

SAFETY DATA SHEET

Revision 1

Prepared 2015-06-01

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Eastern EOS Camshaft Lube Product Code: 3S057001

TradeName(s):

MANUFACTURER ADDRESS:

Eastern Oil Company
590 S. Paddock
Pontiac, MI 48341

CHEMTREC (EMERGENCY) PHONE:

(800) 424-9300
(202) 483-7616 International

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

No acute effects expected from incidental skin contact during handling. Aspiration hazard if swallowed. Regulated OSHA air contaminant (29 CFR 1910.1000, Subpart Z). Product is slippery, walking hazards possible. Product is combustible and will burn. Avoid release of this product to the environment.

EU Risk Phrases

EU Safety Phrases

GHS Ratings

Skin corrosive	2
Carcinogen	1B

GHS Hazards

H315	Causes skin irritation
H350	May cause cancer

GHS Precautions

P202	Do not handle until all safety precautions have been read and understood
P281	Use personal protective equipment as required
P341	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P302+P352	IF ON SKIN: Wash with soap and water
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention



ROUTES OF ENTRY:

Eyes, Skin, Inhalation, Ingestion

POTENTIAL HEALTH EFFECTS:

EYES: May cause mild irritation.

SKIN: Long term or repeated exposures will defat the skin resulting in irritation and possible dermatitis.

INGESTION: May cause vomiting. Danger of aspiration to the lungs with potential for chemical pneumonitis. Acts as a laxative.

INHALATION: Prolonged, excessive inhalation may cause irritation to the lungs and air passages.

ACUTE HEALTH HAZARDS:

Eye and respiratory irritation.

CARCINOGENICITY:

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Distillates, petroleum, solvent-dewaxed heavy paraffinic: EU REACH: Present (L)

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Dry skin.

CHRONIC HEALTH HAZARDS:

Possible dermatitis and respiratory tract inflammation.

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

<u>Chemical Name / CAS No</u>	<u>OSHA Exposure Limits</u>	<u>ACGIH Exposure Limits</u>	<u>Other Exposure Limits</u>
Proprietary 27 percent			
Phosphorodithioic acid, O,O-di- C1-14-alkyl esters, zinc salts 68649-42-3 5 to 10%			
Distillates, petroleum, solvent- dewaxed heavy paraffinic 64742-65-0 1 to 5%	PEL, 5 mg/m3, Mist STEL, 10 mg/m3, Mist TWA, 5 mg/m3, Mist	PEL, 5 mg/m3, Mist STEL, 10 mg/m3, Mist TWA, 5 mg/m3, Mist	
Residual oils, petroleum, solvent- dewaxed 64742-62-7 1 to 5%	Toluene (CAS 108-88-3) Ceiling 300 ppm TWA 200 ppm	Toluene (CAS 108-88-3) TWA 20 ppm	PEL, 5 mg/m3, Oil Mist STEL, 10 mg/m3, Oil Mist TWA, 5 mg/m3, Oil Mist

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.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

Treat symptoms as required. Product contains petroleum oils.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: 150 C (302 F)

Autoignition: Not Available

LEL: N/A

UEL: N/A

FLAMMABLE LIMITS:

Combustible liquid.

EXTINGUISHING MEDIA:

Foam, Carbon Dioxide, Dry Chemical, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Water may spread the fire.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of Carbon, Nitrogen, Phosphorous, and Sulfur. Smoke, odorous and toxic fumes may form during incomplete combustion. High heat may also generate hydrogen sulfide and alkyl mercaptans.

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**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

<u>Chemical Name / CAS No</u>	<u>OSHA Exposure Limits</u>	<u>ACGIH Exposure Limits</u>	<u>Other Exposure Limits</u>
Proprietary			
68649-42-3			
64742-65-0	PEL, 5 mg/m3, Mist STEL, 10 mg/m3, Mist TWA, 5 mg/m3, Mist	PEL, 5 mg/m3, Mist STEL, 10 mg/m3, Mist TWA, 5 mg/m3, Mist	
64742-62-7	Toluene (CAS 108-88-3) Ceiling 300 ppm TWA 200 ppm	Toluene (CAS 108-88-3) TWA 20 ppm	PEL, 5 mg/m3, Oil Mist STEL, 10 mg/m3, Oil Mist TWA, 5 mg/m3, Oil Mist

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:

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pale Yellow to Amber Liquid
Odor	Mild petroleum
Physical State	Liquid
Vapor Density	3.10
Evaporation Rate	Nil
Flash Point, COC, °F	450
Specific Gravity, 60F	0.9927
Viscosity, cSt 40C Typ	215.0

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

Stable

CONDITIONS TO AVOID:

Any type of contamination.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Oxides of Carbon, Nitrogen, Phosphorous, and Sulfur may form during combustion. Also, low levels of hydrogen sulfide may be generated at elevated temperatures.

Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

LC50 2.18 mg/L Inhalation Rat

SECTION 12: ECOLOGICAL INFORMATION

Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

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

RCRA HAZARD CLASS:

None

SECTION 14: TRASPOT INFORMATION

DOT:

Not regulated as dangerous goods.

IATA:

Not regulated as dangerous goods.

IMDG:

Not regulated as dangerous goods.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>HazardClass</u>
---------------	-----------------------------	------------------	----------------------	--------------------

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS:

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA:

All materials listed on TSCA inventory.

- None

64742-62-7	Residual oils, petroleum, solvent-dewaxed	1.0 - 5%
Proprietary	26.6%	

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION:

Prepared at an ISO 9001:2008 certified facility.

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.