EVERLUBE® PRODUCTS

SAFETY DATA SHEET

1. IDENTIFICATION:

PRODUCT NAME: ECOALUBE 642 DILUTED **HMIS CODES H F R P**
PRODUCT CODE: PEC642D **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: 3/5/2021

2. HAZARDS INDENTIFICATION

CLASSIFICATION:
Highly Flammable Liquid and Vapors - Category 2
Acute Toxicity, Inhalation - Category 4
Acute Toxicity, Oral - Category 4
Aspiration Hazard - Category 1
Carcinogenicity - Category 1
Serious Eye Irritation - Category 2
Reproductive Toxicity - Category 1
Skin Corrosion/Irritation - Category 2
Skin Sensitization - Category 1
Specific target organ toxicity, repeated exposure - Category 2
Specific target organ toxicity, single exposure - Category 3

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
H336-May cause drowsiness or dizziness
H350-May cause cancer
H360-May damage 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.
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	45% - 50%
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	35% - 40%
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	0% - 5%
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	0% - 5%
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 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

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

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) .....: 16F
Flash Point Method .....: TCC
Explosive Limits:
Upper explosive limit: 11.5
Lower explosive limit: 1.2

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.

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

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 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

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.

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.

9. Physical and Chemical Properties

Flammability (solid, gas)....: Data not available
Boiling Point .....: 174 F
Melting Point .....: Data not available
VOC.....: 800 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.....: 7.4 lb/gl
Evaporation Rate .....: Faster than n-Butyl Acetate.
Explosive Limits:
Upper Explosive Limit .....: 11.5
Lower Explosive Limit .....: 1.2
Specific Gravity .....: .8887
PH .....: None known
Volatile (% by Weight).....: 85%
Appearance and Odor .....: Black liquid, organic slight 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:
None known

Chronic/Carcinogenicity:

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

NTP (National Toxicology Program):
None known

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

STOT-single exposure:
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

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

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:

UN 1263

UN Shipping Name:
PAINT RELATED MATERIAL

Transport Hazard Class:
Class 3

Packing Group:
Group II

ENVIRONMENTAL HAZARDS:

Marine Pollutant:
None known

Special Precautions for User:
None known

15. Regulatory Information

U.S. Federal Regulations:

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	45% - 50%
EPON RESIN	25036-25-3	0% - 5%
ANTIMONY TRIOXIDE	1309-64-4	0% - 5%
LEAD PHOSPHITE	12141-20-7	0% - 5%
METHYL ISOBUTYL KETONE	108-10-1	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:
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

Date of Preparation: 3/5/2021

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:
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 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

EVERLUBE® PRODUCTS

SAFETY DATA SHEET

PERSONS WHOM HE KNOWS OR BELIEVES WILL USE THIS MATERIAL

www.everlubeproducts.com