

# EVERLUBE<sup>®</sup> PRODUCTS

## SAFETY DATA SHEET

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

PRODUCT NAME: PERMA-SLIK C AEROSOL MSDS  
PRODUCT CODE: PPSCAEMSDS  
PRODUCT USE.: Low Friction Coating

HMIS CODES H F R P  
2\*4 0 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  
Serious Eye Irritation - 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  
H332-Harmful if inhaled  
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.
ACETONE	67-64-1	35% - 40%
ACGIH TLV (8-HOUR) 500 PPM		
ACGIH STEL 750 PPM		
NIOSH REL 250 PPM		
NIOSH REL 590 mg/m3		
OSHA Z1 PEL: 1000 PPM		
OSHA Z1 PEL 2,400 mg/m3		
OSHA NIC TWA 200 PPM		
OSHA NIC STEL 500 PPM		
LD50 DERMAL 20,000 mg/kg (Rabbit)		
LD50 ORAL 5800 m/kg (Rat)		
LC50 INHALATION 16000 PPM 4h Rat		
LD50 DERMAL 20,000 mg/kg RABBIT		
PROPANE	74-98-6	15% - 20%
OSHA PEL 1000 PPM		
NIOSH REL 1000 PPM		
NIOSHJ IDLH 1000 PPM		
ACGIH TLV 1000 PPM		
LC50 RAT 658mg/1 Rat		
ISOBUTANE	75-28-5	5% - 10%
ACGIH TLV TWA 1000 ppm		
NIOSH REL-800 ppm		
NIOSH REL: 1,900 mg/m3		
XYLENE	1330-20-7	5% - 10%
ACGIH TWA: 100 PPM		
ACGIH STEL: 150 PPM		
OSHA Z-1 TWA: 100 PPM		
OSHA Z-1 435 mg/m3		
LD50: ORAL 3,523 mg/kg (rat)		
LC50 INHALATION 6700 ppm (rat) 4hr		
EC50 ALGAE 4.36 mg/l 73 hr		

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IC50 DAPHNIA 1 mg/l 24hr		
LC50 FISH 2.6 mg/l 96hr		
N-Butane	106-97-8	5% - 10%
ACGIH TLV TWA 1,000 ppm		
NOISH REL TWA 8000 ppm		
NIOSH REL 1,900 mg/m3		
ACGIH TLV STEL 1,000 ppm		
LC50 INHALATION RAT 4 H 658,000 mg/me		
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		
TOLUENE	108-88-3	0% - 5%
OSHA PEL 200.00 PPM-TWA		
OSHA PEL 300.000 PPM-CEILING		
OSHA VPEL 100.000 PPM-TWA		
OSHA VPEL 150.000 PPM-STEL (SKIN)		
ACGIH TLV 50.000 PPM-TWA (SKIN)		
ACGIH TLV 150.000 PPM-STEL (SKIN)		
LD 50 ORAL RAT: 2.6 g/kg		
LC 50 INHALATION RAT: 8000 PPM; 4 h		
LD 50 DERMAL RABBIT: 12,124 mg/kg		
LC50 FISH 7.63 mg/l 96 h		
EC50 INVERTEBRATES 8 mg/l 24 h		
EC50 ALGAE 10 mg/l 24h		

### 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. 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

#### Flammable Properties:

Flash Point Liquid (Degree F) .....: -4.0 F

Flash Point Method .....: None Known

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Flash Point Propellant.....: -156 F

**Explosive Limits:**

Upper explosive limit: 12.8

Lower explosive limit: 1.0% (V)

**Hazardous Combustion Products:**

Oxides of Carbon, Acetic Acid, Formaldehyde fumes, Hydrogen Peroxide, Methanol 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.

### 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.

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### 8. Exposure Controls/Personal Protection

#### 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 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

Flammability (solid, gas).....: Extremely Flammable Aerosol

Boiling Point .....: 10 F

Melting/Freezing Point .....: None known

VOC.....: 270.74

Flash Point Liquid.....: -4.0 F

Flash Point Propellant.....: -156 F

Can Pressure.....: 70 psig

Vapor Pressure .....: Data not available

Vapor Density .....: None known

Solubility in Water .....: Insoluble

Density.....: 7.1 lb/gl

Evaporation Rate .....: Data not available.

#### Explosive Limits:

Upper Explosive Limit .....: 12.8

Lower Explosive Limit .....: 1.0% (V)

Specific Gravity .....: .85267

PH .....: Not Applicable.

Volatile (% by Weight).....: 93%

Appearance and Odor .....: Gray/Black liquid, organic solvent odor

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Odor Threshold .....: None known  
 Viscosity .....: None known  
 Partition Coefficient:.....: Data not available  
 Decomposition Temperature ...: Data not available  
 Autoignition temperature.....: None known

### 10. Stability and Reactivity

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**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:  
 Oxides of Carbon, Acetic Acid, Formaldehyde fumes, Hydrogen Peroxide,  
 Methanol or 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 know or suspected of causing genetic defects.

**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

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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:**

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### 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.
ACETONE	67-64-1	35% - 40%
PROPANE	74-98-6	15% - 20%
XYLENE	1330-20-7	5% - 10%
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:

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

This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

### 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

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



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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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