

# EVERLUBE<sup>®</sup> PRODUCTS

## SAFETY DATA SHEET

PERMA-SLIK GLF AEROSOL  
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### 1. IDENTIFICATION:

PRODUCT NAME: PERMA-SLIK GLF AEROSOL  
PRODUCT CODE: PPSGLFAE  
PRODUCT USE.: Low Friction Coating

HMIS CODES H F R P  
2\*4 1 G

#### Manufacturer:

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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: 6/16/2022

### 2. HAZARDS IDENTIFICATION

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#### CLASSIFICATION:

Flammable Aerosol - Category 1  
Acute Toxicity, Dermal - Category 4  
Acute Toxicity, Inhalation - Category 4  
Acute Toxicity, Oral - Category 4  
Aspiration Hazard - Category 1  
Carcinogenicity - Category 2  
Serious Eye Damage - Category 1  
Gas Under Pressure - Compressed gas  
Reproductive Toxicity - Category 2  
Skin Corrosion/Irritation - Category 2  
Specific target organ toxicity, repeated exposure - Category 2  
Specific target organ toxicity, single exposure - Category 3

#### SIGNAL WORD:

DANGER

#### HAZARDS STATEMENT:

H222-Extremely flammable aerosol  
H280-Contains gas under pressure; may explode if heated  
H302-Harmful if swallowed  
H304-May be fatal if swallowed and enters airways  
H312-Harmful in contact with skin.  
H318-Causes serious eye damage.  
H332-Harmful if inhaled  
H336-May cause drowsiness or dizziness  
H351-Suspected of causing cancer  
H361-Suspected of damaging fertility or the unborn child.  
H371-May cause damage to organs

#### PRECAUTIONARY STATEMENTS:

P202-Do not handle until all safety precautions have been read and understood.

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P210-Keep away from heat/sparks/open flames/hot surfaces - No smoking  
 P211-Do not spray on an open flame or other ignition source.  
 P242-Use only non-sparking tools.  
 P251-Pressurized container: Do not pierce or burn, even after use.  
 P260-Do not breathe dust/fumes/gas/mist/vapors/spray.  
 P264-Wash hands thoroughly after handling  
 P270-Do not eat, drink, or smoke when using this product  
 P273-Avoid release to the environment  
 P280-Wear protective gloves/eye protection/face protection.  
 P301+P310-If swallowed, immediately call POISON CONTROL  
 P302+P352-If on skin: Wash with plenty of water  
 P304+P340-If inhaled: Remove person to fresh air and keep comfortable for breathing  
 P305-If in eye rinse cautiously with water for several minutes.  
 P308+P313-If exposed or concerned: Get medical advice/attention.  
 P314-Get medical advice/attention if you feel unwell.  
 P331-Do NOT induce vomiting  
 P332+P313-If skin irritation occurs: Get medical advice/attention.  
 P337+P313-If eye irritation persists: Get medical advice/attention.  
 P362+P364-Take off contaminated clothing and wash it before reuse.  
 P403-P233-Store in well-ventilated place. Keep container tightly closed.  
 P403-P233-P410-P412-Store in a well ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 122°F/50°C.  
 P501-Dispose of contents/container in accordance with local/regional/national/regulation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	% BY WT.
DIMETHYL ETHER	115-10-6	45% - 50%
LC50 (inhalation, rat) = 164,000 ppm for 4 hours		
METHYL ETHYL KETONE	78-93-3	25% - 30%
ACGIH TLV: 200 ppm		
ACGIH STEL: 300 ppm		
NIOSH REL: TWA 200 ppm		
NIOSH REL: TWA 590 mg/m3		
OSHA P0: TWA 200 ppm		
OSHA P0: TWA 590 mg/m3		
OSHA P0: STEL 300 ppm		
OSHA P0 STEL 885 mg/m3		
EC50 ALGAE ?100 mg/l 96 hr		
LD50 ORAL 3400.0 mg/kg (RATS)		
DC50 VAPORS 2000 PPM (RATS)		
LC50 FISH 100 mg/l 96 hr		
EC50 DAPHNIA >100 mg/l 48 hr		
CYCLOHEXANONE	108-94-1	5% - 10%
ACGIH TLV 20 PPM TWA		
ACGIH TLV 50 PPM STEL		
NIOSH REL 100 mg/m3		
NIOSH REL 25 PPM		
OSHA Z-1 200 mg/m3 PEL		
OSHA Z-1 50 PPM		
LD50 ORAL 1535 mg/kg (RAT)		
LD50 SKIN 948 mg/kg (rabbit)		
LC50 INHALATION: 8000ppm 4H (rat)		
LD50 ORAL 1400 mg/kg (mouse)		
LC50 FATHEAD MINNOW 481-578 mg/l 96 hr		
LC50 DAPHNIA 800 mg/l 24 hr		
ANTIMONY TRIOXIDE	1309-64-4	0% - 5%

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ACGIH-TLV: 8 HR TWA-10 mg/m<sup>3</sup>, TOTAL  
 ACGIH-TLV: 8 HR TWA-3 mg/3, RESPIRABLE  
 OSHA-PEL: 8 HR TWA-15 mg/m<sup>3</sup>, TOTAL  
 OSHA PEL: 8 HR TWA-5 mg/m<sup>3</sup>, RESPIRABLE  
 LC50 INHALATION 4H RAT: >5.4 mg/l  
 LD50 ORAL RAT: >5000 mg/kg

