EVERLUBE® PRODUCTS

SAFETY DATA SHEET

1. IDENTIFICATION:

PRODUCT NAME: PERMA-SLIK 1460W **HMIS CODES H F R P**
PRODUCT CODE: PPS1460W **1 0 0 B**
PRODUCT USE : Low Friction Coating

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: 3/25/2020

2. HAZARDS INDENTIFICATION



CLASSIFICATION:
Acute Toxicity, Dermal - Category 3
Acute Toxicity, Inhalation - Category 3
Acute Toxicity, Oral - Category 4
Serious Eye Irritation - Category 2

SIGNAL WORD:
WARNING

HAZARDS STATEMENTS:
H302-Harmful if swallowed
H311-Toxic in contact with skin
H319-Causes serious eye irritation
H331-Toxic if inhaled

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	85 - 90%
NO EXPOSURE LIMITS ESTABLISHED		
CETYL ALCOHOL	36653-82-4	5% - 10%
LD 50 ORAL: 5 mg/kg (rat)		
LD 50 ORAL 3200 mg/kg (mouse)		
LD 50 DERMAL >2600 mg/kg (rabbit)		
MORPHOLINE	110-91-8	0% - 5%

ACGIH TWA 20 ppm
NIOSH REL 20 ppm
NOISH REL 70 mg/m3
OSHA Z-1 TWA 20 ppm
OSHA Z-1 TWA 70 mg/m3
OSHA TWA P0 20 PPM
OSHA TWA P0 70 mg/m3
OSHA P0 STEL: 30 ppm
OSHA P0 STEL 105 mg/m3
LC50 Inhalatioin Rat 11313 mg/m3 4hr
LD50 Dermal Rat 500 mg/kg
LC50 Fish 180 mg/l 96hr
EC50 Daphnia 100 mg/l 48hr
EC50 Algae 310 mg/l 72hr

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) .....: None known
Flash Point Method .....:
Explosive Limits:
Upper explosive limit: 15.2%(v)
Lower explosive limit: 1.8%(v)

Hazardous Combustion Products:
Carbon and it's 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.....: 110 grams/liter
Freezing Point .....: None known
Flash Point .....: None known
Vapor Pressure .....: Data not available
Vapor Density .....: Lighter than air.
Solubility in Water .....: Slightly Soluble
Density.....: 8.2 lb/gl
Evaporation Rate .....: Slower than n-Butyl Acetate.
Explosive Limits:
Upper Explosive Limit .....: 15.2%(v)
Lower Explosive Limit .....: 1.8%(v)
Specific Gravity .....: .98478
PH .....: None known
Volatile (% by Weight).....: 90%
Appearance and Odor .....: Milky White liquid, slight 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 and it's 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:
None known

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.
MORPHOLINE	110-91-8	0% - 5%

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: 3/25/2020

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:

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SAFETY DATA SHEET

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION AND RECOMMENDATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE AT THE TIME OF PREPARATION OR OBTAINED FROM SOURCES BELIEVED TO BE RELIABLE. HOWEVER, IT IS THE USERS RESPONSIBILITY TO DETERMINE SAFETY, TOXICITY, AND SUITABLITY FOR HIS OWN USE OF THE PRODUCT. EVERLUBE PRODUCTS ASSUMES NO RESPONSIBILITY. THE CUSTOMER OR RECIPIENT OF THIS SDS SHOULD ENSURE THAT THE INFORMATION CONTAINED IN THIS SDS IS MADE AVAILABLE TO ALL EMPLOYEES OR OTHER PERSONS WHOM HE KNOWS OR BELIEVES WILL USE THIS MATERIAL