

MATERIAL SAFETY DATA SHEET

This MSDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)
This material safety data sheet conforms to the requirements of ANSI Z400.1

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

LM2 – Lux M #2

Manufacturer/Supplier:

American Chemical Technologies, Inc.
485 E. Van Riper Road, Fowlerville, MI 48836
Office: 517-223-0300 Fax: 517-223-1703

Emergency Spill Information:

INFOTRAC 1-800-535-5053
24 HOURS/DAY, 7 DAYS/WEEK

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>Range % by wt.</u>
Mineral Oil	64742-65-0	50% - 70%
Mineral Oil	64742-16-1	15% - 25%
	64741-56-6	
Lithium 12-Hydroxy Octadecanoate Sebacate Complex	68815-49-6	4% - 12%
Molybdenum Disulfide	1317-33-5	1% - 4%
Zinc Alkyldithiophosphate	68649-42-3	0.5% – 2%

SECTION 3 – HAZARDS IDENTIFICATION

Emergency Overview: This product has been evaluated and does not require any hazard warning on the label under OSHA criteria.

Potential Health Effects:

Eye Contact: Prolonged or repeated contact may cause eye irritation.

Skin Contact: Prolonged or repeated contact may cause skin irritation.

Inhalation: No significant health hazards identified.

Ingestion: Do not take internally. Harmful or fatal if swallowed.

HMIS Code: (Health:0) (Flammability:1) (Reactivity:0) (Protection:)

NFPA Code: (Health:0) (Flammability:1) (Reactivity:0)

SECTION 4 – FIRST AID MEASURES

Eye: Immediately flush eyes with water for 15 minutes. If irritation continues consult a physician.

Skin: remove any contaminated clothing and rinse skin thoroughly with water for at least 15 minutes. If skin is burned or if irritation persists, contact a physician.

Inhalation: Avoid prolonged exposure and remove individual to fresh air.

Ingestion: DO NOT induce vomiting. Pulmonary aspiration if swallowed and vomiting occurs. Seek medical attention immediately.

Primary Routes of Entry: Breathing mists by inhalation or ingestion.

SECTION 5 – FIRE FIGHTING MEASURES

Flashpoint: 440 °F **Method:** C.O.C.

UEL: Not determined.

LEL: Not determined.

Autoignition Temperature: Not determined.

Flammability Classification: Not Flammable.

Extinguishing Media: Agents approved for Class B (e.g., dry chemical, carbon dioxide, foam, steam) or water fog.

Unusual Fire and Explosion Hazards: Keep away from extreme heat or open flames.

Fire Fighting Equipment: Fire fighters should wear an approved self-contained breathing apparatus. As with petroleum oils, maintain oil from spreading.

Hazardous Combustion Products: Incomplete combustion results in oxides of carbon.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

SECTION 7 – HANDLING AND STORAGE

Handling: No special requirements if handled with reasonable care.

Storage: Do not store in high temperature areas or where subject to open flames. Store inside away from extreme temperatures. Empty drums may contain product residues. All safety precautions taken when handling this product should also be taken when handling empty drums.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye: Chemical safety goggles and, if handled hot, full face shield.

Skin: Wear impermeable gloves if prolonged or repeated contact is likely.

Inhalation: Use NIOSH/MSHA approved equipment when TLV limits are exceeded.

Engineering Controls: Control airborne concentrations below the exposure guidelines.

Other Protective Equipment: Standard work clothes, shoes, apron, etc.

SECTION 9 – CHEMICAL AND PHYSICAL PROPERTIES

Appearance and Odor	: Dark gray semi-solid with petroleum odor
pH	: Not applicable
Vapor Pressure	: Not applicable
Vapor Density	: Not applicable
Boiling Point	: 700 °F
Melting Point	: 500 °F
Solubility in water	: Nil
Specific Gravity	: 0.89 @ 16 °C
Evaporation Rate	: Not determined
Percent Volatiles	: Not determined

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Extreme heat.

Materials to Avoid: Avoid chlorine, fluorine, and other strong oxidizers.

Hazardous Decomposition: None identified.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicological testing has not been conducted on this product.

SECTION 12 – ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

SECTION 13 – DISPOSAL INFORMATION

Disposal must be in accordance with applicable federal, state, or local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

U.S. Dept. of Transportation

Shipping Name: not regulated

Hazard Class:

Identification number:

SECTION 15 – REGULATORY INFORMATION

All components of this product are on the U.S. TSCA inventory.

Superfund Amendments and Reauthorization Act of 1986 Title 111(Emergency Planning and Community Rights to Know Act) section 313: To the best of our Knowledge this product does not contain chemicals at levels which require reporting under this statute.

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:	CAS#: %	By Wt.:
Zinc Alkyldithiophosphate	68649-42-3	0.5-2 %

Sections 311 and 312

Delayed(Chronic) Health Hazard :	NO
Fire Hazard :	NO
Immediate(Acute) Health Hazard :	NO
Reactive Hazard :	Check Section 10.
Sudden Release of Pressure Hazard :	NO

SECTION 16 – SPECIAL PRECAUTIONS

Keep containers closed until ready for use. Keep out of the reach of children! Store away from open flames and strong oxidizers

Prepared By: Mark D. Latunski**Date Revised:** 03/07/2011**Supersedes:** 07/23/2008**Date Prepared:** 11/19/2002

The information provided herein is believed to be accurate to the best of the company's knowledge as of the date of its issue. We do not warrant or guarantee the information provided and will not be held liable for any loss or damage from its use.