide, Dry Chemical, Foam.

UPPER FLAMMABLE LIMIT: (% BY VOLUME): 9.6

LOWER FLAMMABLE LIMIT: (% BY VOLUME): 1.0

EXPLOSION DATA

SENSITIVITY TO DISCHARGE: N/A

SENSITIVITY TO IMPACT: N/A

HAZARDOUS COMBUSTION PRODUCTS: Hydrocarbon fumes and smoke. Carbon Monoxide where combustion is incomplete.

AEROSOL FLAME PROJECTION CLASSIFIED AS: 0 cm

FLASHBACK: None

FLASH POINT (°C) TAG CLOSED-CUP (CONCENTRATE): 149

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 6 – ACCIDENTAL RELEASE MEASURES

LEAK/SPILL: Remove all sources of ignition. Use an inert absorbent material, and use non-sparking tools. Ventilate area. Prevent from entering a watercourse.

SECTION 7 – HANDLING AND STORAGE

STORAGE NEEDS: Keep away from heat, sparks and open flames.

ENGINEERING CONTROLS: Ventilation-local (Mechanical if used indoors on a continuous basis.)

HANDLING PROCEDURES AND EQUIPMENT: Store in a cool, well ventilated area not to exceed 50°C.

SYNERGISTIC MATERIALS: None known.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS / GUIDELINES: If oil mist is generated, exposure limits apply, oil mist.

OSHA PEL: TWA 5mg/m³

GLOVES/TYPE: Wear chemical resistant gloves.

RESPIRATORY/TYPE: If used indoors on a continuous basis, use of a cartridge-type respirator (NIOSH/MSHATC 23C or equivalent) is recommended.

EYE/TYPE: Safety glasses.

FOOTWEAR/TYPE: Not normally required.

OTHER/TYPE: Not required.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Aerosol

APPEARANCE: White Emulsion

ODOR: Lemon

ODOR THRESHOLD: N/A

VAPOR PRESSURE (PSIG)-AEROSOL@20°C: 35-45

BOILING POINT (°C)(CONCENTRATE): 100°C (212°F) BASED ON DATA FOR WATER

EVAPORATION RATE (n-BUTYL ACETATE=1): <1

VAPOR DENSITY (AIR = 1): >1

SOLUBILITY IN WATER g/L (20°C): Miscible

pH: 9.85-10.25

SPECIFIC GRAVITY (LIQUID): 0.94-0.98

CO-EFFICIENT OF WATER/OIL DISTRIBUTION: N/A

FREEZING POINT (°C): N/A

AEROSOL PERCENT VOLATILE (BY WEIGHT): 77-78

SPECIFIC GRAVITY (AEROSOL): 0.87-0.91

SECTION 10 – STABILITY AND REACTIVITY DATA

HAZARDOUS PRODUCTS OF DECOMPOSITION: Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete.

CHEMICAL STABILITY: Yes, under normal conditions.

COMPATIBILITY WITH OTHER SUBSTANCES:

NO, WHICH ONES? Strong Oxidizing Agents

REACTIVITY CONDITIONS: N/A

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

REPRODUCTIVE EFFECTS: No information is available and no adverse reproductive effects are anticipated.

IRRITANCY OF MATERIAL: Skin/Eye irritant

SENSITIZING CAPABILITY OF MATERIAL: Unknown.

CARCINOGENICITY OF MATERIAL: The ingredients of this product are not listed as carcinogens by NTP (National Toxicology Program), not regulated as carcinogens by OSHA (Occupational Safety and Health Administration), and have not been evaluated by IARC (International Agency for Research on Cancer), nor by ACGIH (American Conference of Governmental Industrial Hygienists).

TERATOGENICITY: No information is available and no adverse teratogenic effects are anticipated.

MUTAGENICITY: No information is available and no adverse mutagenic effects are anticipated.

SECTION 12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL: N/A

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Do not puncture or incinerate containers, even when empty. Dispose of in accordance with local, provincial and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT CLASSIFICATION: Consumer Commodity, ORM-D

TDG CLASSIFICATION: Consumer Commodity (AEROSOLS, UN 1950, Class 2.1)

SECTION 15 – REGULATIONS**CANADIAN REGULATIONS:**

WHMIS CLASSIFICATION: A

CNFC SECTION 3.3.5: LEVEL 1

CEPA (CANADIAN ENVIRONMENTAL PROTECTION ACT): All substances in this product are listed on the CANADIAN DOMESTIC SUBSTANCES LIST (DSL) or not required to be listed.

U.S. REGULATIONS:

HMIS RATING HEALTH: 1 SLIGHT HAZARD.

HMIS RATING FLAMMABILITY: 0 MINIMAL HAZARD.

HMIS RATING REACTIVITY: 0 MINIMAL HAZARD.

HMIS RATING PERSONAL PROTECTION: B

NFPA CODE 30B: LEVEL 1

SARA 313 INFORMATION: THIS PRODUCT CONTAINS NO INGREDIENTS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.

CAS #: **CHEMICAL NAME:**
N/A

CALIFORNIA PROPOSITION 65: THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986.

WARNING: THIS PRODUCT DOES NOT INTENTIONALLY CONTAIN ANY CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CAS #: **CHEMICAL NAME:**
N/A

TSCA (TOXIC SUBSTANCES CONTROL ACT): ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.

VOC (W/W%): <15

SECTION 16 – OTHER INFORMATION

THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY CHROMATE INDUSTRIAL CORPORATION (CIC) FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. CIC ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.