XYLENE 1330-20-7      0% - 5%

ACGIH TWA: 100 PPM  
 ACGIH STEL: 150 PPM  
 OSHA Z-1 TWA: 100 PPM  
 OSHA Z-1 435 mg/m<sup>3</sup>  
 LD50: ORAL 3,523 mg/kg (rat)  
 LC50 INHALATION 6700 ppm (rat) 4hr  
 EC50 ALGAE 4.36 mg/l 73 hr  
 IC50 DAPHNIA 1 mg/l 24hr  
 LC50 FISH 2.6 mg/l 96hr

ETHYL BENZENE 100-41-4      0% - 5%

ACGIH: 20 ppm TWA  
 OSHA 100 ppm TWA; 435 mg/m<sup>3</sup> TWA  
 OSHA 125 ppm STEL; 545 mg/m<sup>3</sup> STEL  
 NIOSH 100 ppm TWA; 435 mg/m<sup>3</sup> TWA  
 NIOSH 125 ppm STEL; 545 mg/m<sup>3</sup> STEL  
 LD50 ORAL: 3500 mg/kg (rat)  
 LC50 Inhalation 17.2 mg/l 4h (rat)  
 LD50 Dermal 15354 mg/kg (rabbit)  
 LC50 FISH: 11.0-18.0 mg/l 96 hr  
 EC50 ALGAE 4.6 mg/l 72 hr  
 EC50 DAPHNIA 18.-2.5 mg/l 48 hr

### 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

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**Flammable Properties:**

Flash Point (Degree F) .....: -42F  
 Flash Point Liquid (DegreeF).....: 15.8 F  
 Flash Point Method .....: TOC  
 Flash Point Propellant.....: -42.0 F

**Explosive Limits:**

Upper explosive limit: 27.0%  
 Lower explosive limit: 1% (v)

**Hazardous Combustion Products:**

Oxides of Carbon, Aldehydes, Antimony fumes, Hydrogen Peroxide and

their compounds

**Extinguishing Media:**

CO<sub>2</sub>, 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.

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**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.

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**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.

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**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.

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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

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**Flammability (solid, gas).....: Data not available**  
**Boiling Point .....: 174 F**  
**Melting Point .....: Data not available**  
**VOC.....: 705.402**  
**Flash Point Liquid.....: 15.8 F**  
**Flash Point Propellant.....: -42.0 F**  
**Can Pressure.....: 61.30 psig**  
**Melting/Freezing Point .....: -122.8 F**  
**Flash Point .....: -42F**  
**Vapor Pressure .....: Data not available**  
**Vapor Density .....: Heavier than air.**  
 2.410 g/cc Maximum  
  
**Solubility in Water .....: Insoluble**  
**Density.....: 10.5 lb/gl**  
**Evaporation Rate .....: Faster than n-Butyl Acetate.**  
**Explosive Limits:**  
     **Upper Explosive Limit .....: 27.0%**  
     **Lower Explosive Limit .....: 1% (v)**  
**Specific Gravity .....: 1.261**  
**PH .....: None known**  
**Volatile (% by Weight).....: 93%**  
**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**  
 759.2 F

## 10. Stability and Reactivity

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**Chemical Stability (Conditions to Avoid):**

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Stable under normal conditions.

**Incompatibility:**

Oxidizers, Strong Acids or Alkalies.

**Hazardous Decomposition Products:**

Irritating and/or toxic fumes including the following may be released:  
Oxides of Carbon, Aldehydes, Antimony fumes, Hydrogen Peroxide and their compounds

**Hazardous Polymerization:**

Will not occur.

### 11. Toxicological Information

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**Acute Toxicity Values:**

Mixture, see section 3 - Hazardous Ingredients

**Germ Cell Mutagenicity:**

None of the ingredients are known or suspected of causing genetic defects.

**Chronic/Carcinogenicity:**

IARC (International Agency for Research on Cancer):  
Group 2A-Probably carcinogenic to humans

NTP (National Toxicology Program):

None known

**Reproductive Toxicity:**

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

**STOT-single exposure:**

May cause drowsiness or dizziness

**STOT-repeated exposure:**

May cause damage to organs through prolonged or repeated exposure.

**Aspiration Hazard:**

May be harmful if swallowed and enters airways

**Routes of Exposure:**

Skin contact, skin absorption, eye contact, inhalation

### 12. Ecological Information

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**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**

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**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**

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

**UN Number:**

UN 1950

**UN Shipping Name:**

Aerosol, Flammable

**Transport Hazard Class:**

Class 2.1



**Packing Group:**

Group II

**ENVIRONMENTAL HAZARDS:**

**Marine Pollutant:**

**Special Precautions for User:**

None known

**15. Regulatory Information**

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**U.S. Federal Regulations:**

**TSCA:**

ALL COMPONENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY OR ARE EXEMPT 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

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ARE NO REPORTABLE COMPONENTS.

COMPONENT	CAS #	% BY WT.
ANTIMONY TRIOXIDE	1309-64-4	0% - 5%
XYLENE	1330-20-7	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:**

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

**International Regulations:**

**WHMIS:**

A, B5, 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**

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**Date of Preparation: 6/16/2022**

**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



## SAFETY DATA SHEET

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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