

# EVERLUBE® PRODUCTS

## SAFETY DATA SHEET

ECOALUBE 642-66

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### 1. IDENTIFICATION:

PRODUCT NAME: ECOALUBE 642-66  
PRODUCT CODE: PEC64266  
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: 1/7/2015

### 2. HAZARDS IDENTIFICATION

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#### Classification:

EXTREMELY FLMMABLE LIQUID AND VAPORS - Catagory 1

#### Signal Word:

DANGER

#### HAZARDS STATEMENTS:

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

H305-May be harmful if swallowed and enters airways.

H316-Causes mild skin irritation

H320-Causes eye irritation

H333,H336-May be harmful if inhaled; May cause drowsiness or dizziness

H351-Suspected of causing cancer

H361-Suspected of damaging fertility or the unborn child.

#### PRECAUTIONARY STATEMENTS:

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.

P285-In case of inadequate ventilation wear respiratory protection.

P403-P233-Store in well-ventilated place. Keep container tightly closed.

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P501-Dispose of contents/container in accordance with local/regional/national/regulation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	% BY WT.
METHYL ETHYL KETONE	78-93-3	45% - 50%
ACGIH TLV: 200 ppm OSHA/ACGIH STEL: 300 ppm OSHA TWA 200 ppm LD50 ORAL 3400.0 MG/KG (RATS) DC50 VAPORS 2000 PPM (RATS) LD50 SKIN 12600 MG/KG (RABBITS)		
TOLUENE	108-88-3	10% - 15%
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: 2.6G/KG LC 50 INHALATION RAT: 8000 PPM; 4 H LD 50 DERMAL RABBIT: 12,124 MG/KG		
VM&P NAPHTHA	64742-89-8	10% - 15%
OSHA Z1 TWA 500 PPM ACGIH TWA 300 PPM OSHA Z1 TWA 2,000 MG/M3 ACGIH TWA 1,370 MG/M/3 LD 50 ORAL 8000 mg/kg (rat) LC50 INHALATION 3400 ppm 4 h (Rat) LD50 4000 DERMAL mg/kg (rat)		
MOLYBDENUM DISULFIDE	1317-33-5	0% - 5%
OSHA PEL: TWA 15.0 mg/m3 8-hrs ACGIH TWA I 10 mg/m3 ACGIH TWA R 3 mg/m3 LD50/LC50: 500 mg Acute Oral (rats) LD50: >1600 mg/kg Skin (rat)		
ISOBUTYL ACETATE	110-19-0	0% - 5%
ACGIH TWA: - 150 PPM OSHA PEL TWA: 150 PPM OSHA PEL 700 MG/M3 LD50 DERMAL: >17400 mg/kg (rabbit) LD50 ORAL 3200-6400 mg/kg (rat)		
ANTIMONY TRIOXIDE	1309-64-4	0% - 5%
ACGIH PEL-TWA: 0.5 mg/m3 as Sb ACGIH TLV TWA: 0.5 mg/m3 as Sb NOISH REL 0.5 mg/m3 IDL: 50 mg/m3 as Sb >34,600 mg/kg Acute Oral (rat) 3,250 mg/kg Acute Intraperitoneal (rat) 172 mg/kg Acute Intraperitoneal (mouse)		
ISOPROPANOL	67-63-0	0% - 5%
ACGIH TWA: 200 ppm ACGIH STEL: 400 ppm NOISH REL: 400 ppm NOISH REL: 980 mg/m3 NOISH STEL: 500 ppm NOISH STEL: 1,225 mg/m3 OSHA Z1 PEL: 400 ppm OSHA Z1 PEL: 980 mg/m3		

