



MATERIAL SAFETY DATA SHEET

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

WHEEL BEARING GREASE PART NO. 54016

SECTION I – IDENTITY INFORMATION

Product Identifier : Lithium Complex EP 2 Grease
Product Use : Lubricating Grease

SECTION II – HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>	<u>WT %</u>
Petroleum Distillates	64742-52-5 64741-88-4	5mg/m ³	5mg/m ³	N/A	50-70
Residual Oils	64742-57-0 64742-62-7	5mg/m ³	5mg/m ³	N/A	10-30

SECTION III – PHYSICAL/CHEMICAL PROPERTIES

Boiling Point : Not determined
Vapor Pressure (mm Hg) : Less than 0.01 mm Hg @20⁰C
Vapor Density (air=1) : Greater than 5
Solubility in Water : Negligible; less than 0.1%
Appearance and Odor : Red/mil, bland petroleum odor
Specific Gravity (H₂O=1) : 0.90 @60⁰F
Melting Point : Not determined
Evaporation Rate (butyl acetate=1) : Negligible
pH (neat) : N/A

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used) : >300⁰F (COC) lowest oil
Lower Explosion Limit (% by vol) : Not determined
Upper Explosion Limit (% by vol) : Not determined
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 : Not determined.

SECTION IV – REACTIVITY DATA

Chemical Stability : This product is 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 Decomposition Products : Not determined
Hazardous Polymerization : Will not occur.
Polymerization Avoid : N/A

SECTION V – HEALTH HAZARD DATA

ROUTE (S) OF ENTRY:

Skin Contact : Yes
Skin Absorption : No
Eye : Yes
Inhalation : Not likely under normal usage.
Ingestion : Not likely under normal usage.
Acute Over Exposure Effects : May cause reversible eye and skin irritation.
Chronic Over Exposure Effects : Prolonged or repeated skin contact may cause skin irritation.

CARCINOGENICITY: Non Carcinogenic

NTP : Not listed.
IARC Monographs : Not listed.
OSHA Regulated : Not listed.
Symptoms of Exposure : Health studies have shown that many petroleum and synthetic lubricants pose potential human health risks which vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.
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 not product immediately remove from exposure and call a physician. If breathing is irregular or has stopped start resuscitation; administer oxygen, if avail-

Ingestion : able. If overcome by oil mist, remove from further exposure until excessive oil mist condition subsides.
: If ingested, DO NOT induce vomiting; call a physician immediately.

SECTION VI – 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 regulation.

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 of eating.

SECTION VII – CONTROL MEASURES

Respiratory Protection : Not normally required if adequate ventilation.

Local Exhaust : Use local exhaust to capture vapor, mists or fumes, if needed.

Mechanical Exhaust : Not required.

Special Ventilation : Not applicable.

Other Ventilation : Not applicable.

Protective Gloves : Use oil-resistant gloves (neoprene or plastic), if needed, to avoid prolonged or repeated skin contact.

SECTION VIII – REGULATORY INFORMATION

SARA TITLE III:
Section 302 (Extremely Hazardous Substances) : None
Section 311/312 (Hazard Categories) : Not applicable
Section 313 (Toxic Chemicals) : Contains less than 1% total zinc compounds

WHIMS : Not a controlled product. Chemical components listed on the DSL inventory.

SECTION IX – HAZARD COMMUNICATION CODES

HMIS RATINGS:

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

NFPA RATINGS:

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

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.

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