



MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

PRODUCT NAME LUBRIKO M32 GREASE

MASTER LUBRICANTS COMPANY

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NFPA HAZARD RATING

DATE PREPARED 02/03

HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0

CODES: 0-LEAST 1-SLIGHT 2-MODERATE 3-HIGH 4-EXTREME

II. INGREDIENTS

COMPONENT NAME	CAS NUMBER	OSHA PEL	ACGIH TLV	PERCENTAGE
SODIUM STEARATE	822-16-2			24-26
CALCIUM STEARATE	1592-23-0			1
MINERAL OIL	64742-65-0	5mg/m ³		20-25
MINERAL OIL	64742-41-2	5mg/m ³		50-53
DIPHENYL AMINE	122-39-4			<.5

THIS PRODUCT IS CONSIDERED NON-HAZARDOUS AND HAS NO SHIPPING RESTRICTIONS.

III. PHYSICAL PROPERTIES

BOILING POINT	475°F.	SPECIFIC GRAVITY (H ₂ O = 1)	@16°C.	0.85
VAPOR PRESSURE (mm Hg.)	NA	MELTING POINT		350°F.
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE		NA
SOLUBILITY IN WATER	SOLUBLE	APPEARANCE AND ODOR	AMBER PASTE - BLAND ODOR	

IV. FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED)	500°F. D-92	FLAMMABLE LIMITS	NA	LEL	UEL
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EXTINGUISHING MEDIA CO₂, DRY CHEMICAL, FOAM, EARTH OR SAND

SPECIAL FIRE FIGHTING PROCEDURES WATER MAY CAUSE FROTHING

UNUSUAL FIRE AND EXPLOSION HAZARDS NONE

V. REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	x	
INCOMPATIBILITY (MATERIALS TO AVOID)		STRONG OXIDIZERS	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS		CO & CO ₂ IF INCOMPLETE COMBUSTION	
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	x	OPEN FLAMES

VI. HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY	SKIN CONTACT		
SYMPTOMS OF EXPOSURE	MAY CAUSE MILD(TRANSIENT) SKIN OR EYE IRRITATION UPON PROLONGED OR REPEATED CONTACT.		
CARCINOGENICITY:	NTP?	NO	IARC MONOGRAPHS?
			NO
			OSHA REGULATED?
			NO

EMERGENCY AND FIRST AID PROCEDURES

INGESTION:	DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.
DERMAL:	WASH WITH SOAP AND WATER. REMOVE AND LAUNDER SOILED CLOTHING.
EYE CONTACT:	FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.
INHALATION:	NA

VII. HANDLING AND USE DATA

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	ABSORB WITH SAND OR INERT MATERIAL. SWEEP OR SCOOP UP AND REMOVE.
WASTE DISPOSAL METHOD	CONSULT FEDERAL, STATE, OR LOCAL AUTHORITIES FOR PROPER DISPOSAL PROCEDURES
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	WASH THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES OR ON CLOTHING.
KEEP CONTAINERS CLOSED AND AWAY FROM SPARKS, OPEN FLAMES AND DIRECT SUNLIGHT.	
OTHER PRECAUTIONS	NONE.

VIII. CONTROL MEASURES

RESPIRATORY PROTECTION (USE ONLY NIOSH/MESA APPROVED EQUIPMENT)			
VENTILATION	LOCAL EXHAUST	SPECIAL	
	MECHANICAL (GENERAL)	OTHER USE WITH ADEQUATE VENTILATION	
PROTECTIVE GLOVES	BUTYL RUBBER, NATURAL RUBBER, NEOPRENE, POLYETHYLENE	EYE PROTECTION	FACE SHIELD
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	NONE NORMALLY REQUIRED		
WORK/HYGIENIC PRACTICES	FOLLOW NORMAL GOOD HOUSEKEEPING PROCEDURES.		
NA - NOT APPLICABLE			