



MATERIAL SAFETY DATA SHEET

SECTION 1

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Eco Global Solutions, Inc.
2850 Red Hill Avenue Suite 210
Santa Ana, CA 92705

PHONE NUMBERS

Business Hours: (949) 955-1039
24 Hours: Chemtrec: (800) 424-9300
General MSDS: (949) 955-1039

Product Name:
Chemical Name:
Common Name:
CAS#:

Penetrating Spray Lubricant

Oil, n.o.s.
Petroleum Oil
Mixture

SECTION 2

COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL/COMMON NAME	CAS NO.	PERCENT
Naphthenic Oil	64742-46-7	60-80
Heavy Paraffinic Distillate	64742-56-9	20-30
Zinc C-1-C14 Alkyldithiophosphate	Confidential	<1
Antimony Dialkyldithiocarbamate	Confidential	<1

Contains no other ingredients now known to be hazardous as defined by OSHA 29 CFR 1910.1000(z).

SECTION 3

HAZARD IDENTIFICATION

Principle Hazards: Prolonged or repeated skin contact may cause dermatitis. See section 11 for complete health hazard information.

Threshold Limits: The PEL (OSHA) and the TLV (ACGIH) is 5 mg/m³ for oil mists.

Primary Route of Exposure:

EYE May cause eye irritation if splashed into eyes

SKIN Repeated or prolonged contact with skin may cause irritation which may lead to various skin disorders. Avoid prolonged skin contact.

INHALATION Inhalation of vapor or oil mist from this product may cause mild irritation of the respiratory system. Use in well ventilated areas.

ORAL Ingestion may cause nausea, diarrhea and stomach discomfort.

SECTION 4

FIRST AID

ORAL DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.

EYE Flush with water 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 if irritation develops. Launder contaminated clothing.

INHALATION Remove exposed person to fresh air. If breathing is labored, administer oxygen and obtain immediate medical attention. If irritation persists or if toxic symptoms are observed, get medical attention.



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SECTION 5

FIRE FIGHTING MEASURES

FLASHPOINT	>200 °C (COC) >392°F Slightly combustible. May release flammable vapors when heated above the flash point.
EXTINGUISHING MEDIA	Carbon Dioxide, dry chemical, or foam. Avoid using water.
HAZARDOUS EXPOSURE	Carbon monoxide and asphyxiants.
SPECIAL FIRE 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 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. Check DOT/ CERCLA and other agencies for reporting requirements.

Prevent contamination to soil, waterways and sewer systems.

SECTION 7

HANDLING AND STORAGE

HANDLING	Avoid prolonged skin contact, breathing vapors, and contaminated clothing. Use with adequate ventilation. Wear recommended protective equipment. Practice good personal hygiene after handling.
STORAGE	Store in closed containers of proper construction. Store away from ignition sources and in areas of good ventilation.

SECTION 8

EXPOSURE CONTROLS—PERSONAL PROTECTION

EXPOSURE LIMITS	TLV = 5 mg/m ³ as oil mist.
VENTILATION	Use in areas of adequate ventilation. Use mechanical exhaust to control vapors or mists.
GLOVES	Use gloves, nitrile or neoprene gloves are recommended.
EYE PROTECTION	Safety glasses, goggles, or face shield are recommended
RESPIRATORY	Use NIOSH/MSHA approved respirator with organic vapor cartridge and dust/mist cartridge is recommended if exposure limit is exceeded. Self-contained breathing apparatus is recommended for confined space entry.
CLOTHING	Long sleeved shirt and apron when potential for skin contact. Wear neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.



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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Amber Oily Liquid	pH	n/d
BOILING POINT:	>300°C	SOLUBILITY:	negligible
EVAPORATION POINT:	Less than ether	SPECIFIC GRAVITY:	0.88
FLAMMABILITY:	NA	VAPOR DENSITY:	Heavier than air
FLASH POINT:	>200°C	VAPOR PRESSURE:	<0.01 mm Hg @ 20°C
ODOR:	Petroleum odor	VOC, %	nil

SECTION 10 STABILITY AND REACTIVITY

STABILITY	Material is normally stable at ambient temperature and pressure.
CONDITIONS TO AVOID	Oxidizing agents. Do not heat above the flash point.
POLYMERIZATION	Will not occur
DECOMPOSITION	Carbon dioxide, carbon monoxide

SECTION 11 TOXICOLOGICAL INFORMATION

ORAL TOXICITY	Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.
EYE IRRITATION	Not expected to cause eye irritation.
SKIN IRRITATION	Not expected to be a primary skin irritant. Prolonged or repetitive contact may cause irritation.
CARCINOGENIC	This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

SECTION 12 ECOLOGICAL INFORMATION

This material is expected to have adverse affects on marine and plant life. Spills may contaminate drinking water.

SECTION 13 DISPOSAL CONSIDERATIONS

DISPOSAL	Consult federal, state and local regulations regarding disposal methods. Recycle used oil. Do not contaminate used oil with solvents or other chemicals.
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SECTION 14 TRANSPORTATION INFORMATION

See 49 CFR part 171.510

DOT SHIPPING NAME	Oil, n.o.s.
DOT HAZZARD CLASS	Not regulated
UN/NA NUMBER	
GUIDED NUMBER	27

Materials classified as DOT Combustible Liquids (Flash Point > 141°F and <200 °F) are not regulated by DOT in containers of 110 gallons, or less for domestic shipments.



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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	< 1% Zinc compound < 1% Antimony compound
CAL PROP 65	Not listed
RCRA	Not listed
CERCLA	listed

SECTION 16

OTHER INFORMATION

	HEALTH	FIRE	REACTIVITY	PPE
HMIS CODE:	1	1	0	C
NFPA CODE:	1	1	0	
PRECAUTIONARY LABELS	NA			

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