

EVERLUBE® PRODUCTS
SAFETY DATA SHEET

LUBE-LOK 77S
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1. IDENTIFICATION:

PRODUCT NAME: LUBE-LOK 77S
PRODUCT CODE: PLL77S
PRODUCT USE.: Low Friction Coating

HMIS CODES H F R P
2*3 0 G

Manufacturer:

EVERLUBE PRODUCTS
100 COOPER CIRCLE
PEACHTREE CITY, GA 30269

EMERGENCY PHONE (24 hours): CHEMTREC - 800-424-9300
INFORMATION PHONE (8:00 a.m - 5:00 p.m EST): (770) 261-4800
NAME OF PREPARER: CHEMICAL COMMUNICATIONS COORDINATOR
DATE PREPARED: 1/22/2020

2. HAZARDS IDENTIFICATION



CLASSIFICATION:

Extremely Flammable Liquid and Vapors - Category 1
Acute Toxicity, Dermal - Category 4
Acute Toxicity, Oral - Category 4
Carcinogenicity - Category 1
Serious Eye Damage - Category 1
Germ Cell Mutagenicity - Category 2
Skin Corrosion/Irritation - Category 2
Specific target organ toxicity, single exposure - Category 1

SIGNAL WORD:

DANGER

HAZARDS STATEMENTS:

H224-Extremely flammable liquid and vapors
H302-Harmful if swallowed
H312-Harmful in contact with skin.
H318-Causes serious eye damage.
H335-May cause respiratory irritation
H341-Suspected of causing genetic defects
H350-May cause cancer
H370-Causes damage to organs

PRECAUTIONARY STATEMENTS:

P210-Keep away from heat/sparks/open flames/hot surfaces - No smoking
P242-Use only non-sparking tools.
P280-Wear protective gloves/eye protection/face protection.
P403-P233-Store in well-ventilated place. Keep container tightly closed.
P501-Dispose of contents/container in accordance with local/regional/national/regulation.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	% BY WT.
N-BUTANOL	71-36-3	25% - 30%
ACGIH TWA 20 PPM NIOSH REL 50 PPM NIOSH REL 150 mg/m3 OSHA Z1 100 PPM - TWA OSHA Z1 300 mg/m3 LC50 INHALATION 8000ppm (24.24 mg/l) (rat) OSHA P0 50 PPM - CEILING OSHA P0 150 mg/m3 LD50 ORAL 790 mg/kg (rat) LC50 INHALATION >8000 PPM (rat) LD50 DERMAL 3.430 mg/kg (Rabbit) LC50 FISH 1,376 mg/l 96 h EC50 AQUATIC INVERTEBRATES 1,328 mg/l 48h EC50 ALGAE 225 mg/l 96 h NOEC AQUATIC INVERTEBRATES 4.1 mg/l 21d EC50 BACTERIA 4,390 mg/l 17h		
DIACETONE ALCOHOL	123-42-2	20% - 25%
ACGIH TWA: 50 PPM OSHA Z1 PEL: 50 PPM OSHA Z1 PEL 240 mg/m3 OSHA P0 50 ppm OSHA P0 240 mg/m3 NIOSH REL TWA: 50 ppm NIOSH REL TWA: 240 mg/m3 LD50 DERMAL RABBIT: 1875 mg/kg LD50 ORAL RAT: 3002 mg/kg LC50 INHALATION RAT: >7.6 mg/l 4hr LC50 FISH 420 mg/l 96 hr EC50 DAPHNIA 9,000 mg/l 24 hr		
ETHANOL	64-17-5	0% - 5%
OSHA PEL 1000.000 ppm TWA NIOSH REL 1,000 ppm TWA NIOSH REL 1,900 mg/m3 OSHA Z-1 1,000 ppm TWA OSHA Z-1 1,900 mg/m3 ACGIH 1,000 ppm STEL LD50 ORAL 7060 mg/kg (rat) LC 50 INHALATION 124.7 mg/l (rat) LC50 FISH 15,300 mg/l 96h EC50 DAPHNIA 5,012mg/l 48hr EC50 ALGAE 275 mg/l 72 hr		
FORMALDEHYDE	50-00-0	0% - 5%
ACGIH TLV: 03 ppm NIOSH REL: 0.016 ppm TWA OSHA PEL-STEL 2 ppm OSHA PEL-TWA 0.75 ppm LD50 ORAL: 100 mg/kr (rat) LD50 ORAL: 42 mg/kr (mouse) LD50 DERMAL: 270 ul/kr (rabbit) LC50 BLUEGILL 0.10 mg/l 96h LC50 MINNOW 24.1 mg/l 95hr EC50 PHOTOBACTERIUM 6.81 mg/l 25 min. LC50 INHALATION: 454 mg/m35h (mouse)		

4. First Aid Measures

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Eyes:

With eyelids open, immediately flush eyes with lots of lukewarm water for at least 30 minutes. Get immediate medical assistance.