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<p>LC50 INHALATION: 16000ppm 4hr (rat)</p> <p>ETHYLENE GLYCOL</p> <p>OSHA PEL: 50 PPM CEILING</p> <p>ACGIH TLV: 50 PPM CEILING (VAPOR)</p> <p>LD50 ORAL 4.7 g/kg (rat)</p> <p>LD50 DERMAL 9.5 g/kg (rabbit)</p>	<p>107-21-1</p>	<p>0% - 5%</p>
<p>METHYL ALCOHOL</p> <p>OSHA PEL 200.000 ppm-TWA</p> <p>OSHA VPEL 200.000 ppm-TWA (Skin)</p> <p>OSHA VPEL 500.000 ppm-STEEL (Skin)</p> <p>ACGIH TLV 200.000 ppm-TWA (Skin)</p> <p>ACHIH TLV 250.000 ppm-STEEL (Skin)</p> <p>LD50 ORAL 1000.0 mg/kg (man)</p> <p>LC50 VAPORS 1600 ppm (rats)</p>	<p>67-56-1</p>	<p>0% - 5%</p>
<p>LEAD PHOSPHITE</p> <p>ACGIH TLV-TWA: 0.15 MG/M3 (8 hrs), as Pb</p> <p>BLV: 50 MMG/100G BLOOD</p> <p>OSHA PEL: 0.05 MG/M3, AS Pb</p>	<p>12141-20-7</p>	<p>0% - 5%</p>
<p>ACETONE</p> <p>ACGIH TLV (8-HOUR) 500 PPM</p> <p>ACGIH STEEL 750 PPM</p> <p>NIOSH REL 250 PPM</p> <p>NIOSH REL 590 MG/M3</p> <p>OSHA Z1 PEL: 1000 PPM</p> <p>OSHA Z1 PEL 2,400 MG/M3</p> <p>OSHA NIC TWA 200 PPM</p> <p>OSHA NIC STEEL 500 PPM</p> <p>LD50 DERMAL 20,000 mg/kg (Rabbit)</p> <p>LD50 ORAL 5800 m/kg (Rat)</p> <p>LC50 INHALATION 16000 PPM 4h Rat</p> <p>LD50 DERMAL 20,000 MG/KG RABBIT</p>	<p>67-64-1</p>	<p>0% - 5%</p>
<p>METHYL ISOBUTYL KETONE</p> <p>ACGIH TWA: 20 ppm</p> <p>ACGIH STEEL: 75 ppm</p> <p>NIOSH REL: 50 ppm</p> <p>NIOSH REL: 205 mg/m3</p> <p>NIOSH STEEL: 75 ppm</p> <p>NIOSH STEEL: 300 mg/m3</p> <p>OSHA Z1 PEL: 100 ppm</p> <p>OSHA Z1 PEL: 410 mg/m3</p> <p>ACGIH NIC TWA: 30 ppm</p> <p>ACGIH NIC: 75 ppm</p> <p>LD50 INHALATION RAT: &gt;2000 PPM, 4 HR</p> <p>LD50 RAT ORAL: 2080 mg/kg</p> <p>LD 50 RABBIT DERMAL: &gt;3.0 g/kg</p>	<p>108-10-1</p>	<p>0% - 5%</p>
<p>ETHANOL</p> <p>OSHA PEL 1000.000 ppm - TWA</p> <p>OSHA VPEL 1000.000 ppm - TWA</p> <p>ACGIH TLV 1000.000 ppm - TWA</p> <p>LD50 ORAL-7060 mg/kg (rat)</p> <p>LC 50 INHALATION-20000 ppm 10 hr (rat)</p>	<p>64-17-5</p>	<p>0% - 5%</p>
<p>XYLENE</p> <p>ACGIH TWA: 100 PPM</p> <p>OSHA TWA: 100 PPM</p> <p>ACGIH STEEL: 150 PPM</p> <p>OSHA STEEL: 125 PPM</p> <p>LD50: ORAL 4,300 mg/kr (rat)</p> <p>LD50: DERMAL 2000 mg/kr (rabbit)</p>	<p>1330-20-7</p>	<p>0% - 5%</p>

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ETHYL BENZENE

100-41-4

0% - 5%

OSHA PEL 100 ppm-TWA  
 OSHA VPEL 100 ppm-TWA  
 OSHA VPEL 125 ppm-STEL  
 ACGIH TLV 100 ppm-TWA  
 ACGIH TLV 125 ppm-STEL  
 LD50 ORAL: 3500 mg/kg (rat)

### 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) :** -4 F

**Flash Point Method :** CC

**Explosive Limits:**

Upper explosive limit: 36.0

Lower explosive limit: .9

**Hazardous Combustion Products:**

Carbon, Lead, Antimony, Sulfur, 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.

Extinguish all nearby sources of ignition.

### 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 the product or the 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.

Keep away from heat, sparks, flame, and ignition source.

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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.

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**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 .....: 72 F  
 Melting Point .....: Data not available  
 VOC.....: 770 grams/liter  
 Freezing Point .....: Data not available  
 Flash Point .....: -4 F  
 Vapor Pressure .....: Data not available  
 Vapor Density .....: Heavier than air.  
 Solubility in Water .....: Slightly Soluble  
 Density.....: 7.4 lb/gl  
 Evaporation Rate .....: Faster than n-Butyl Acetate.  
**Explosive Limits:**  
     Upper Explosive Limit .....: 36.0  
     Lower Explosive Limit .....: .9  
 Specific Gravity .....: .8887  
 PH .....: Not Applicable.  
 Volatile (% by Weight).....: 85%  
 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:**

Data not available.

**Chronic/Carcinogenicity:**

IARC (International Agency for Research of Cancer):  
 Group 2B-Possibly carcinogenic to humans

**NTP (National Toxicology Program):**

Not listed as a carcinogen

**Reproductive Toxicity:**

This product contains chemical(s) that may damage fertility or the unborn child.

**STOT-single exposure:**

Data not available

**STOT-repeated exposure:**

Data not available

**Aspiration Hazard:**

The main hazard following accidental ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. If more than 2.0 ml/Kg has been ingested, vomiting should be induced with supervision. If symptoms, such as loss of gag reflex, convulsions or unconsciousness occur before vomiting, gastric lavage with a cuffed endotracheal tube should be considered.

**Routes of Exposure:**

Ingestion: May be harmful if swallowed and enters airways.

Skin: Causes mild skin irritation

Eye: Causes eye irritation

Inhalation: May be harmful if inhaled; May cause drowsiness or dizziness

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**12. Ecological Information**

**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:**

None Known

**Persistence and Degradability:**

None Known

**Bioaccumulative Potential:**

None Known

**Mobility in Soil**

None Known

**Other Adverse Effects:**

None Known

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**13. Disposal Considerations**

**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:**  
UN1263

**UN Shipping Name:**  
PAINT RELATED MATERIAL

**Transport Hazard Class:**  
Class 3



**Packing Group:**  
Group II

**ENVIRONMENTAL HAZARDS:**

**Marine Pollutant:**  
Not known to be a marine pollutant

**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 EXTINGUISHED 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	10% - 15%
ANTIMONY TRIOXIDE	1309-64-4	0% - 5%
ETHYLENE GLYCOL	107-21-1	0% - 5%
METHYL ALCOHOL	67-56-1	0% - 5%
LEAD PHOSPHITE	12141-20-7	0% - 5%
METHYL ISOBUTYL KETONE	108-10-1	0% - 5%

**FRANK DODD SECTION 1502:**



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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:

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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### 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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