

1. IDENTIFICATION:

PRODUCT NAME: LUBE-LOK 2109  
PRODUCT CODE: PLL2109  
PRODUCT USE.: Low Friction Coating

HMIS CODES H F R P  
2\*3 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: 5/23/2016

2. HAZARDS IDENTIFICATION

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**CLASSIFICATION:**

Highly Flammable Liquid and Vapors - Category 2  
Acute Toxicity - Category 4  
Aquatic Acute Toxicity - Category 1  
Aquatic Chronic Toxicity - Category 1  
Aspiration Hazard - Category 1  
Carcinogenicity - Category 1  
Serious Eye Damage - Category 1  
Reproductive Toxicity - Category 1  
Skin Irritation - Category 2  
Respiratory/Skin Sensitization - Category 1  
Specific target organ toxicity, repeated exposure - Category 1  
Specific target organ toxicity, single exposure - Category 2

**SIGNAL WORD:**

DANGER

**HAZARDS STATEMENT:**

H225-Highly flammable liquid and vapors  
H304-May be fatal if swallowed and enters airways  
H315-Causes skin irritation  
H317-May cause an allergic skin reaction  
H319-Causes serious eye irritation  
H332-Harmful if inhaled  
H335-May cause respiratory irritation  
H336-May cause drowsiness or dizziness  
H337-May cause damage to central nervous system  
H350-May cause cancer  
H360-May damage fertility or the unborn child.  
H372-Causes damage to organs through prolonged and repeated exposure  
H410-Very toxic to aquatic life with long lasting effects.

## SAFETY DATA SHEET

**PRECAUTIONARY STATEMENTS:**

P202-Do not handle until all safety precautions have been read and understood.  
 P210-Keep away from heat/sparks/open flames/hot surfaces - No smoking  
 P242-Use only non-sparking tools.  
 P280-Wear protective gloves/eye protection/face protection.  
 P403-P233-Store in well-ventilated place. Keep container tightly closed.  
 P501-Dispose of contents/container in accordance with local/regional/national/regulation.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

	CAS#	% BY WT.
TOLUENE	108-88-3	25% - 30%
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		
METHYL ETHYL KETONE	78-93-3	15% - 20%
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		
EPON RESIN	25036-25-3	5% - 10%
ACGIH TLV TWA-10 mg/m3 (inhalable particulate) OSHA PEL TWA-5 mg/m3 (respirable particulate) OSHA PEL TWA-15 mg/m3 (total dust) LD 50 Oral Rat >2,000 mg/kg LD 50 Dermal Rat >2,000 mg/kg		
ANTIMONY TRIOXIDE	1309-64-4	5% - 10%
OSHA Z-1 0.5 mg/m3 TWA OSHA P0: 0.5 mg/m3 TWA NOISH REL 0.5 mg/m3 LD Oral Rat: >34,600 mg/kg LC50 Fish: >1,000 mg/l 96hr EC50 Daphnia: >1,000 mg/l 48 hr		
LEAD PHOSPHITE	12141-20-7	0% - 5%
ACGIH TLV-TWA: 0.15 mg/m3 (8 hrs), as Pb BLV: 50 mmg/100g blood OSHA PEL: 0.05 mg/m3, AS Pb		
METHYL ISOBUTYL KETONE	108-10-1	0% - 5%
ACGIH TWA: 20 ppm ACGIH STEL: 75 ppm NIOSH REL: 50 ppm		

