

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Disc Brake Hi Temp Wheel Bearing Grease

Product Number (s): SL3160-SL3169, 8SL3160

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

Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Petroleum Distillate	64742-52-5	NE	NE	NE	50-70
Residual Oils Mixture	64742-62-7 & 64742-65-0	NE	NE	NE	10-30
Aluminum complex thickener	Proprietary	NE	NE	NE	5 -10
Antimony dialkyldithiocarbamate	Proprietary	0.5 mg/m3	0.5 mg/m3	NE	1 - 2
Natural graphite	7782-42-5	2.0 mg/m3	2.5 mg/m3	NE	0.5-1.5
Naphthalenesulfonic acid, Dinonyl-, calcium salt	57855-77-3	NE	NE	NE	0.5-1.5

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Black, semi-solid to solid grease with a faint petroleum odor

Potential Health Effects:

Inhalation: Hazard unlikely due to low volatility of this product. If product is heated, this may generate vapors that may cause respiratory irritation.
Eyes: Mild irritation
Skin: Repeated contact with skin may lead to drying of the skin.
Ingestion: May cause stomach irritation or vomiting.

Carcinogenicity: OSHA: No IARC: No NTP: No
Chronic Overexposure: Unknown
Medical Conditions Aggravated by Exposure: Pre-existing skin conditions.

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.

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Ingestion: Call a physician. Do not induce vomiting.

Section 5: Fire-Fighting Measures

Flashpoint: 450°F Method: TCC LEL: ND UEL: ND
Extinguishing Media: CO₂, dry chemical and foam
Hazardous Combustion Products: CO₂ 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

Section 6: Accidental Release Measures

Spill/Leak Procedures: Area should be ventilated. 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.

Section 7: Handling and Storage

Handling Procedures: Keep away from heat, sparks and open flame. Containers should be kept closed when not in use.

Storage Procedures: Store in a cool, dry area. Keep out of reach of children.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide local ventilation 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.

Section 9: Physical & Chemical Properties

Physical State:	Grease	Appearance & Odor:	Black, semi-solid to solid grease with a faint petroleum odor
Specific Gravity:	0.90 @ 60°F	Boiling Point:	> 450 °F
Freezing Point:	ND	Vapor Pressure:	< 0.01 mmHg @ 20C
Evaporation Rate:	< 0.01 (BuAc = 1)	Vapor Density (air = 1)	> 5
pH:	NA	Solubility:	Neg.
Volatile Organic Compounds %:	1.5	g/L: 14	lbs./gal: 0.12

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Section 10: Stability and Reactivity

Stability: Stable Hazardous Polymerization: No
Chemical Incompatibilities: Strong oxidizers.
Materials to Avoid: Strong oxidizing agents
Hazardous Decomposition Products: None

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.

Section 12: Ecological Information

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

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.

Section 14: Transportation Information

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

Section 15: Regulatory Information

TSCA: All components are either listed under TSCA or are exempt.
SARA Title III: Section 311/312: None
Section 313: Antimony compounds (NO10) 1 – 2%
CERCLA/Superfund (RQ): NA
Extremely Hazardous Substances: No
California Prop 65: No

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Section 16: Additional Information

Prepared By: Michelle Milburn Date: March 4, 2005

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

ppm: Parts per Million

TCC: Tag Closed Cup

LEL: Lower Explosive Limit

UEL: Upper Explosive Limit

PPE: Personal Protection Equipment

COC: Cleveland Closed Cup

NA: Not Applicable

ND: Not Determined

NE: Not Established

g/L: grams per Liter

lbs./gal: pounds per gallon

RQ: Reportable Quantity