



Eco Global Solutions™

MATERIAL SAFETY DATA SHEET

SECTION 1

PREPARATION INFORMATION

Product Name:

EGS Heavy #F11000

SUPPLIER/MANUFACTURER

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

SECTION 2

HAZARD IDENTIFICATION OF PRODUCT

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



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Reproductive Toxicity	Not classified	Not applicable
Organic Peroxide	Not classified	Not applicable

Safety Phrases:

S1: Keep locked up

S23: Do not breathe vapor/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

SECTION 3

COMPOSITION/INFORMATION ON INGREDIENTS

Mixture: Yes

Ingredient	CAS Number	Concentration
1,2,4 Trimethyl-benzene:	000095-63-6	<1
Extreme pressure & friction reducing additive	064742-94-5	<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)

SECTION 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.

SECTION 5

FIRE-FIGHTING MEASURES

Flash Point	63°C. 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	Recommended SCBA. Use water only for cooling container. Water may cause splattering, or transport the flame.



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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, waterway 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. 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.

SECTION 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.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance Amber oily liquid **Odor** Petroleum Odor

Flash Point >63°C **Boiling Point** 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 of domestic shipments



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SECTION 10

STABILITY AND REACTIVITY

Stability	Material is normally stable at ambient temperature and pressure
Conditions to Avoid	Do not store with strong oxidizing agents. Keep away from heat, sparks, open flame, or all sources of ignition
Polymerization	Will not occur
Decomposition	Carbon dioxide, carbon monoxide

SECTION 11

TOXOLOGICAL INFORMATION

Ingredient	Oral LD50 mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr
1,2,4-trimethyl-benzene	----	----	----
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	OSHA	California OSHA
000095-63-6	1,2,4-trimethyl-benzene	Select carcinogen: No NTP Known: No; Suspected: No IARC Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No;	Listed: No
Proprietary or N/A	Extreme pressure & friction reducing additive	Select Carcinogen: No NTP Known: No; Suspected: No IARC Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No;	Listed: No



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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;
		California OSHA	Listed: No
000091-20-3	Naphthalene	OSHA	Selected 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	Selected 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

SECTION 12 ECOLOGICAL INFORMATION

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

SECTION 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.

SECTION 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



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SECTION 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
SARA 311/312 (>0.1%)	Not applicable
SARA 313 (>0.1%)	1,2,4-trimethyl-benzene Naphthalene
CERCLA (>0.1%)	Naphthalene
Inventory– Canada - Non-Domestic Substances List (NDSL)	Not applicable
California Prop 65 Cancer	Naphthalene (<10%)
California Prop 65 Developmental	Not applicable
California Prop 65 Female Reproductive	Not applicable
California Prop 65 Male Reproductive	Not applicable
Inventory - Australia - Inventory of Chemical Substances (AICS)	1,2,4-trimethyl-benzene Extreme pressure & friction reducing additive Naphtha (petroleum), heavy aromatic Naphthalene
Inventory - Japan Existing New Chemical Substances (ENCS)	1,2,4-trimethyl-benzene (3-7; 3-3427) Naphthalene (4-311)
Korean Existing Chemicals Inventory	Not applicable 1,2,4,-trimethyl-benzene Naphthalene
Inventory of Existing Chemical Substances in China	Not applicable
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	1,2,4-trimethyl-benzene Naphtha (petroleum), heavy aromatic Naphthalene



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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) 1,2,4-trimethyl-benzene (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 sensitization by skin contact

SECTION 16	OTHER INFORMATION
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HMIS	Health	1	NFPA	Health:	2
	Fire	1		Fire:	1
	Physical	0		Reactivity	0
	Hazards:			Special Hazards:	--
	PPE:	C			

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