MATERIAL SAFETY DATA SHEET

Environmental Lubricants Manufacturing, Inc.
311 B. Avenue
Grundy Center, IA 50638

Multipurpose Low-Temperature Multi-Purpose Lithium Grease

UltraLube® Part Numbers: 10373, 10374

HMIS: Health - 1, Fire - 1, Reactivity – 0, Protection - B

Date Issued: **02/12/2007**
Date Revised: **04/29/2011**

Emergency Phone Number: (319) 824-5203

CHEMTREC: (800) 424-9300

I. IDENTIFICATION & PHYSICAL DATA

Product Name: Multipurpose Lithium Winter Grease
Product Class: Formulated Lubricating Grease
Manufacturer's I.D.: LMX Lithium Complex Grease #1
VOC: None
Solubility In Water: Practically Insoluble
Evaporation Rate: Slower Than Butyl Acetate
Appearance and Odor: Red grease with characteristic vegetable oil odor

Percent Volatile by Volume: 0
Boiling Range: ND
Vapor Density: Heavier Than Air
Specific Gravity: 0.92
Vapor Pressure at 20 C: <0.5 mm Hg

II. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS #	OSHA TWA	OSHA STEL	ACGIH STEL	ACGIH TWA
Soybean Oil	8001-22-7	15 mg/m^3	---	---	---
Fatty Acid Lithium Soap	Mixture	---	---	---	---
Additive Mixture**	Confidential	---	---	---	---

** This information is being withheld by suppliers as trade secret
--- Not established

THE PRECISE COMPOSITION OF THIS PRODUCT IS PROPRIETARY INFORMATION. A MORE COMPLETE DISCLOSURE WILL BE PROVIDED TO A PHYSICIAN IN THE EVENT OF A MEDICAL EMERGENCY.

SARA HAZARD: NONE NOTED (SECNON 311/312) TITLE III SECTION 313 - NOT LISTED

All components of this product are listed on the TSCA registry.

III. FIRE & EXPLOSION DATA

Flash Point, Base Oil: >620ºF (Pensky-Martens) **LEL:** No Data

Extinguishing Media:
Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.

Unusual Fire & Explosion Hazards:
Closed containers may rupture (due to buildup of pressure) when exposed to extreme heat.

Special Fire Fighting Procedures:
Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

IV. REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur

Conditions to Avoid: Fire, excessive heat.
Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products:
Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide.

V. HEALTH HAZARD DATA

Effects of Overexposure:

Ingestion: No specific information available.
Contains materials that may be practically nontoxic.

Inhalation: No specific information available.
Heating can generate vapors that could cause headaches, nausea, dizziness, and respiratory irritation if inhaled.

Skin Absorption: No specific information available.
Contains materials that may be practically nontoxic.

Skin Contact: No specific information available.
Contains materials that may cause skin irritation on prolonged or repeated exposure.

Eye Contact: No specific information available.
Contains materials that may cause eye injury, which may persist for several days.

Chronic Effects of Overexposure: No information available.

Emergency & First Aid Procedures:

Eye Contact:
Flush with plenty of water for at least 15 minutes and seek medical attention if irritation persists.

Skin Contact:
Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

Ingestion:
If appreciable quantities are swallowed, seek medical attention.

Inhalation:
In case of over exposure to fumes if product is heated, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

VI. WASTE DISPOSAL

Dispose of waste in accordance with federal, state, and local regulations.

VII. SPECIAL PROTECTION INFORMATION

Respiratory Protection:
Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to vapor from heating product is likely and where ventilation is inadequate.

Ventilation:
Local Exhaust: Recommended when appropriate to control employee exposure.
Mechanical: Not recommended as the sole means of controlling employee exposure.
Protective Gloves: For operations where contact can occur, wear impervious gloves.
Eye Protection: Safety goggles.
Other Protective Equipment: For operations where contact can occur, a safety shower and eye wash facility should be available.

VIII. SPECIAL PRECAUTIONS

Store it in a dry place. Keep container closed.

IX. TOXICOLOGICAL INFORMATION

Acute Toxicity: Relatively harmless [EL50 >1000 mg/L *D. Magna* (base oil)]

X. BIODEGRADABILITY INFORMATION

Components are readily biodegradable by OECD 301C (BOD/ThOD) Test Method.

XI. STATE R-T-K COMPOSITION INFORMATION (and Canada)

Component	**CAS #**	**DSL**	**NDSL**
Soybean Oil	8001-22-7	---	---
Fatty acid Lithium Soap	Mixture	---	---
Additive Mixture**	Confidential	---	---

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--- Not established

XII. SARA Title III, Section 313 Information:
This product does not contain any SARA Title III Section 313 chemicals.

XIII. RCRA Information
Regulated Waste: No

XIV. CERCLA INFORMATION
Under EPA-CERCLA releases to air, land, or water, which exceed the reportable quantity, must be reported to the National Response Center (800-424-8802).

This product contains no materials with reportable quantities.

XV. California Proposition 65 Information:
To the best of our knowledge, this product does not contain any California Proposition 65 designated chemicals.

XVI. Transportation Information
D.O.T. Shipping Name: Not Regulated
D.O.T. Hazard Class: Not Regulated **D.O.T. UN/NA Number**: None

XVII. Other Information
None

To the best knowledge of Environmental Lubricants Manufacturing, Inc., the information contained herein is accurate and reliable as of the date of this material safety data sheet. However no liability whatsoever is assumed for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.