EVERLUBE® PRODUCTS

SAFETY DATA SHEET

1. IDENTIFICATION:

PRODUCT NAME: ECOALUBE 642 (40% CONCENTRATE) **HMIS CODES H F R P**
PRODUCT CODE: PEC642-40 **2 3 0 G**
PRODUCT USE.: Low Friction Coating

Manufacturer:

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: 9/17/2014

2. HAZARDS INDENTIFICATION

Classification:
HIGHLY FLAMMABLE LIQUID AND VAPOUR - Catagory 2

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

H360-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.

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: 2.6G/KG LC 50 INHALATION RAT: 8000 PPM; 4 H LD 50 DERMAL RABBIT: 12,124 MG/KG		
METHYL ETHYL KETONE	78-93-3	15% - 20%
ACGIH TWA: 200 ppm ACGIH STEL: 300 ppm NOISH REL: 200 ppm NOISH REL: 590 mg/m3 NOISH STEL: 300 ppm NOISH STEL: 885 mg/m3 OSHA Z1 PEL: 200 ppm OSHA Z1 PEL 590 mg/m3 ORAL TOXICITY: LD 50 RAT 2,737 mg/kg INHALATION TOXICITY:LC 50 MOUSE 320 mg/1;4h DERMAL TOXICITY:LD50 RABBIT 6,840 mg/kg		
MOLYBDENUM DISULFIDE	1317-33-5	15% - 20%
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)		
ANTIMONY TRIOXIDE	1309-64-4	5% - 10%
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)		
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 NIOSH REL: 205 mg/m3 NIOSH STEL: 75 ppm NIOSH STEL: 300 mg/m3 OSHA Z1 PEL: 100 ppm OSHA Z1 PEL: 410 mg/m3 ACGIH NIC TWA: 30 ppm ACGIH NIC: 75 ppm LD50 INHALATION RAT: >2000 PPM, 4 HR LD50 RAT ORAL: 2080 mg/kg LD 50 RABBIT DERMAL: >3.0 g/kg		

ETHANOL	64-17-5	0% - 5%
OSHA PEL 1000.000 ppm - TWA		
OSHA VPEL 1000.000 ppm - TWA		
ACGIH TLV 1000.000 ppm - TWA		
LD50 ORAL-7060 mg/kg (rat)		
LC 50 INHALATION-20000 ppm 10 hr (rat)		
PINE OIL	8002-09-3	0% - 5%
WEEL: 8-hr TWA-30 ppm		
OSHA PEL: 2 mg/m3		
ACUTE ORAL LD50 (RAT): >2.0 g/kg		
ACUTE DERMAL LD50 (RABBIT): >2.0 g/kg		
N-BUTANOL	71-36-3	0% - 5%
OSHA PEL 100.000 PPM - TWA		
OSHA VPEL 50.000 PPM - CEILING (SKIN)		
ACGIH TLV 20.000 PPM - TWA		
LD50 ORGAL 0.790 g/kg (rab)		
LD50 DERMAL 3.4 g/kg (Rabbit)		
LC50 INHALATIN 8000ppm (24.24 mg/L) (rat)		
XYLENE	1330-20-7	0% - 5%
ACGIH TWA: 100 PPM		
OSHA TWA: 100 PPM		
ACGIH STEL: 150 PPM		
OSHA STEL: 125 PPM		
LD50: ORAL 4,300 mg/kr (rat)		
LD50: DERMAL 2000 mg/kr (rabbit)		
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

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

Flammable Properties:
Flash Point (Degree F) .....: 24F
Flash Point Method .....: TCC
Explosive Limits:
Upper explosive limit: 36.0
Lower explosive limit: 1.0

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

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.

7. Handling and Storage

Handling:
Avoid breathing dust/fume/gas/mist/vapours/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.

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 vapour concentrations below the threshold limit values.

Use explosion-proof electrical/ventilating/lighting equipment

Avoid breathing dust/fumes/gas/mist/vapours/spray

Effective exhaust ventilation should always be provided to draw fumes, vapors or dust away from workers to prevent routine inhalation.

Personal Protective Equipment:

Respiratory Protection:
In case of inadequate ventilation, wear respiratory 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)....: Data not available
Boiling Point .....: 147 F
Melting Point .....: Data not available
VOC.....: 695 grams/liter
Freezing Point .....: Data not available
Flash Point .....: 24F
Vapor Pressure .....: Data not available
Vapor Density .....: Heavier than air.
Solubility in Water .....: Insoluble
Density.....: 9.6 lb/gl
Evaporation Rate .....: Faster than n-Butyl Acetate.
Explosive Limits:
Upper Explosive Limit .....: 36.0
Lower Explosive Limit .....: 1.0
Specific Gravity .....: 1.15291
PH .....: Not Applicable.
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

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

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 then 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

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

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

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

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 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

Manufacturer Disclaimer:
TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION AND RECOMMENDATION

EVERLUBE® PRODUCTS

SAFETY DATA SHEET

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 SUITABLITY 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