

# EVERLUBE<sup>®</sup> PRODUCTS

## SAFETY DATA SHEET

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

PRODUCT NAME: PERMA-SLIK RAC AEROSOL MSDS  
PRODUCT CODE: PPSRACAEMSDS  
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: 5/4/2021

### 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  
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 STATEMENTS:

H222-Extremely flammable aerosol  
H280-Contains gas under pressure; may explode if heated  
H304-May be fatal if swallowed and enters airways  
H312-Harmful in contact with skin.  
H319-Causes serious eye irritation  
H333-May be harmful if inhaled  
H335-May cause respiratory irritation  
H336-May cause drowsiness or dizziness  
H351-Suspected of causing cancer  
H361-Suspected of damaging fertility or the unborn child.  
H373-May cause damage to organs through prolonged or repeated exposure.

#### 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.  
 P251-Pressurized container: Do not pierce or burn, even after use.  
 P260-Do not breathe dust/fumes/gas/mist/vapors/spray.  
 P261-Avoid breathing dust/fumes/gas/mist/vapours/spray.  
 P264-Wash hands thoroughly after handling  
 P271 Use in well-ventilated area  
 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-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.
HEPTANE	142-82-5	15% - 20%
ACGIH TWA 400 PPM (8-Hours) ACGIH STEL 500 PPM (15-Min) OSHA TWA 500 PPM (8-Hours) LD50 ORAL >15,000 mg/kr Rat LD50 INHALATION 103 mg/m <sup>3</sup> 4h Rat LD50 INHALATION 75 g/m <sup>3</sup> 2h Mouse LD50 DERMAL >2,000 mg/kg Rabbit		
HEXANE	110-54-3	15% - 20%
ACGIH TLV-CEIL: 50 ppm OSHA PEL-500 ppm NOISH REL: 50 ppm 10 hr day/40 hr week NOISH IDLH: 1100 ppm LD50 Oral - rat - 25,000 mg/kg LC50 Inhalation - rat - 4 h - 48000 ppm		
PROPANE	74-98-6	15% - 20%
OSHA PEL 1000 PPM NIOSH REL 1000 PPM NIOSH IDLH 1000 PPM ACGIH TLV 1000 PPM LC50 RAT 658mg/l Rat		
N-Butane	106-97-8	10% - 15%
ACGIH TLV TWA 1,000 ppm NOISH REL TWA 8000 ppm NIOSH REL 1,900 mg/m <sup>3</sup> ACGIH TLV STEL 1,000 ppm LC50 INHALATION RAT 4 H 658,000 mg/me		
ISOBUTANE	75-28-5	10% - 15%
ACGIH TLV TWA 1000 ppm NIOSH REL-800 ppm NIOSH REL: 1,900 mg/m <sup>3</sup>		

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VM&P NAPHTHA	64742-89-8	0% - 5%
OSHA Z1 TWA 500 PPM OSHA Z1 TWA 2,000 mg/m3 OSHA P0 TWA 400 PPM OSHA P0 TWA 1,600 mg/m3 LD 50 ORAL >5000 mg/kg (rat) LD50 DERMAL >2000 mg/kg (rabbit) LC50 FISH 8.2 mg/l 96h EC50 ACQUATIC INVERTEBRES 4.5 mg/l 48h EC50 ALGAE 3.7 mg/l 96h		
ETHYL BENZENE	100-41-4	0% - 5%
ACGIH: 20 ppm TWA OSHA 100 ppm TWA; 435 mg/m3 TWA OSHA 125 ppm STEL; 545 mg/m3 STEL NIOSH 100 ppm TWA; 435 mg/m3 TWA NIOSH 125 ppm STEL; 545 mg/m3 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. Consult a doctor if irritation persists.

**Ingestion:**

Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, 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 Liquid (Degree F) :** 16F  
**Flash Point Method :** None Known  
**Flash Point Propellant:** -156 F

**Explosive Limits:**

**Upper explosive limit:** 9.5  
**Lower explosive limit:** 0.9

**Hazardous Combustion Products:**

Carbon and it's compounds

**Extinguishing Media:**

CO2, foam, dry chemical or halon

**Firefighting Procedures:**

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

### 6. Accidental Release Measures

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**Small Spill:**

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

Issue warning "Flammable". Isolate the hazard area and restrict access.

Handle as highly flammable liquid.

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

Prevent the spill or wash from entering sewers or watercourses.

**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

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**Handling:**

Maintain good personal hygiene. Avoid breathing processing vapors. Avoid prolonged or repeated skin contact. Wash skin with soap and water after handling. Wash contaminated clothing before re-use.

**Storage:**

Storage of individual cans should be done in an area below 120F, away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol products) is recommended.

### 8. Exposure Controls/Personal Protection

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**Airborne Exposure Limits:**

None known

**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.

For personal entry into confined spaces (i.e. bulk storage tanks) a proper confined space entry procedure must be followed including ventilation and testing of tank atmosphere. Make-up air should always

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be supplied to balance air exhausted.

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).....: **Extremely Flammable Aerosol**  
 Boiling Point .....: 10 F  
 Melting/Freezing Point .....: -139 F  
 VOC.....: 606.625 grams/liter  
 Flash Point Liquid.....: 16F  
 Flash Point Propellant.....: -156 F  
 Can Pressure.....: 70 psig  
 Vapor Pressure .....: Data not available  
 Vapor Density .....: 2.970 g/cc maximum  
 Solubility in Water .....: Insoluble  
 Density.....: 7.7 lb/gl  
 Evaporation Rate .....: Data not available.  
**Explosive Limits:**  
     Upper Explosive Limit .....: 9.5  
     Lower Explosive Limit .....: 0.9  
 Specific Gravity .....: .92473  
 PH .....: Not Applicable.  
 Volatile (% by Weight).....: 98%  
 Appearance and Odor .....: Gray/Black liquid, organic solvent odor  
 Odor Threshold .....: None known  
 Viscosity .....: None known  
 Partition Coefficient.....: Data not available  
 Decomposition Temperature ...: Data not available  
 Autoignition temperature.....: >200F

## 10. Stability and Reactivity

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### Chemical Stability (Conditions to Avoid):

Stable under normal conditions.

### Incompatibility:

Oxidizers, Strong Acids or Alkalies.

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**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

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**Acute Toxicity Values:**

Mixture, see section 3 - Hazardous Ingredients

**Germ Cell Mutagenicity:**

None known

**Chronic/Carcinogenicity:**

IARC (International Agency for Research of Cancer):

Group 2B-Possibly carcinogenic to humans

NTP (National Toxicology Program):

None known

**Reproductive Toxicity:**

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

**STOT-single exposure:**

If inhaled may cause drowsiness or dizziness

May cause drowsiness or dizziness

**STOT-repeated exposure:**

May cause damage to organs through prolonged or repeated exposure.

**Aspiration Hazard:**

May be fatal 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. DO NOT INCINERATE - CONTENTS  
UNDER PRESSURE.

**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:**

Not Applicable

**ENVIRONMENTAL HAZARDS:**

**Marine Pollutant:**

None known

**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  
ARE NO REPORTABLE COMPONENTS.

COMPONENT	CAS #	% BY WT.
HEPTANE	142-82-5	15% - 20%
HEXANE	110-54-3	15% - 20%

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PROPANE	74-98-6	15% - 20%
VM&P NAPHTHA	64742-89-8	0% - 5%
ETHYL BENZENE	100-41-4	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:

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: 5/4/2021**

### 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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