

EGS Heavy, # F11000

Product Code
EGS21126

MSDS Date
11/30/2009

1. Identification of the preparation and company

Preparation/Product Name	EGS Heavy, # F11000
Product Code	EGS21126
Company Name	Eco Global Solutions 4500 Campus Drive, Suite #208 Newport Beach, CA 92660
Telephone No.	(949) 955-1039
24 hour Emergency Telephone No.	(800) 424-9300
General MSDS	(949) 955-1039

2. Hazard identification of the product

**Warning****GHS Classification:**

Item	Category	Hazard
Flammability	4	Combustible liquid
Acute Toxicity (mouth)	Not classified	Not applicable
Acute Toxicity (skin)	Not classified	Not applicable
Acute Toxicity (inhalation)	Not classified	Not applicable
Acute Toxicity (ingestion)	Not classified	Not applicable

Skin corrosion/irritation	3	Not applicable
Eye damage/irritation	2A	Causes serious eye irritation
Sensitization (respiratory)	Not classified	Not applicable
Sensitization (skin)	1	May cause allergic reaction.
Germ toxicity	Not classified	Not applicable
Specific target organ systemic toxicity (single exposure)	1	blood
	2	No target organs for this category.
	3	No target organs for this category.
Specific target organ systemic Toxicity (repeated exposure)	1	blood, eyes, nose
	2	No target organs for this category.
Aspiration hazard	Not classified	Not applicable
Harmfulness to aquatic Environment (acute)	Not classified	Not applicable
Harmfulness to aquatic Environment (long term effect)	Not classified	Not applicable
Carcinogenicity	2	Suspected of causing cancer.
Reproductive Toxicity	Not classified	Not applicable
Organic Peroxide	Not classified	Not applicable

Safety Phrases:

S1: Keep locked up.

S23: Do not breathe vapour/spray.

S24: Avoid contact with skin.

S28: After contact with skin, wash immediately with plenty of soap and water.

S36/37: Wear suitable protective clothing and gloves.

3. Composition/information on ingredients

Mixture : Yes

Ingredient	CAS Number	Concentration
Benzene, 1,2,4-trimethyl-	000095-63-6	<1

Extreme pressure & friction reducing additive	Proprietary or N/A	<5
Naphtha (petroleum), heavy aromatic	064742-94-5	<100
Naphthalene	000091-20-3	<10
Organometallic Compounds	Proprietary or N/A	<5

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

4. First aid measures

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.
Eye Contact	Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
Skin Contact	Wash immediately with soap and water. Remove soiled clothing. Get medical attention if irritation develops. Launder contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.

5. Fire-fighting measures

Flash Point °C 63

Slightly Combustible. May release flammable vapors when heated above flash point.

Extinguishing Media	Carbon Dioxide, dry chemical, or foam. Avoid using water.
Combustion Products	Carbon monoxide and asphyxiants.
Special Fire Procedures	Recommend SCBA. Use water only for cooling container. Water may cause splattering, or transport the flame.

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, waterway and sewer systems.

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. Empty containers retain material residue. Do not cut, weld, braze, solder or expose containers to other ignition sources.

Storage Store in closed containers of proper construction. Store away from ignition sources and in areas of good ventilation.

8. Exposure controls and personal protection

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

Ventilation Use in areas of adequate ventilation. Use mechanical exhaust to control vapors or mists.

Gloves Nitrile or neoprene gloves are recommended.

Eye Protection Safety glasses, goggles, or face shield are recommended.

Respiratory Protection 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 sleeve shirt and apron when potential for skin contact. Wear neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.

9. Physical and chemical properties

Appearance	AMBER OILY LIQUID	Odor	Petroleum Odor
Flash Point °C	>63	Boiling Point °C	N/D
VOC %	96	pH	n/d
Specific Gravity	0.904	Solubility in Water	negligible
Vapor Pressure	<0.01 mmHg@20 °C	Vapor Density	Heavier than air.
Evaporation Point	less than ether		
Flammability	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.		

