

MATERIAL SAFETY DATA SHEET

EVERLUBE® PRODUCTS
100 COOPER CIRCLE
PEACHTREE CITY, GA 30269, USA
770-261-4800 (DURING WORKING HOURS)
CHEMTREC 1-800-424-9300

SECTION I

IDENTITY (AS USED ON LABEL): Everlube® 6149 (PEV6149)
CHEMICAL NAMES AND SYNONYMS: Bonded Solid Film Lubricant (10-286)
CHEMICAL FAMILY: Not Applicable
FORMULA: Complex Mixture
DATE PREPARED: April 28, 2005
INFORMATION OR EMERGENCY PHONE NO.: 770-261-4800
PREPARED BY: CHEMICAL COMMUNICATIONS COORDINATOR
EVERLUBE PRODUCTS, 100 COOPER CIRCLE, PEACHTREE CITY, GA 32069

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

HEALTH: 2
FLAMMABILITY: 3
REACTIVITY: 0
SPECIAL NOTICE: -

SECTION II - HAZARDOUS COMPONENTS

CONCENTRATIONS

Methyl Ethyl Ketone (CAS #78-93-3)*		
ACGIH TLV:	200 ppm	
OSHA PEL:	200 ppm	
OSHA STEL:	885 mg/m ³	10-20%
Ethanol (CAS #64-17-5)		
ACGIH TLV:	1000 ppm	
OSHA PEL:	1000 ppm	10-20%
Toluene (CAS #108-88-3)*		
ACGIH TLV:	100 ppm	
OSHA PEL:	100 ppm	
OSHA STEL:	560 mg/m ³	<10%
Mineral Spirits (CAS #8032-32-4)		
ACGIH TLV:	No Listing	
OSHA PEL:	No Listing	
MANUFACTURER'S RECOMMENDED TLV:	100 ppm	<10%
Isopropyl Alcohol (CAS #67-63-0)		
ACGIH TLV:	400 ppm	
OSHA PEL:	400 ppm	
OSHA STEL:	1255 mg/m ³	10-20%
Butyl Cellosolve (CAS #111-76-2)*		
ACGIH TLV:	25 ppm	
OSHA PEL:	25 ppm	<10%

Methyl Isobutyl Ketone (CAS #108-10-1)*

ACGIH TLV:	50 ppm	
OSHA PEL:	50 ppm	
OSHA STEL:	300 mg/m ³	<10%

Aromatic Naphtha (CAS #64742-06-9)

ACGIH TLV:	No Listing	
OSHA PEL:	No Listing	
MANUFACTURER'S RECOMMENDED TLV:	100 ppm	Trade Secret

Polytetrafluoroethylene (PTFE) (CAS #9002-84-0)

ACGIH TLV:	No Listing	
OSHA PEL:	No Listing	
MANUFACTURER'S RECOMMENDED TLV:	10 mg/kg	Trace

Residual Phenol (CAS #108-95-2)*

ACGIH TLV:	5 ppm (skin)	
OSHA PEL:	5 ppm (skin)	Trade Secret

Zinc (CAS #7440-66-6)*

ACGIH TLV:	10 mg/m ³ as (Total)	
OSHA PEL:	15 mg/m ³ as (Total)	<10%

Copper (CAS #7440-50-8)*

ACGIH TLV:	1.0 mg/m ³	
OSHA PEL:	1.0 mg/m ³	<10%

*This chemical is subject to the Reporting Requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	Not Available
Density (lb/gal):	8.3
Vapor Pressure (mm Hg.):	Not Available
Melting Point:	Not Available
Vapor Density (AIR=1):	Not Available
Evaporation Rate:	
(Butyl Acetate = 1)	Not Available
Solubility in Water:	Slight
Appearance and Odor:	Gold colored liquid, organic solvent odor.
Volatile Organic Compound -	VOC (grams/liter):672

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	24°F (T.C.C.)
Flammable Limits:	
LEL -	Not determined for product
UEL -	Not determined for product
Extinguishing Media:	CO ₂ , Foam, Dry Chemical or Halon
Special Fire Fighting Procedures:	
Wear self-contained breathing apparatus. Do not extinguish with water.	
Unusual Fire and Explosion Hazards:	None

SECTION V - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Open flame
Incompatibility (Materials to Avoid):
Strong oxidizing agents
Hazardous Decomposition Products:
Irritating and/or toxic fumes including CO, CO₂, and Fluorine
Compounds and Zinc and Copper Oxides may be released.
Hazardous Polymerization: None
Conditions to Avoid: None

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not determined for product, see Section II.

