



## MATERIAL SAFETY DATA SHEET

350 RING ROAD ELIZABETHTOWN, KY 42701 (270) 769-5557 (270) 769-6418

### WHITE LITHIM GREASE PART NO. 49595

#### SECTION I – IDENTITY INFORMATION

Product Name : White Lithium  
Product Use : Lubricating Grease

#### SECTION II – HAZARDOUS INGREDIENTS INFORMATION

<u>CHEMICAL IDENTITY</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>	<u>WGT%</u>
Petroleum Distillates	64742-54-7 64742-65-0	10mg/m <sup>3</sup>	5mg/m <sup>3</sup>	N/A	70-100
Zinc Oxide	1314-13-2 as dust	15mg/m <sup>3</sup> as dust	10mg/m <sup>3</sup>	N/A	1-5

#### SECTION III – PHYSICAL DATA

Boiling Point : N/A  
Vapor Pressure (mm Hg) : Less than 0.01 mm Hg @ 20°C  
Vapor Density (air=1) : Greater than 5  
Solubility in Water: : Negligible, less than 0.1%  
Appearance and Odor : White/mild, bland petroleum odor  
Specific Gravity : .89 @ 60°F  
Melting Point : Not determined  
Evaporation Rate (Butyl Acetate=1) : Less than 0.01

#### SECTION IV – FIRE AND EXPLOSION DATA

Flashpoint and Method of Determination : 475°F COC, Lowest Oil  
Lower Explosion Limit (% by Vol) : 0.9  
Upper Explosion Limit (% By Vol) : 7.0  
Means of Extinction : Use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures. Minimize breathing gasses, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces, or as otherwise needed.

For Fire : Self-contained breathing equipment and chemical resistant clothing recommended.  
Explosion Data : Pressure will increase in over heated, closed containers.

## SECTION VI - REACTIVITY DATA

Chemical Stability : Stable and will not react violently with water.  
Conditions of Reactivity : Not determined.  
Incompatible Materials : Strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.  
Hazardous Polymerization : Will not occur.  
Polymerization Avoid : Not applicable.

## SECTION VI – HEALTH HAZARD DATA

### ROUTES OF ENTRY:

Skin Contact : Yes  
Skin Absorption : No  
Eye : Yes  
Inhalation : Not likely under normal use.  
Ingestion : Not likely under normal use.  
Acute Over Exposure Effects : None recognized.  
Chronic Over Exposure Effects : Prolonged or repeated skin contact may cause skin irritation.

### CARCINOGENICITY:

NTP : Not listed.  
IARC Monographs : Not listed.  
OSHA Regulated : Not listed.  
Symptoms of Exposure : Irritated eyes and skin.  
Sensitization to Material : Not determined.

### SPECIFIC FIRST AID PROCEDURES:

Eye Contact : If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If the irritation persists, call a physician.  
Skin Contact : In case of contact, remove any contaminated clothing and wash the skin thoroughly with soap and water.  
Inhalation : The vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a Physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen, if available. If overcome by oil mist, remove from further exposure until excessive oil mist condition subsides.  
Ingestion : If ingested, DO NOT induce vomiting; call a physician immediately.

## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Leak and Spill Procedures	: Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable governmental regulations.
Waste Disposal	: Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.
Handling Procedures and Equipment	: Do not store or mix with strong oxidizers. Keep out of eyes.
Storage Requirements	: Do not store sealed container near extreme heat. Do not reuse container.
Precautionary Measures	: Always wash hands well before touching face or eating.

## SECTION VIII – CONTROL MEASURES

Respiratory Protection	: Not normally required.
Local Exhaust	: Not required.
Mechanical Exhaust	: Not required.
Special Ventilation	: Not required.
Other Ventilation	: Not required.
Protective Gloves	: Use chemical-resistant gloves, If needed, to avoid prolonged or repeated skin contact.
Eye Protection	: Use splash goggles or face shield when eye contact may occur.
Other Protective Equipment	: Use chemical-resistant apron or other impervious clothing. If needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

## SECTION IX – HAZARD COMMUNICATION CODES

### NFPA RATING:

Health	: 0
Flammability	: 1
Reactivity	: 0
Special	: -

### HMIS RATING:

Health	: 0
Flammability	: 1
Reactivity	: 0
Personal Protection	: B

## SECTION X – REGULATORY INFORMATION

DOT Hazard Class	: Non-Regulated
DOT Identification Number	: N/A
SARA TITLE 313 Toxic Chemicals	: None
WHIMS	: Not Regulated by WHIMS

The Information Contained Herein is Based on Data Considered Accurate. However, No Warranty is Expressed or Implied Regarding the Accuracy of the Data or the Results to be obtained from the use Thereof. Because the Information Contained herein may be applied Under Conditions beyond Our Control, We Assume No Responsibility for Its Use.

**Rev. 2/18/00**