



Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	MULTI-LUBE LITHIUM EP GREASE
National Stock Number	9150L400678F
CAGE Code	72527
Part Number Indicator	A
MSDS Number	184645
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	VALVOLINE
P.O. Box	14000
City	LEXINGTON
State	KY
Country	US
Zip Code	40512
Emergency Phone	800-274-5263
Information Phone	606-264-7000

MSDS Preparer's Information

Date MSDS Prepared/Revised	06JUL90
Date of Technical Review	06OCT92
Active Indicator	N

Alternate Vendors

Vendor #5 CAGE	BLCQS
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SECTION III - Physical/Chemical Characteristics

Hazard Storage Compatibility Code	NK
Appearance/Odor	LIGHT AMBER COLOR, SEMI-SOLID PASTE
Boiling Point	>600F, >316C
Melting Point	N/K
Vapor Pressure	N/A
Vapor Density	N/K
Specific Gravity	0.942
Decomposition Temperature	N/K
Evaporation Rate	NOT APPLICABLE
Solubility in Water	N/K
Percent Volatiles by Volume	N/A
Chemical pH	N/K
Corrosion Rate	N/K
Container Pressure Code	4
Temperature Code	8
Product State Code	U

SECTION IV - Fire and Explosion Hazard Data

Flash Point	356
Flash Point Method	COC
Lower Explosion Limit	N/K
Upper Explosion Limit	N/K
Extinguishing Media	REGULAR FOAM, CARBON DIOXIDE OR DRY CHEMICAL
Special Fire Fighting Procedures	USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP (FP N). WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT & POSS ENDANGER LIFE OF FIREFIGHTER, (SUPP DATA)
Unusual Fire/Explosion Hazards	NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	NONE SPECIFIED BY MANUFACTURER
Materials to Avoid	AVOID CONTACT WITH STRONG OXIDIZING AGENTS
Hazardous Decomposition Products	MAY FORM TOXIC MATERIALS: CARBON DIOXIDE & CARBON MONOXIDE, VARIOUS HYDROCARBONS, LITHIUM COMPOUNDS, ETC
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	NOT RELEVANT
LD50 - LD50 Mixture	NONE SPECIFIED BY MANUFACTURER

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	NO
Health Hazards - Acute and Chronic	ACUTE: SKIN: MAY CAUSE IRRITATION. INHAL: NONE CURRENTLY KNOWN. EYES: MAY CAUSE IRRITATION. INGEST: MAY CAUSE GI IRRITATION, NAUSEA, VOMITING & DIARRHEA. CHRONIC: NONE SPECIFIED BY MANUFACTURER
Carcinogenicity: NTP	NO
Carcinogenicity: IARC	NO
Carcinogenicity: OSHA	NO
Explanation of Carcinogenicity	NOT RELEVANT
Symptoms of Overexposure	SEE HEALTH HAZARDS
Medical Cond. Aggravated by Exposure	NONE SPECIFIED BY MANUFACTURER
Emergency/First Aid Procedures	SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER & LOWER LIDS OCCASNLY. GET MD. INGEST: DO NOT INDUCE VOMITING, KEEP PERSON WARM & QUIET. CALL MD. INHAL: REMOVE INDIVIDUAL TO FRESH AIR

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	SMALL SPILL: SWEEP UP MATERIAL FOR DISPOSAL OR RECOVERY. LARGE SPILL: SHOVEL MATERIAL INTO CONTAINERS. THOROUGHLY SWEEP AREA OF SPILL TO CLEAN UP ANY RESIDUAL MATERIAL
Neutralizing Agent	NONE SPECIFIED BY MANUFACTURER
Waste Disposal Method	SMALL SPILL: DEPOSIT IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. LARGE SPILL: DEPOSIT IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS
Handling and Storage Precautions	ID CONT W/EYES & PRLNG/RPTD CONT W/SKIN. DO NOT TRANSFER TO UNLABELED CNTNR. USE/STORE ONLY W/ADEQ VENT. FOR INDUSTRIAL USE ONLY. CO
Other Precautions	CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, &/OR SOLID), ALL HAZARD PRECAUTIONS MUST BE OBSERVED

SECTION VIII - Control Measures

Respiratory Protection	NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N)
Ventilation	NOT REQUIRED UNDER NORMAL CONDITIONS OF USE
Protective Gloves	NEOPRENE GLOVES
Eye Protection	CHEMICAL WORKERS GOGGLES (FP N)
Other Protective Equipment	NORMAL WORK CLOTHING COVERING ARMS AND LEGS
Work Hygienic Practices	WASH THOROUGHLY WITH SOAP AND WATER
Supplemental Health/Safety Data	FIRE FIGHT PROC: ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID
Disposal Code	O

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	UNKNOWN
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

SECTION X - Transportation Data

Container Quantity	14.1
Unit of Measure	OZN

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	0
Volatile Organic Compounds (G/L)	0

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	(ZNCPD) ZINC DIAMYLDTITHIOCARBAMATE; (ZINC DIPENTYLDITHIOCARBAMATE)
CAS Number	15337185
NIOSH Number	1003294ZD
Proprietary	NO
Percent	1-5
OSHA PEL	NOT APPLICABLE
ACGIH TLV	NOT APPLICABLE
Recommended Limit	N/K