10. Stability and reactivity

Stability Material is normally stable at ambient temperature and pressure.

Conditions to Do not store with strong oxidizing agents. Keep away from heat,

Avoid sparks, open flame, or all sources of ignition.
Polymerization Will not occur.
Decomposition Carbon dioxide, carbon monoxide.

11. Toxicological information

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr
Benzene, 1,2,4-trimethyl-	----	----	----
Extreme pressure & friction reducing additive	----	----	----
Naphtha (petroleum), heavy aromatic	----	----	----
Naphthalene	----	----	----
Organometallic Compounds	1,320.00 ----	----	----
	4		

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.

Carcinogenicity

CAS Number	Ingredient		
000095-63-6	Benzene, 1,2,4-trimethyl-	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No;
		California OSHA	Listed: No
Proprietary or N/A	Extreme pressure & friction reducing additive	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No;
		California OSHA	Listed: No
064742-94-5	Naphtha (petroleum), heavy aromatic	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No;
		California OSHA	Listed: No

000091-20-3	Naphthalene	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No;
		California OSHA	Listed: No
Proprietary or N/A	Organometallic Compounds	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No;
		California OSHA	Listed: No

12. Ecological information

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

13. Disposal considerations

Consult federal, state and local regulations regarding disposal methods, recycle used oil. Do not contaminate used oil with solvents or other chemicals.

14. Transport information

See 49 CFR part 171.8 through 178.510

Proper Shipping Name Oil, n.o.s
Hazard Class Not regulated
UN No Not applicable
Packaging Group Not applicable
Marine Pollutant No
GHS Hazard Class Not applicable
GHS Shipping Information Not applicable
IMDG Not Regulated

15. Regulatory information

TSCA: All components of this product are listed on the United States TSCA (Toxic Control Substance Act) Inventory.
RCRA: Not RCRA regulated

DSL: All components of this product are listed on the Canadian Domestic Substances List (DSL).

SARA 311/312 (>0.1%): Not applicable

SARA 313 (>0.1%):

Benzene, 1,2,4-trimethyl-
Naphthalene

CERCLA (>0.1%):

Naphthalene

Inventory - Canada - Non-Domestic Substances List (NDSL): Not applicable

California Proposition 65 Cancer:

Naphthalene (<10 %)

California Proposition 65 Developmental: Not applicable

California Proposition 65 Female Reproductive: Not applicable

California Proposition 65 Male Reproductive: Not applicable

Inventory - Australia - Inventory of Chemical Substances (AICS):

Benzene, 1,2,4-trimethyl-
Extreme pressure & friction reducing additive
Naphtha (petroleum), heavy aromatic
Naphthalene

Inventory - Japan Existing and New Chemical Substances (ENCS):

Benzene, 1,2,4-trimethyl- (3-7; 3-3427)
Naphthalene (4-311)

Korean Existing Chemicals Inventory: Not applicable

Benzene, 1,2,4-trimethyl-
Naphthalene

Inventory of Existing Chemical Substances in China: Not applicable

Philippines Inventory of

Chemicals and Chemical Substances (PICCS) :

Benzene, 1,2,4-trimethyl-
Naphtha (petroleum), heavy aromatic
Naphthalene

Taiwan List of Toxic Chemical Substances regulated under Toxic Chemical Substances Control Act : Not applicable

EU REACH: Annex XVII, Dangerous Substances and Preparations: Not applicable

Inventory - European Union - European Inventory of Existing Commercial Chemical Substances (EINECS):

Benzene, 1,2,4-trimethyl- (202-436-9)
Naphtha (petroleum), heavy aromatic (265-198-5)
Naphthalene (202-049-5)

EU List of Notified Chemical Substances (ELINCS): Not applicable

Risk Phrases:

R43: May cause sensitisation by skin contact.

16. Other information

HMIS	Health:	1	NFPA	Health:	1
	Fire:	1		Fire:	1
	Physical Hazards:	0		Reactivity:	0
	PPE:	C		Special Hazards:	---

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