

EVERLUBE[®] PRODUCTS

SAFETY DATA SHEET

ESNALUBE 382

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1. IDENTIFICATION:

PRODUCT NAME: ESNALUBE 382
PRODUCT CODE: PEN382
PRODUCT USE : Low Friction Coating

HMIS CODES H F R P
1 0 0 B

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: 1/21/2020

2. HAZARDS IDENTIFICATION



CLASSIFICATION:

Serious Eye Irritation - Category 2
Reproductive Toxicity - Category 2
Skin Corrosion/Irritation - Category 2

SIGNAL WORD:

WARNING

HAZARDS STATEMENTS:

H315-Causes skin irritation
H319-Causes serious eye irritation
H361-Suspected of damaging fertility or the unborn child.

PRECAUTIONARY STATEMENTS:

P281-Use personal protective equipment as required.
P404-Store in closed container
P501-Dispose of contents/container in accordance with local/regional/national/regulation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	% BY WT.
DISTILLED WATER	7732-18-5	55 - 60%
NO EXPOSURE LIMITS ESTABLISHED		
SODIUM SILICATE	1344-09-8	5% - 10%
LD50 ORAL 3400 mg/kg bw Rat		
LC50 INHALATION >2.06 g/m3 Rat		
LD50 DERNAK >5000 mg/kg bw		
LC50 FISH 1108 mg/l 96 hr		
EC50 DAPHNIA 1700 mg/l 48 hr		
SODIUM METABORATE	7775-19-1	0% - 5%

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OSHA/PEL (TOTAL DUST): 15 mg/m³
OSHA/PEL (RESPIRABLE DUST): 5 mg/m³
CAL OSHA/PEL 5 mg/m³
ACGIH/TLV: 2 mg/m³ (TWA)
ACGIH/TLV: 6 mg/m³ (STEL)
LD50 INGESTION: >2400 mg/kg (RATS)
LD50 SKIN: >2000 mg/kg (RATS)
LC50 Invertebrate 133 mg B/L 48 hr
LC50 Fish 74 mg B/L 96 hr
EC10 Algae 24 mg B/L 96 hr
LC50 Fresh Water 46mg B/L 7-day

4. First Aid Measures

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:

No adverse effects anticipated

5. Fire Fighting Measures

Flammable Properties:

Flash Point (Degree F): >200 F

Flash Point Method: None known

Explosive Limits:

Upper explosive limit: None known

Lower explosive limit: None known

Hazardous Combustion Products:

Sulfur, Silicon, and their compounds

Extinguishing Media:

Not Applicable

Firefighting Procedures:

Not Applicable

6. Accidental Release Measures

Small Spill:

Absorb spillage to prevent material damage

Large Spill:

Remove by mechanical means and place in containers.

Environmental Precautions:

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:

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

Storage:

Store in closed container

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

Mixture, see section 3

Engineering Controls:

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

Personal Protective Equipment:



Respiratory Protection:

None required under normal operating conditions

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: 212 F
Melting Point: Data not available
VOC.....: 0% grams/liter
Freezing Point: None known
Flash Point: >200 F
Vapor Pressure: Data not available
Vapor Density: Lighter than air.
Solubility in Water: None known
Density.....: 11.8 lb/gl
Evaporation Rate: Slower than n-Butyl Acetate.
Explosive Limits:
 Upper Explosive Limit: None known
 Lower Explosive Limit: None known
Specific Gravity: 1.41712
PH: None known
Volatile (% by Weight).....: 60%
Appearance and Odor: Black liquid, no odor
Odor Threshold: Not applicable
Viscosity: Not applicable
Partition Coefficient:.....: Data not available
Decomposition Temperature ...: Data not available
Autoignition temperature.....: Data not available

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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:
Sulfur, Silicon, and 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 3-Not classified as a cancer causing agent in humans

NTP (National Toxicology Program):

None known

Reproductive Toxicity:

Product contains chemical(s) suspected of damaging
fertility/unborn child

STOT-single exposure:

None known

STOT-repeated exposure:

None known

Aspiration Hazard:

None known

Routes of Exposure:

Skin contact, skin absorption, eye contact, inhalation

12. Ecological Information

Environmental Fate:

Do not allow product 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 waste in a chemical landfill as approved by current local, state, and federal laws and regulations.

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:

Not regulated

UN Shipping Name:

Not Regulated

Transport Hazard Class:

Not Classified

Packing Group:

Not regulated

ENVIRONMENTAL HAZARDS:

Marine Pollutant:

None known

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.
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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:

None known

International Regulations:

WHMIS Classification:

Not Classified

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: 1/21/2020

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
 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:

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION AND RECOMMENDATION

SAFETY DATA SHEET

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