

EGS Boost, # F10000

Product Code
EGS21128

MSDS Date
09/03/2009

1. Identification of the preparation and company

| | |
|--|--|
| Preparation/Product Name | EGS Boost, # F10000 |
| Product Code | EGS21128 |
| 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

This is a flammable liquid. Keep away from heat, sparks, open flames, and hot surfaces. Do not smoke near this container.

| | |
|--------------------------------|--|
| 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/m ³ 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 | MILD ODOR |
| Flash Point °C | >63 | Boiling Point °C | N/D |
| VOC % | 98 | pH | n/d |
| Specific Gravity | 0.890 | 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

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|----------------------------|---|
| 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. |

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: | 2 |
| | Fire: | 1 | | Fire: | 1 |
| | Physical Hazards: | 0 | | Reactivity: | 0 |
| | PPE: | C | | Special Hazards: | --- |

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