Skin:

Wash the skin thoroughly with plenty of water for at least 15 minutes, using a mild and non-abrasive soap. Cold water may be used.

Ingestion:

Never give anything by mouth if the victim is semi-conscious, unconscious, or convulsing.

Inhalation:

Evacuate to fresh air and administer artificial respiration if breathing stopped. Obtain medical aid.

5. Fire Fighting Measures

Flammable Properties:

Flash Point (Degree F): 55 F

Flash Point Method: TCC

Explosive Limits:

Upper explosive limit: 36.0

Lower explosive limit: 1.7%

Hazardous Combustion Products:

Carbon, Hydrogen Sulfide, Sulfur oxide, or their compounds

Extinguishing Media:

CO₂, foam, dry chemical or halon

Firefighting Procedures:

Fire-Fighters should wear self-contained breathing apparatus and full protective equipment.

Extinguish all nearby sources of ignition.

6. Accidental Release Measures

Small Spill:

Eliminate all sources of ignition, provide ventilation, contain spill, and absorb with inert absorbent.

Wear appropriate breathing apparatus (if applicable) and protective clothing.

Use only non-sparking tools and equipment.

Large Spill:

Remove by mechanical means and place in containers.

Use only non-sparking tools and equipment.

Environmental Precautions:

Prevent product or wash waters from entering the water system or sewers.

US regulations require reporting spills of this material that could reach any surface waters. In Canada, report to the applicable provincial environment ministry.

7. Handling and Storage

Handling:

Avoid breathing dust/fume/gas/mist/vapors/spray.

Do not get in eyes, on skin, or on clothing.

Wash contaminated clothing thoroughly after handling.

Wash skin thoroughly (with soap and water) after handling.

Storage:

Store in a cool, dry well ventilated place, away from incompatible materials.

Store in a closed/sealed container.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

Mixture, see section 3

Engineering Controls:

General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below the threshold limit values.

Use explosion-proof electrical/ventilating/lighting equipment.

Prevent the product or the wash waters from entering the water system or sewers.

Personal Protective Equipment:



Respiratory Protection:

In case of inadequate ventilation, wear respirator protection. Use NIOSH/MSHA approved Cartridge Respirator or Mask to keep airborne mists and concentrations below the time weighted threshold limit values.

Skin Protection:

Wear protective gloves (eg Neoprene or Nitrile) for skin protection.

Eye Protection:

Wear eye protection/face protection. Contact lenses should not be worn without goggles.

9. Physical and Chemical Properties

Flammability (solid, gas)....: Data not available

Boiling Point: 173 F

Melting Point: Data not available

VOC.....: 750 grams/liter

Freezing Point: Data not available

Flash Point: 55 F

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Vapor Pressure: None known
Vapor Density: Heavier than air.
Solubility in Water: Slightly Soluble
Density.....: 8.5 lb/gl
Evaporation Rate: Faster than n-Butyl Acetate.
Explosive Limits:
 Upper Explosive Limit: 36.0
 Lower Explosive Limit: 1.7%
Specific Gravity: 1.02081
PH: None known
Volatile (% by Weight).....: 65%
Appearance and Odor: Gray/Black liquid, organic solvent odor
Odor Threshold: Not applicable
Viscosity: Not applicable
Partition Coefficient:.....: Data not available
Decomposition Temperature ...: Data not available
Autoignition temperature.....: Data not available

10. Stability and Reactivity

Chemical Stability (Conditions to Avoid):

Stable under normal conditions.

Incompatibility:

Oxidizers, Strong Acids or Alkalies.

Hazardous Decomposition Products:

Irritating and/or toxic fumes including the following may be released:
Carbon, Hydrogen Sulfide, Sulfur oxide, or their compounds

Hazardous Polymerization:

Will not occur.

