

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: LITHIUM GREASE CARTRIDGE DATE PREPARED: JULY 11, 2011

PART NUMBER: 74428 & 74430

PRODUCT TYPE: LUBRICANT CHROMATE INDUSTRIAL CORPORATION

CHEM. FAMILY: PETROLEUM-BASED LUBRICATING GREASE 5250-A Naiman Parkway, Solon, OH 44139 • (888) 567-2206

SECTION 2 - COMPOSITION / DATA ON COMPONENTS

HAZARDOUS COMPONENTS CAS # WT% OSHA PEL ACGIH TLV OTHER LIMITS OF EXPOSURE

LUBRICATING GREASE 74869219 50 - 70 N/A STEL: 10 mg/m³

NONHAZARDOUS BLEND 1314132/1317653 10 - 20 UN UN UN UN

57855773/7620771

6811461

SECTION 3 - HEALTH HAZARDS

NFPA RATINGS (SCALE 0 - 4): HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 1 PPI: B HMIS-RATINGS (SCALE 0 - 4): HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 1 PPI: B

EYES: May cause irritation.

INHALATION: Viscous nature may block breathing passages if inhaled.

INGESTION: May cause diarrhea.

SKIN: Possible rash for persons with persensitivity.

SECTION 4 - FIRST AID MEASURES

EYES: Flush with water until all residual material is gone. If irritation persists, seek medical help.

INHALATION: Clear air passage. If respiratory difficulty continues, seek medical help.

INGESTION: Wash out mouth immediately. Consult physician.

SKIN: Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry-cleaned before reuse.

SECTION 5 - FIRE-FIGHTING MEASURE

EXTINGUISHING MEDIA: Foam, dry powder, Halon[®], carbon dioxide, sand, earth & water mist.

UNSUITABLE EXTINGUISHING MEDIA: Water jet.

PROTECTIVE EQUIPMENT FOR FIRE-FIGHTING: Self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear gloves & protective overalls. **ENVIRONMENTAL PRECAUTIONS:** Do not allow it to enter drains.

SPILLAGE: Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

SECTION 7 - HANDLING AND STORAGE

HANDLING: No special handling precautions necessary. **STORAGE:** Do not store at elevated temperatures.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY PROTECTION: None needed.

HAND PROTECTION: Protective gloves for hypersensitive persons.

EYE PROTECTION: Glasses, if applied to parts in motion.

BODY PROTECTION: Overalls.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Semi-solid Paste COLOR: Beige ODOR: Petroleum pH: Neutral

BOILING RANGE/POINT °F (°C): <600°F (316°C) MELTING POINT °F (°C): 392°F (200°C)

FLASH POINT (COC) °F (°C): >430°F (221°C) AUTOIGNITION TEMPERATURE °F (°C): >500°F (260°C)

EXPLOSIVE PROPERTIES: LEL: 0.9% UEL: 7% EVAPORATION RATE (BUTYL ACETATE): <0.01

PARTITION COEFFICIENT (Log Pow): N/A VAPOR PRESSURE (kPa): <0.01

PERCENT VOLATILES: Nil DENSITY (g/cm³): 0.97 FLAMMABILITY: Not flammable at ambient temperature OAR VALUE: N/A

OXIDIZING PROPERTIES: None WATER SOLUBILITY: Slight, not readily soluble

VAPOR DENSITY: >5

SECTION 10 - STABILITY AND REACTIVITY DATA

STABILITY: Chemically stable under normal conditions. No photoreactive agents.

CONDITIONS TO AVOID: Powerful sources of ignition & extreme temps. **MATERIALS TO AVOID:** Strong inorganic & organic acids, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning generates smoke, airborne soot, hydrocarbons & oxides of carbon, silicone.

Residue mainly comprised of soot & mineral oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not known. IRRITANCY-SKIN: Very mild.

SKIN SENSITIZATION: Not known. SUBACUTE/SUB-CHRONIC TOXICITY: Not known.

GENOTOXICITY: None known. CHRONIC TOXICITY: None known.

CALIFORNIA PROP 65: N/A CARCINOGEN: NTP: NO IARC: NO OSHA: NO

EC CLASSIFICATION (67/548/EEC): No ALLERGENS: None known.

LC-50: >2000mg/kg—extrapolated from component data. LD-50: N/A

SECTION 12 - ECOLOGICAL INFORMATION

POSSIBLE EFFECTS: May generate oil fractions that could act as a marine pollutant, but is unlikely.

BEHAVIOR: Relatively well behaved. Bioaccumulation potential nil. **ENVIRONMENTAL FATE:** Highly unlikely to cause notable contamination.

SECTION 13 - DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL: Do not incinerate. Contact waste disposal company or local authority for advice.

CONTAINER DISPOSAL: Pails without liner—see Product Disposal section above. Pails with plastic liner—pail may only be disposed of via

standard waste disposal services, recycled or reused. Liner-see Product Disposal section above.

SECTION 14 - TRANSPORT INFORMATION

Not classified as hazardous for transport.

DOT: Nonhazardous UN NO.: Nonhazardous

AIR TRANSPORT (ICAO & IATA): Nonhazardous SEA TRANSPORT (IMO & IMDG): Nonhazardous

ROAD & RAIL TRANSPORT (ADR/RID): Nonhazardous

N/A — NOT APPLICABLE N/D — NOT DETERMINED N/E — NONE ESTABLISHED N/R — NOT REGULATED

N/L — NOT LISTED

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SECTION 15 - REGULATORY INFORMATION

EC ANNEX 1 CLASSIFICATION: N/A LABELING INFORMATION: None needed RISK PHRASES: R22—HARMFUL IF SWALLOWED SAFETY PHRASES: N/A, as known OZONE DEPLETING CHEMICALS: N/A TSCA: All components are listed. SARA 311/312: None WHMIS (CANADA): Not controlled. TSCA 12B COMPONENTS: None

40 CFR PART 372 (SARA SECTION 313): N/A **CERCLA:** Nonhazardous

SECTION 16 - OTHER INFORMATION

NEW JERSEY RIGHT TO KNOW: See Section 2

CANADIAN DSL: All components listed.

RCRA HAZARD CLASS: Nonhazardous

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