



MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT INFORMATION—COMPANY IDENTIFICATION

IDENTITY: ENGINE OIL ENHANCER (EOE)
Chemical name: Oil, n.o.s.
Common name: Petroleum Oil
CAS#: Mixture
Manufacturer: Eco Global Solutions, Inc.
Address: 2850 Red Hill Avenue, Suite 210, Santa Ana, CA 92705
Telephone: (949) 955-1039 Fax (949) 748-5177
Emergency: 24 Hours: Chemtrec: (800) 424-9300

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Common Name</u>	<u>Chemical Name</u>	<u>CAS NUMBER</u>	<u>%</u>
Methyl ester			>80
Extreme pressure & friction reducing lubricant additive			<17
Polymers			<3

Contains no other ingredients now known to be hazardous as defined by OSHA 29 CFR 1910:1000(z)

SECTION 3 HAZARD IDENTIFICATION

Principle hazards: Eye contact, inhalation, and ingestion
Threshold limits: The PEL (OSHA) and the TLV (ACGIH) is 5mg/m³ for oil mists

Primary Routes of Exposure:

Eyes: May cause eye irritation
Skin: Repeated prolonged contact with skin may result in mild irritation or redness
Inhalation: Avoid breathing vapors or oil mist from this product. May cause irritation of the respiratory tract.
Oral: Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger may cause injury.

SECTION 4 FIRST AID MEASURES

Oral: If swallowed, induce vomiting as directed by medical personnel
Eyes: Flush immediately with water for at least 15 minutes. Get medical attention if eye irritation develops or persists.
Skin: Wash immediately with soap and water. Remove soiled clothing. Get medical attention if irritation develops.
Inhalation: Remove exposed person to fresh air. Get medical attention if needed.



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SECTION 5 FIREFIGHTING MEASURES

Flash point:	>230°C	(COC)	>450°F
Extinguishing media:	Carbon dioxide, dry chemical, or foam. Water spray may be ineffective		
Hazardous exposure:	Carbon monoxide and asphyxiants		
Special firefighting procedures:	Recommended SCBA. Use water only for cooling container. Water may cause splattering, or transport the flame.		

SECTION 6 ACCIDENTAL RELEASE MEASURES

Evacuate all non-essential personnel. Personal protective equipment must be worn, see PPE section 8 & 16. remove all sources of ignition. Prevent entry into sewers and waterways. Contain release, pick up free liquid for recycling or disposal. Residual liquid can be absorbed with inert material.

Prevent contamination to soil, waterways and sewer systems.

SECTION 7 HANDLING AND STORAGE

Handling:	Maintain a good personal hygiene. Avoid breathing vapors/mists. Use adequate ventilation. Avoid prolonged skin and eye contact. Wash clothing before re-using.
Storage:	Store in cool and dry place.

SECTION 8 EXPOSURE CONTROL/PERSONNEL PROTECTION

Exposure limits:	TLV = 5 mg/m ³ as oil mist
Ventilation:	General ventilation
Gloves:	None required under normal use
Eye protection:	Safety glasses, goggles, or face shield are recommended
Respiratory:	None required under normal use.
Clothing:	Normal work clothes

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber oily liquid
Boiling point:	Not determined
Evaporating point:	Less than ether
Flammability:	Not flammable
Flash point:	>230°C
Odor:	Petroleum
pH:	Not determined
Solubility:	Insoluble in water



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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Solubility:	Insoluble in water
Specific gravity:	1.1
Vapor density:	<1.0
Vapor pressure:	<0.01 1mm Hg @ 20°C
VOC, %:	nil

SECTION 10 STABILITY AND REACTIVITY DATA

Stability:	Material is normally stable at ambient temperature and pressure
Conditions to avoid:	Strong oxidizing agents and strong reducing agents.
Polymerization:	Will not occur
Decomposition:	Carbon oxides, hydrogen chloride gas

SECTION 11 TOXICOLOGICAL INFORMATION

Oral toxicity:	Swallowing material may cause intestinal irritation.
Eye irritation:	Not expected to cause eye irritation
Skin irritation:	Not expected to be a primary skin irritant. Prolonged contact may cause irritation.
Carcinogenic:	This material has not been identified as a carcinogen by NTP, IARC or OSHA

SECTION 12 ECOLOGICAL INFORMATION

No information on ecology is available. Ecological injuries are not known or expected under normal use. This material may cause long-term adverse affects in the aquatic environment.

SECTION 13 DISPOSAL PROCEDURES

Disposal:	Consult federal, state and local requirements regarding disposal methods
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SECTION 14 TRANSPORTATION INFORMATION

See 49CFR part 171.8 through 178.510

DOT Shipping name:	Not applicable
DOT hazard class:	Not regulated
UN/NA number:	Not applicable
Guide number:	Not applicable
IMDG code:	Not applicable



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SECTION 15 REGULATORY INFORMATION

TSCA: All components of this material are on the US TSCA inventory

SARA 311:

SARA 312:

SARA 313: Not listed

CAL PROP 65: Not listed

RCRA: Not listed

CERCLA: Not listed

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>PPE</u>
HMIS Code:	1	1	0	B
NFPA Code:	1	1	0	

Precautionary labels: NA

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Prepared by: Eco Global Solutions, Inc. and its affiliate companies
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