Route(s) of Entry:
Inhalation? Yes
Skin? Yes
Ingestion? Yes

TOXICITY (ACUTE AND CHRONIC):

Methyl Ethyl Ketone (CAS# 78-93-3) is an eye and skin irritant, affects the nervous system, and is a teratogen in lab animals.

CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

Ethanol (CAS #64-17-5) is a mild irritant to rabbit skin and a severe eye irritant. Ethanol is reported to cause teratogenicity, CNS depression, gastrointestinal distress from oral consumption by humans. No toxicity is reported from inhalation below the TWA.

CARCINOGENICITY: NPT-NO IARC-NO OSHA-NO

Toluene (CAS #108-88-3) is suggested to cause liver abnormalities in humans. Tests in lab animals exposed to Toluene show liver abnormalities, kidney damage, lung damage and spleen damage.

CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

Mineral Spirits (CAS #8032-32-4) are irritating to eyes skin and mucous membranes by inhalation. Inhalation above TLV causes headache, nausea, and coma.

CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

Isopropyl alcohol (CAS #67-63-0) oral LD50 (rat) is 5840 mg/kg and is irritating to the eyes, nose, and throat.

CARCINOGENICITY: NTP-NO IARC-YES OSHA-NO

Butyl cellosolve (CAS #111-76-2) has dermal LD50 (guinea pigs) of 230 mg/kg and causes liver and kidney damage.

CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

Methyl Isobutyl Ketone (CAS #108-10-1) is irritating to the eyes and mucous membranes. It is narcotic in high concentrations above the TWA. The oral LD50 (rat) is 2080 mg/kg and inhalation LCLO (rat) is 4000 ppm/15 min.
CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

Aromatic naphtha (CAS #64742-06-9) is reported to have a low order of acute toxicity but minute amounts respirator into the lungs may cause severe pulmonary injury.
CARCINOGENICITY: NPT-NO IARC-NO OSHA-NO

PTFE (CAS #9002-84-0)dust may be irritating. Smoking should not be permitted in dusty areas.
CARCINOGENICITY: NTP-NO IARC-YES OSHA-NO
(Animal Positive)- (Human Indefinite)

The oral LD50 of phenol (CAS #108-95-2) is 414 mg/kg and it's inhalation LC50 (rat) is 316 mg/m3. Phenol is considered toxic orally. It is a severe skin and eye irritant in rabbits.
CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

Zinc (CAS #7440-66-6) is relatively non-toxic to humans by inhalation or exposure to skin. The difficulty arises from oxidation of zinc fumes prior to inhalation or the presence of impurities such as Cd, Sb, As or Pb.
CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

Copper (CAS #7440-50-8) is highly toxic orally. The oral (human) TCL0=120 micro-grams/kg.
CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

HEALTH HAZARDS:

- Eyes - can cause irritation, redness, blurred vision.
- Skin - prolonged contact can cause irritation, dermatitis.
- Inhalation - can cause irritation, dizziness, nausea, fatigue, headache and unconsciousness or asphyxiation.
- Ingestion - can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

EMERGENCY AND FIRST AID:

- Skin - wash with soap and water.
- Eyes - flush with copious amounts of water, get medical attention.
- Inhalation - remove to fresh air. If breathing is impaired, get medical attention.
- Ingestion - do not induce vomiting, keep warm, get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken in Case Material is Released or Spilled:

Clean spill with absorbent material

Eliminate ignition sources

Wear gloves, goggles and gas mask if TWA's are exceeded.

Waste Disposal Method:

Dispose of waste in a chemical landfill as approved by current local, state and federal laws and regulations.

Precautions to be Taken in Handling and Storing:

Protect from physical damage. Store in a cool, dry, ventilated area away from acids, alkalis and open flames.

Other Precautions:

None

SECTION VIII - CONTROL MEASURES

Respiratory Protection:

Use NIOSH approved organic respirator if TWA/TLV limits are exceeded.

Ventilation:

Local Exhaust - Use to maintain levels below TWA limits.

Mechanical - Use non sparking equipment.

Special:

None

Other:

None

Protective Gloves:

Chemical resistant gloves

Eye Protection:

Wear safety glasses or goggles

Other Protective Equipment or Practices:

None

INFORMATION ON THIS FORM IS FURNISHED SOLELY FOR THE PURPOSE OF COMPLIANCE WITH OSHA'S HAZARD COMMUNICATION STANDARD, 29CFR 1910.1200 AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.

(SIMILAR TO OSHA FORM 174)