

# MATERIAL SAFETY DATA SHEET

## Section 1: Product & Company Identification

**Product Name:** Lithium General Purpose Grease

**Product Number (s):** SL3310-SL3317, 8SL3310

Manufactured By: CRC Industries, Inc. (215) 674-4300  
885 Louis Drive, Warminster, PA 18974  
24-Hour Emergency Information: CHEMTREC (800) 424-9300

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## Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Petroleum Distillate	64742-52-5	NE	NE	NE	70-100
Lithium 12-hydroxystearate	7620-77-1	NE	NE	NE	<5

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## Section 3: Hazards Identification

### Emergency Overview

Appearance & Odor: Amber, semi-solid to solid material with a faint petroleum odor.

### Potential Health Effects:

Inhalation: Exposure to vapors generated at high temperatures may cause respiratory irritation, nausea and headaches.  
Eyes: Irritation  
Skin: Irritation and drying  
Ingestion: Can cause stomach ache and vomiting; aspiration hazard

Carcinogenicity: OSHA: No IARC: No NTP: No

Chronic Overexposure: Unknown  
Medical Conditions Aggravated by Exposure: Pre-existing skin and pre-respiratory conditions.

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## Section 4: First Aid Measures

Inhalation: Remove to fresh air. Give artificial respiration if necessary.  
Eyes: Flush with large amounts of water for 15 minutes.  
Skin: Remove contaminated clothing and wash area with soap and water.  
Ingestion: Call a physician. Do not induce vomiting.

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**Section 5: Fire-Fighting Measures**

Flashpoint: >400°F Method: COC LEL: ND UEL: ND  
Extinguishing Media: CO<sub>2</sub>, dry chemical, sand and foam  
Hazardous Combustion Products: CO<sub>2</sub> and carbon monoxide  
Fire-fighting Instructions: Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting.

NFPA: Health: 1 Flammability: 1 Reactivity: 0  
HMIS: Health: 1 Flammability: 1 Reactivity: 0 PPE: B

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**Section 6: Accidental Release Measures**

Spill/Leak Procedures: Area should be ventilated. Minimize skin contact. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

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**Section 7: Handling and Storage**

Handling Procedures: Use with proper ventilation; avoid breathing vapors. Do not reuse container. Keep lid closed when not in use.

Storage Procedures: Store in a cool, dry area. Store away from acids and oxidizers. Keep away from open flame. Keep out of reach of children.

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**Section 8: Exposure Controls/Personal Protection**

Engineering Controls: Provide local exhaust adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134.

Protective Clothing/Equipment: Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

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**Section 9: Physical & Chemical Properties**

Physical State:	Semi-solid	Appearance & Odor:	Amber grease with a petroleum odor
Specific Gravity:	0.90 @ 60°F	Boiling Point:	ND
Freezing Point:	ND	Vapor Pressure:	<0.01 mmHg @ 68°F
Evaporation Rate:	<0.01	Vapor Density (air = 1)	> 5
pH:	NA	Solubility:	Insoluble in water
Volatile Organic Compounds %:	ND	g/L: ND	lbs./gal: ND

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Section 10: Stability and Reactivity

Stability: Stable Hazardous Polymerization: No  
Chemical Incompatibilities: Strong oxidizers, acids  
Conditions to Avoid: Unknown  
Hazardous Decomposition Products: Oxides of carbon

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Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

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Section 12: Ecological Information

Ecotoxicity: No data available.  
Environmental Fate: No data available for biodegradation.

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Section 13: Disposal Considerations

Disposal: This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

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Section 14: Transportation Information

Shipping Name: Not Regulated  
Hazard Class: NA UN Number: NA Packing Group: NA  
Label: NA Placard: NA  
Special Provisions: NA

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Section 15: Regulatory Information

TSCA: All components are either listed under TSCA or are exempt.  
SARA Title III: Section 311/312: NA  
Section 313\*: None  
CERCLA/Superfund (RQ): NA  
Extremely Hazardous Substances: No  
California Prop 65: No

\* See section 2 for percentage

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Section 16: Additional Information

Prepared By: Michelle Milburn Date: December 17, 2003  
Technical Information: (800) 521-3168 CRC #: NA

This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
LEL:	Lower Explosive Limit	g/L:	grams per Liter
UEL:	Upper Explosive Limit	lbs./gal:	pounds per gallon
PPE:	Personal Protection Equipment	RQ:	Reportable Quantity
COC:	Cleveland Closed Cup		