

Safety Data Sheet



Zep, Inc.
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1-877-I-BUY-ZEP (428-9937)
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Section 1. Chemical Product and Company Identification

Product name RED LITHIUM GREASE
Product use Lubricating Grease.
Product code 1450
Date of issue 11/03/09 **Supersedes** 09/09/02

Emergency Telephone Numbers

For SDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By
Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

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Section 2. Hazards Identification

Emergency overview

CAUTION

MAY CAUSE EYE AND SKIN IRRITATION.

NOTE: SDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



Acute Effects

Routes of Entry

Not applicable

Eyes May cause slight transient irritation.
Skin No known acute effects of this product resulting from skin contact. Prolonged or repeated contact may dry skin and cause irritation.
Inhalation Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.
Ingestion May be harmful if swallowed. Ingestion may cause gastrointestinal irritation and diarrhea.

Chronic effects

Prolonged skin contact may cause dermatitis with drying and cracking of skin.

Carcinogenicity

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
None.						

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
Mineral Oil; Paraffinic process oil	64742-65-0	80 - 90

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin Contact Wash affected area with soap or mild detergent and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. If potentially dangerous quantities of this material have been swallowed, call a physician immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	Open cup: 221.11°C (430°F) [D-92]
Flammable Limits	Not applicable.
Flammability	Combustible material - Slight hazard
Fire hazard	No specific hazard.
Fire-Fighting Procedures	Use dry chemical, CO ₂ , water spray (fog) or foam. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental Release Measures

Spill Clean up	Stop leak if without risk. Hazard of slipping on spilled product. For large spills, dike spilled material or otherwise contain it to ensure runoff does not reach a waterway. Absorb with an inert material and place in an appropriate waste disposal container.
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Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes. Wash thoroughly after handling. Do not reuse container. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
Storage	Store in accordance with local regulations. Keep container tightly closed and sealed until ready for use. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

Mineral Oil; Paraffinic process oil

Exposure limits**ACGIH TLV (United States).**TWA: 5 mg/m³ 8 hour(s). Form: Mist**OSHA PEL (United States).**TWA: 5 mg/m³ 8 hour(s). Form: Mist**Personal Protective Equipment (PPE)**

Eyes	Safety glasses with side-shields
Body	For prolonged or repeated handling, use the following type of gloves: Neoprene or Nitrile
Respiratory	No respiratory protection needed under normal use conditions. Use with adequate ventilation.

Section 9. Physical and Chemical Properties

Physical State	Solid. [Semi-Solid.]	Color	Red.
pH	Not applicable	Odor	Bland.
Boiling Point	Not available.	Vapor Pressure	Not determined.
Specific Gravity	0.89	Vapor Density	Not available.
Solubility	Practically Insoluble	Evaporation Rate	Not determined.
		VOC (Consumer)	0%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Slightly reactive to reactive with oxidizing agents
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information**Acute Toxicity**

Not available.

Section 12. Ecological Information**Environmental Effects**

No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-hazardous waste**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not regulated.	None.	Not applicable	-	

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

Product name

Zinc compounds.

Clean Water Act (CWA) 307: Zinc compounds**Clean Water Act (CWA) 311:** No products were found.**Clean Air Act (CAA) 112 regulated toxic substances:** No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations**California Prop 65**

No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever 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 hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.