

American Chemical Technologies, Inc.
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EMERGENCY: INFOTRAC 1-800-535-5053 24 HOURS/DAY, 7 DAYS/WEEK
THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (THE HAZARD COMMUNICATION STANDARD)

SECTION I – PRODUCT IDENTIFICATION

Product Name: LUX M #2
Chemical Name: Lubricating Grease
DOT Hazard Classification: Not applicable

SECTION II – COMPONENTS

Chemical Name	CAS#	% Wt.	Carcinogen OSHA or IARC
Lithium 12-Hydroxy Octadecanoate Sebacate Complex	68815-49-6	4-12	No
Mineral Oil	64742-65-0	50-70	No
Mineral Oil	64742-16-1/ 64741-56-6	15-25	No
Zinc Alkyldithiophosphate	68649-42-3	.5-2.0	No
Molybdenum Disulfide	1317-33-5	1-4	No

SECTION III – PHYSICAL DATA

Boiling Point: 700 °F
Melting Point: 500 °F
Vapor Pressure: Not applicable
Specific Gravity: 0.89 @ 16°C
Appearance: Dk. Gray semi-solid petroleum
Vapor Density: Not applicable
Solubility in Water: Nil

SECTION IV – FIRE AND EXPLOSION INFORMATION

Flash Point: 440 °F (D-92 Method)
Extinguishing Media: Dry chemical, CO₂, earth, sand, foam, or water fog.
Fire Fighting Procedures: Use full protective equipment including self-contained breathing apparatus. Closed containers exposed to fire may be cooled with water. Dense smoke. Water may cause frothing.

NFPA Codes: HEALTH –0 FLAMMABILITY –1 REACTIVITY –0

SECTION V – HEALTH HAZARD DATA

Effects of Acute Overexposure: None when used with good personal hygiene practices. May otherwise cause skin and eye irritation upon prolonged or repeated contact

FIRST AID:

Skin: Wash thoroughly with water for 15 minutes. Seek medical attention if irritation persists.

Eyes: Immediately flush with large quantities of water for at least 15 minutes and seek medical attention immediately.

Inhaled: Not applicable

Ingested: **DO NOT** induce vomiting and call a physician immediately.

SECTION VI- REACTIVITY DATA

Hazardous Polymerization: Will not occur

Stability: Stable

Incompatibility: Strong oxidizing agents

SECTION VIII – SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Absorb with sand or inert material. Sweep or scoop up and remove.

Waste Disposal Method: Dispose of in accordance with all applicable federal, state, and local regulations.

SECTION VII- PROTECTIVE EQUIPMENT

Respiratory Protection: None normally required

Protective Gloves: Neoprene, Polyethylene

Eye Protection: Face shield

Other Protective Equipment: None normally required

SECTION IX – SPECIAL PRECAUTIONS

If used in applications where a mist may be generated, observe a TWA/PEL of 5 mg/m³ for mineral oil mist (OSHA and ACGIH).

SECTION X – TOXIC CHEMICALS

This product contains the following chemicals subject to the reporting of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40 CFR 372):

Chemical Name: Zinc Alkyldithiophosphate **CAS#:** 68649-42-3 **% By Wt.:** .5-2 %
DOT Shipping Name: Not regulated

Prepared By: Sharon L. Haiser
Date Prepared: 11/19/02
Revision Date:
Supersedes:

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