

# MATERIAL SAFETY DATA SHEET

LUBECON SYSTEMS, INC. --

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DUNS NUMBER: 08-5898468

EMERGENCY PHONE

PRODUCT NAME: LUBECON DROP 'L DO LUBRICANT  
CHEMICAL FAMILY: LARGELY PETROLEUM HYDROCARBON  
FORMULA: CHAIN LUBRICANT

HMIS RATING:

HEALTH: 2

FLAMMABILITY: 2

REACTIVITY: 1

PERSONAL PROTECTION: B

## 1. INGREDIENTS:

	CAS. NO.	%V
MINERAL OILS OR LIKE MINERAL OILS	8042-47-5	83.5%
	64742-48-9	
FATTY ESTERS	103-24-2	
	61788-61-2	7.5%
MoS <sub>2</sub> , COLLOIDAL	1317-33-5	5.0%
COMPLEX OXIDATION INHIBITORS	128-37-0	
	9036-19-5	4%

THIS PRODUCT IS NOT CLASSIFIED AS A "HAZARDOUS MATERIAL" IN NORMAL USE AS DEFINED BY U.S. GOV'T DEPT. OF LABOR REG. 29 CFR PARTS 1501, 1502, 1503

## 2. PHYSICAL DATA:

BOILING POINT: 340° F (BROAD RANGE IBP)

VAPOR PRESSURE: <10 mm Hg @20° C

VAPOR DENSITY: (AIR = 1) >4

SOLUBILITY: NEGLIGIBLE

SPECIFIC GRAVITY: (H<sub>2</sub>O =1) .82

APPEARANCE: BLACK FLUID

ODOR: SLIGHT PAINT

## 3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 109° F

METHOD USED: TCC

FLAMMABLE LIMITS

LFL: 0.9

UFL: 7.0

EXTINGUISHING MEDIA: FOAM, WATER, FOG, DRY CHEMICAL, CO<sub>2</sub>

FIRE AND EXPLOSION HAZARDS: USED CONTAINERS CONSIDERED "EMPTY" MAY CONTAIN SUFFICIENT RESIDUE TO BE HAZARDOUS IF EXPOSED TO FLAME, SUCH AS A CUTTING TORCH.

FIRE-FIGHTING EQUIPMENT: USE SELF-CONTAINED OR AIR SUPPLIED BREATHING APPARATUS FOR ENCLOSED AREAS. AVOID BREATHING FUMES OR VAPORS.

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DROP 'L DO

**4. REACTIVITY DATA:**

STABILITY: (CONDITIONS TO AVOID) STABLE

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) STRONG OXIDIZING AGENTS, SUCH AS CONCENTRATED OXYGEN OR CHLORINE.

HAZARDOUS DECOMPOSITION PRODUCTS: SMOKE, CO, CO<sub>2</sub>, FUMES AND VAPORS CONTAINING MOLYBDENUM, PHOSPHOROUS, SULFUR.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

**5. ENVIRONMENTAL AND DISPOSAL INFORMATION:**

ACTION TO TAKE FOR SPILLS/LEAKS: CONTAIN AND RECOVER. IF LARGE SPILL, SHUT OFF ALL OPEN FLAMES BEFORE ATTEMPTING CLEAN-UP AND AVOID SPARKS OR ARCS, VENTILATOR WILL USE NIOSH APPROVED BREATHING APPARATUS.

DISPOSAL METHOD: INCINERATE IN AN APPROVED MANNER, OR REMOVE ABSORBANT MATERIAL TO AN APPROVED LANDFILL.

**6. HEALTH HAZARD DATA:**

EYE: IRRITANT

SKIN CONTACT: IRRITANT

SKIN ABSORPTION: N/A

INGESTION: NAUSEA, DO NOT INDUCE VOMITING

INHALATION: PROLONGED BREATHING OF CONCENTRATED FUMES OR VAPORS MAY CAUSE HEADACHE, DIFFICULTY BREATHING, EVEN UNCONSCIOUSNESS.

PRIMARY ROUTES OF ENTRY: INHALATION OF VAPORS; DERMAL

**7. FIRST AID:**

EYES: FLUSH WITH WATER

SKIN: REMOVED SOAKED CLOTHING; WASH SKIN WITH SOAP AND WATER

INGESTION: DO NOT INDUCE VOMITING, SEEK MEDICAL HELP

INHALATION: REMOVE TO FRESH AIR, GIVE OXYGEN IF BREATHING IS LABORED OR UNCONSCIOUS.

**8. HANDLING PRECAUTIONS:**

EXPOSURE GUIDELINES: N/A

VENTILATION: N/A

RESPIRATORY PROTECTION: N/A

SKIN PROTECTION: OIL IMPERVIOUS GLOVES IF NEEDED

DROP 'L DO

EYE PROTECTION: CHEMICAL GOGGLES, IF NEEDED

**9. ADDITIONAL INFORMATION:**

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN CLOSED CONTAINERS AWAY FROM OPEN FLAMES AND OXIDIZING AGENTS. CAUTION: A COMBUSTIBLE LIQUID.

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**TITLE: PRESIDENT, LUBECON SYSTEMS, INC.**

**DATE: 12/07/95**