MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

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FOR CHEMICAL EMERGENCY
Call ChemTrec day/night:
1-800-424-9300

IDENTITY AND COMPANY IDENTIFICATION

PRODUCT NAME: WHITE LITHIUM GREASE
PART NUMBER: 74100
PRODUCT TYPE: Grease
CHEMICAL FAMILY: Isobutane/Lithium Grease/Heptane/Petroleum

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SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater.)	CAS No.	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN Ref. Source**
ISOBUTANE/PROPANE BLEND	75-28-5 74-98-6	No No	800 1000	800 1000	d d
ACETONE	67-64-1	No	1000	750	d
LITHIUM GREASE	7620-77-1	No	N/E	N/E	d
HEPTANE	142-82-5	No	500	500	d
HYDROGENATED LIGHT PETROLEUM DISTILLATE	64742-47-8	No	5 mg/m^3 (mist)	5 mg/m^3 (mist)	d

SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: N/A
Vapor Pressure: PSIG @ 70°F (Aerosols): 60-70 psig
Vapor Density (Air=1): N/E
Solubility in Water: partially
Vapor Pressure Rate (Non-Aerosols)(mm Hg and Temperature): N/A
Evaporation Rate (=1): N/E
Water Reactive: No
Appearance and Odor: White to off-white liquid streaming spray w/ solvent odor.
Specific Gravity (H_2O=1): Concentrate Only = 0.77

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
Flashpoint and Method Used (non-aerosols): N/A
Extinguishing Media: Foam, dry chemical, carbon dioxide.
Special Fire Fighting Procedures: Use water fog to cool containers to prevent rupturing and bursting.
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture. Provide shielding to protect personnel.

NFPA RATING:	**Health: 1**	**Flammability: 3**	**Reactivity: 0**	**Special: N/L**
HMIS RATING:	**Health: 2**	**Flammability: 3**	**Reactivity: 0**	**Personal Protection: B**

SECTION 4 – REACTIVITY HAZARD DATA

STABILITY: Stable.
HAZARDOUS POLYMERIZATION: Will not occur.
Incompatibility (Materials to Avoid): Oxygen & oxidants.
Conditions to Avoid: Open flame, welding arcs, heat sparks.
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide and trace thermal decomposition by products of PTFE.

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

SECTION 5 – HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Eye.

ACUTE EFFECTS:

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

Eye Contact: Irritation.

Skin Contact: Can cause skin defatting.

Ingestion: Possible chemical pneumonitis if aspirated into the lungs.

CHRONIC EFFECTS: (Effects due to excessive exposure to this mixture) Excessive inhalation of solvents may cause brain and other nervous system damage.

Medical Conditions Generally Aggravated by Exposure: Asthma.

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): Not normally needed; however if vapor concentration exceeds TLV, use respirator approved for organic vapors by NIOSH in positive pressure mode.

Protective Gloves: Solvent resistant.

Eye Protection: Safety glasses.

Ventilation Requirements: Normal room ventilation.

Other Protective Clothing & Equipment: None.

Hygienic Work Practices: Wash with soap and water after contact.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken if Material is Spilled or Released: Cover with Absorbent material and sweep up. Wash area to prevent slipping. Incinerate or landfill according to local, state or federal regulations.

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.

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