## SAFETY DATA SHEET

NIOSH REL: 205 mg/m3		
NIOSH STEL: 75 ppm		
NIOSH STEL: 300 mg/m3		
OSHA Z1-TWA100 ppm		
OSHA Z1-410 mg/m3		
OSHA P0-TWA 50 ppm		
OSHA P0-205 mg/m3		
OSHA P0-stel 75 ppm		
OSHA 300 mg/m3		
LD50 RAT ORAL: 2080 mg/kg		
LD50 INHALATION RAT: >2000 PPM, 4 hr		
LC50 RAT INHALATION 8.L2-16.4 mg/l		
LC50 FISH >179 mg/l 96h		
EC50 AQUATIC INVERTEBRATES >200 mg/l 48h		
EC50 ALGAE 400 mg/l 95h		
ETHANOL	64-17-5	0% - 5%
OSHA PEL 1000.000 ppm TWA		
NIOSH REL 1,000 ppm TWA		
NIOSH REL 1,900 mg/m3		
OSHA Z-1 1,000 ppm TWA		
OSHA Z-1 1,900 mg/m3		
ACGIH 1,000 ppm STEL		
LD50 ORAL 7060 mg/kg (rat)		
LC 50 INHALATION 124.7 mg/l (rat)		
LC50 FISH 15,300 mg/l 96h		
EC50 DAPHNIA 5,012mg/l 48hr		
EC50 ALGAE 275 mg/l 72 hr		
PINE OIL	8002-09-3	0% - 5%
LD50 ORAL (RAT): 3840 mg/kg 14 days		
LD 50 DERMAL (RABBIT): >5000 mg/kg 14 days		
EC50 ALGAE 8 mg/l, 72 hr		
EC50 DAPHNIA 1.36 mg/lm 48 hr		
EC50 FISH 0.71 mg/l, 96 hr		
N-BUTANOL	71-36-3	0% - 5%
ACGIH TWA 20 PPM		
NIOSH REL 50 PPM		
NIOSH REL 150 mg/m3		
OSHA Z1 100 PPM - TWA		
OSHA Z1 300 mg/m3		
LC50 INHALATIN 8000ppm (24.24mg/l) (rat)		
OSHA P0 50 PPM - CEILING		
OSHA P0 150 mg/m3		
LD50 ORGAL 790 mg/kg (rat)		
LC50 INHALATION >8000 PPM (rat)		
LD50 DERMAL 3.430 mg/kg (Rabbit)		
LC50 FISH 1,376 mg/l 96 h		
EC50 AQUATIC INVERTEBRATES 1,328 mg/l 48h		
EC50 ALGAE 225 mg/l 96 h		
NOEC AQUATIC INVERTEBRATES 4.1 mg/l 21d		
EC50 BACTARIA 4,390 mg/l 17h		
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)		

## SAFETY DATA SHEET

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) .....: 16F

Flash Point Method .....: TCC

**Explosive Limits:**

Upper explosive limit: 36.0

Lower explosive limit: 1.2

**Hazardous Combustion Products:**

Carbon, Lead, Antimony, Sulfur, or 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.

In case of fire, toxic fumes of lead oxide may be emitted.

### 6. Accidental Release Measures

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**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.

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.

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**9. Physical and Chemical Properties**

## SAFETY DATA SHEET

**Flammability (solid, gas).....: Data not available**  
**Boiling Point .....: 173 F**  
**Melting Point .....: Data not available**  
**VOC.....: 695 grams/liter**  
**Freezing Point .....: Data not available**  
**Flash Point .....: 16F**  
**Vapor Pressure .....: Data not available**  
**Vapor Density .....: Heavier than air.**  
**Solubility in Water .....: Slightly Soluble**  
**Density.....: 9.6 lb/gl**  
**Evaporation Rate .....: Faster than n-Butyl Acetate.**  
**Explosive Limits:**  
     Upper Explosive Limit .....: 36.0  
     Lower Explosive Limit .....: 1.2  
**Specific Gravity .....: 1.15291**  
**PH .....: None known**  
**Volatile (% by Weight).....: 60%**  
**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**

### 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:  
 Carbon, Lead, Antimony, Sulfur, 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 known

**Chronic/Carcinogenicity:**

IARC (International Agency for Research of Cancer):  
 Group 1-Carcinogenic to humans

NTP (National Toxicology Program):

Not listed as a carcinogen

**Reproductive Toxicity:**

Product contains chemical(s) that may damage fertility or the unborn child

**STOT-single exposure:**

May cause respiratory irritation

May cause drowsiness or dizziness

## SAFETY DATA SHEET

May cause damage to central nervous system

**STOT-repeated exposure:**

Causes damage to organs through prolonged or 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. 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 1263

**UN Shipping Name:**

PAINT RELATED MATERIAL

**Transport Hazard Class:**

Class 3



**Packing Group:**  
Group II

**ENVIRONMENTAL HAZARDS:**

**Marine Pollutant:**  
Toxic to aquatic life  
Harmful to aquatic life with long lasting effects

**Special Precautions for User:**  
None known

**15. Regulatory Information**

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**U.S. Federal Regulations:**

**OSHA:**  
OSHA Regulated

**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.
TOLUENE	108-88-3	25% - 30%
ANTIMONY TRIOXIDE	1309-64-4	5% - 10%
LEAD PHOSPHITE	12141-20-7	0% - 5%
METHYL ISOBUTYL KETONE	108-10-1	0% - 5%
ETHANOL	64-17-5	0% - 5%
N-BUTANOL	71-36-3	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



**SAFETY DATA SHEET**

cause birth defects or other reproductive harm.

**International Regulations:**

**WHMIS:**

B2, 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: 5/23/2016**

**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 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 SUITABILITY 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

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