
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

BD-L2**MSDS ID: 00200**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BD-L2
PRODUCT DESCRIPTOR: LITHIUM BASED GREASE
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
LITHIUM STEARATE (7620-77-1)	1-5	NONE ESTABLISHED	
LITHIUM AZELATE (3800-29-7)	1-5	NONE ESTABLISHED	
PETROLEUM DESTILLATE (64742-62-7)	15	TLV 5, PEL 5 (OIL MIST)	MG/M3
PETROLEUM HYDROCARBON #64742-52-5	55	TLV 5, PEL 5 (OIL MIST)	MG/M3
PROPRIETARY ORGANO ZINC COMPLEX	1-5	NONE	

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: NO
SKIN: NO
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: DEFATS SKIN; MAY IRRITATE EYES.
CHRONIC: SAME AS ACUTE
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Sensitive skin

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER. GET MEDICAL ATTENTION.
SKIN: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE
CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.
INGESTION: GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

FLASH POINT: NONE	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: NONE	UEL: NONE
UNUSUAL FIRE OR EXPLOSION HAZARDS:		NONE KNOWN	
EXTINGUISHING MEDIA:		CO2, DRY CHEMICALS	
FIRE FIGHTING INSTRUCTIONS:		WEAR PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS IN FIRE AREA.	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: WIPE UP AND COLLECT BULK GREASE. PLACE INTO METAL CONTAINER FOR SOLID WASTE DISPOSAL. CLEAN SPILL AREA WITH DETERGENT OR SOLVENTIZED CLEANER.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE CONTAINERS CLOSED IN A CLEAN, DRY AREA. KEEP AWAY FROM HEAT, OPEN FLAME, AND OXIDIZING AGENTS. DO NOT PRESSURIZE CONTAINER TO EMPTY.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: SAFETY GLASSES
PROTECTIVE GLOVES: NONE
RESPIRATORY PROTECTION: NONE
OTHER PROTECTIVE CLOTHING/EQUIPMENT: CLOTHING TO PREVENT PROLONGED SKIN CONTACT.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILIING POINT (F): NONE SPECIFIC GRAVITY: 0.9400
VOLATILE BY VOLUME: 0 SOLUBILITY IN WATER: 0
VAPOR PRESSURE (MMHG): N/A AT
APPEARANCE AND ODOR: AMBER HOMOGENOUS GREASE;MILD ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: STRONG OXIDIZERS.
HAZARDOUS DECOMPOSITION PRODUCTS: CO AND TOXIC ZINC FUMES WITH INCOMPLETE COMBUSTION
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER DISPOSE TO SOLID WASTE REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL WASTE INSOLUBLE; CAN BE BURNED.

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XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:

PRODUCT CONTAINS ORGANO ZINC COMPLEX PROVIDING 0.3% ZINC BASED IN THE WEIGHT OF THE GREASE. ZINC IS A SARA 313 REPORTABLE CHEMICAL.

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 1 FIRE: 1 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: B

STATE RIGHT-TO-KNOW INFORMATION:

TRADE SECRET - PENNSYLVANIA PETROLEUM GREASE, NOI

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.