11. Toxicological Information

Acute Toxicity Values:

Mixture, see section 3 - Hazardous Ingredients

Germ Cell Mutagenicity:

None known

Chronic/Carcinogenicity:

IARC (International Agency for Research of Cancer):
Group 1-Carcinogenic to humans

NTP (National Toxicology Program):

Reasonably anticipated to be a human carcinogen

Reproductive Toxicity:

None known

STOT-single exposure:

May cause respiratory irritation

STOT-repeated exposure:

None known

Aspiration Hazard:

May be harmful if swallowed and enters airways

Routes of Exposure:

Skin contact, skin absorption, eye contact, inhalation

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12. Ecological Information

Environmental Fate:

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. Canadian and U.S. regulations require that environmental and/or other agencies be notified of a spill incident. The spill area must be cleaned and restored to the original condition or to the satisfaction of authorities.

Environmental Toxicity:

Data not available

Persistence and Degradability:

Data not available

Bioaccumulative Potential:

Data not available

Mobility in Soil

Data not available

Other Adverse Effects:

None known

13. Disposal Considerations

Disposal Methods:

Dispose of contents/container to: A licensed waste disposal facility. Do not attempt to combust waste on-site. Incinerate at a licensed waste disposal site with approval of environment authority.

14. Transport Information

Domestic (Land, DOT), International (Water, IMO/IMDG), International (Air, ICAO) Road and Rail (ADR/RID), Air (ICAO/IATA), Vessel (IMO/IMDG):

UN Number:

UN 1263

UN Shipping Name:

PAINT RELATED MATERIAL

Transport Hazard Class:

Class 3

**Packing Group:**

Group II

ENVIRONMENTAL HAZARDS:**Marine Pollutant:**

None known

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Special Precautions for User:

None known

15. Regulatory Information

U.S. Federal Regulations:

TSCA:

ALL COMPONENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY OR ARE EXTINCT FROM REQUIREMENTS

CERCLA: SARA Hazard Category:

Section 313:

IF THIS MATERIAL HAS ANY COMPONENTS THAT ARE REPORTABLE UNDER SARA 313 THEY ARE SHOWN IN THE FOLLOWING LISTING. IF THE LISTING IS BLANK, THERE ARE NO REPORTABLE COMPONENTS.

COMPONENT	CAS #	% BY WT.
N-BUTANOL	71-36-3	25% - 30%
DIACETONE ALCOHOL	123-42-2	20% - 25%

FRANK DODD SECTION 1502:

ALL COMPONENTS OF THIS PRODUCT COMPLY WITH TITLE 15 OF THE US CONSUMER FINANCIAL PROTECTION ACT, DODD-FRANK ACT SECTION 1502 (CONFLICT MINERALS ACT).

State Regulations:

California Prop 65:

This product contains a chemical known to the State of California to cause cancer.

International Regulations:

WHMIS Classification:

B2, D2A, D2B,

CEPA (Canadian Environmental Protection Act)

ALL INGREDIENTS ARE CEPA APPROVED FOR IMPORT TO CANADA. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CONTROLLED PRODUCTS REGULATION (CPR) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

EINECS (European Inventory of Existing Chemical List)

ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED ON THE EUROPEAN INVENTORY OF EXISTING CHEMICALS LIST

16. Other Information

DATE OF PREPARATION: 1/22/2020

KEY/LEGEND:

- ACGIH: American Conference of Governmental Industrial Hygienists
- ADR: International Carriage of Dangerous Goods by Road
- RID: International Carriage of Dangerous Goods by Rail
- CAS: Chemical Abstracts Service
- CERCLA: Comprehensive Environmental Response, Compensation, & Liability Act
- DOT: Department of Transportation
- HMIS: Hazardous Materials Identification System

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IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
IDL: Immediately Dangerous to Life
IMDG: International Maritime Dangerous Goods
IMO: International Maritime Organization
LC: Lethal Concentration
LD: Lethal Dose
NIOSH: National Institute for Occupational Safety & Health
OSHA: Occupational Safety & Health Administration
PPM: Parts Per Million
REL: Recommended Exposure Limit
SARA: Superfund Amendments and Reauthorization Act
STEL: Short-term Exposure Limits
STOT: Specific Target Organ Toxicity
TLV: Threshold Limit Value
TSCA: Toxic Substances Control Act
TWA: Time Weighted Average
VOC: Volatile Organic Compounds
WHMIS: Workplace Hazardous Materials Information System

Manufacturer Disclaimer:

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