

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Eastlube 3340 Product Code: BG050002

MANUFACTURER ADDRESS:

Eastern Oil Company
590 S. Paddock
Pontiac, MI 48341

CHEMTREC (EMERGENCY) PHONE:

(800) 424-9300
(703) 741-5970 international

SECTION 2: HAZARDS IDENTIFICATION

GHS Ratings:

Aquatic toxicity	C2	Acute toxicity > 1.00 but <= 10.0 mg/l and lack of rapid degradability and log Kow >= 4 unless BCF < 500 and unless chronic toxicity > 1 mg/l
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GHS Hazards

H411	Toxic to aquatic life with long lasting effects
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GHS Precautions

P273	Avoid release to the environment
P391	Collect spillage
P501	Dispose of contents/container appropriately

Signal Word:



SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Zinc oxide	1314-13-2	1.00% - 5.00%

SECTION 4: FIRST AID MEASURES

INHALATION:

Remove to fresh air. In severe cases of overexposure, such as with a fire, administer oxygen and seek qualified medical attention.

EYE CONTACT:

Flush with copious amounts of water for several minutes. If irritation persists, continue with water application. If, after 15 minutes, irritation continues, seek medical attention.

SKIN CONTACT:

Promptly wash skin with mild soap and water.

INGESTION:

Do not induce vomiting. Seek qualified medical attention. Small amounts, which may enter the mouth incidental to handling, may be rinsed out with water.

SECTION 5: FIRE FIGHTING MEASURES
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Flash Point: > 290 C (>554 F)

LEL:

UEL:

EXTINGUISHING MEDIA:

Foam, Carbon Dioxide, Dry Chemical, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Water may spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES:

Water may spread the fire as oil can float on it. Water spray may be used to cool exposed containers.

FIRE EQUIPMENT:

Use of water for fire fighting must be done with caution as water may actually spread the fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES:

Prevent spill from reaching any type of running or standing water, such as streams, sewers, well water and ponds.

SMALL SPILLS:

For small spills, wipe up or use absorbent to clean the spill area.

LARGE SPILLS:

For large spills, pump released material into recovery containers and then spread absorbent over the spill area to collect residuals.

SECTION 7: HANDLING AND STORAGE
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HANDLING PRECAUTIONS:

When handling, have appropriate safety equipment for the working conditions including eyewash. Do not pressurize, cut, weld, braze, solder, drill, or grind containers containing product residues.

STORAGE REQUIREMENTS:

Store in a sheltered area, away from temperature extremes in labeled containers. Keep away from heat, sparks, or flame. Avoid contact with eyes, skin, clothing, and shoes.

REGULATORY REQUIREMENTS:

Prevent spread of material to rivers or waterways.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION
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Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Zinc oxide 1314-13-2	5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)	10 mg/m3 STEL (respirable fraction) 2 mg/m3 TWA (respirable fraction)	NIOSH: 5 mg/m3 TWA (dust and fume) 15 mg/m3 Ceiling (dust) 10 mg/m3 STEL (fume)

ENGINEERING CONTROLS:

Good ventilation desirable.

VENTILATION:

Sufficient to control mists below the operator exposure threshold limit of 5 mg/m3.

WORK HYGIENIC PRACTICES:

Keep clean. Wash exposed skin areas with mild soap and water.

PROTECTIVE GEAR:

RESPIRATORY PROTECTION: Required if employee exposure exceeds threshold.

EYE PROTECTION: Where contact is likely, wear safety glasses.

SKIN PROTECTION: Gloves recommended when handling. Neoprene, nitrile, or PVC offers good protection.

CONTAMINATED GEAR:

Laundry contaminated clothing before reuse. Discard of contaminated PPE that cannot be cleaned.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the supplier for additional information.

DMSO Extract, IP-346 = <3% by weight

<p>Appearance: White semi-solid</p> <p>Vapor Pressure: N/A</p> <p>Vapor Density: N/A</p> <p>Specific Gravity: 1.21</p> <p>Freezing point: N/A</p> <p>Boiling range: 2500 - 3000°C</p> <p>Evaporation rate: Nil</p> <p>Explosive Limits: N/A</p> <p>Autoignition temperature: N/A</p> <p>Viscosity, cSt at 40C: N/A</p>	<p>Odor: Petroleum</p> <p>Odor threshold: N/A</p> <p>pH: N/A</p> <p>Melting point: N/A</p> <p>Solubility: Insoluble</p> <p>Flash point: 554°F, 290°C</p> <p>Flammability: N/A</p> <p>Partition coefficient (n-octanol/water): N/A</p> <p>Decomposition temperature: N/A</p> <p>Lbs VOC/Gallon Less Water: N/A</p>
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SECTION 10: STABILITY AND REACTIVITY**STABILITY:**

STABLE

CONDITIONS TO AVOID:

Any type of contamination.

No Data Available

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

No Data Available

Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION**Mixture Toxicity****Component Toxicity**

ROUTES OF ENTRY:

Inhalation, Skin Contact, Eye Contact, Ingestion

No Data Available

Respiratory System

Effects of Overexposure**CARCINOGENICITY:**

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No Data Available

SECTION 12: ECOLOGICAL INFORMATION**Component Ecotoxicity****SECTION 13: DISPOSAL CONSIDERATIONS**

Contact waste hauler for recycling. Follow all Local, State, and Federal regulations.

SECTION 14: TRANSPORT INFORMATION

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Not Regulated			
IATA	UN3082	Environmenta	PG III	9
IMDG	UN3082	Environmenta	PG III	9
	Limited Quantity 5L			

SECTION 15: REGULATORY INFORMATION

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

13463-67-7 Titanium dioxide Carcinogen

This product is classified under SARA 311/312:
Immediate health (Acute)

The following chemicals are classified under SARA 313 Toxic Release Inventory (TRI):

1314-13-2 Zinc oxide 1 to 5 %

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
Canada	Canadian DSL	Yes
USA	TSCA	Yes

SECTION 16: OTHER INFORMATION**PREPARATION INFORMATION:**

Prepared at an ISO 9001:2015 certified facility.

Hazardous Material Information System (HMIS)

HEALTH	<input type="text" value="0"/>	0	HMIS & NFPA Hazard Rating Legend * = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH
FLAMMABILITY	<input type="text" value="1"/>	1	
PHYSICAL HAZARD	<input type="text" value="0"/>	0	
PERSONAL PROTECTION	<input type="text"/>		

DISCLAIMER:

The information presented was obtained from sources believed to be reliable. However, it is provided without any warranty, expressed or implied, regarding its correctness. We do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the use, handling, storage, or disposal of the product.

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Reviewer Revision 1

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