

**EGS EP Gear Oil ISO 220, # A03300**

**Product Code**  
EGS31059

**MSDS Date**  
05/07/2010

|   |
|---|
| <b>1. Identification of the preparation and company</b> |
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|  |  |
|--|--|
| <b>Preparation/Product Name</b>        | EGS EP Gear Oil ISO 220, # A03300  |
| <b>Product Code</b>                    | EGS31059   |
| <b>Company Name</b>                    | Eco Global Solutions<br>4500 Campus Drive, Suite #208<br>Newport Beach, CA 92660 |
| <b>Telephone No.</b>                   | (949) 955-1039   |
| <b>24 hour Emergency Telephone No.</b> | (800) 424-9300   |
| <b>General MSDS</b>                    | (949) 955-1039   |

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|--|
| <b>2. Hazard identification of the product</b> |
|--|

**GHS Classification:**

| <b>Item</b>                 | <b>Category</b> | <b>Hazard</b>  |
|-----------------------------|-----------------|----------------|
| Flammability                | Not classified  | Not applicable |
| 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   | Not classified  | Not applicable |
| Eye damage/irritation       | Not classified  | Not applicable |
| Sensitization (respiratory) | Not classified  | Not applicable |
|                             |                 |                |

|   |                |                                     |
|---|----------------|-------------------------------------|
| Sensitization (skin)  | Not classified | Not applicable                      |
| Germ toxicity   | Not classified | Not applicable                      |
| Specific target organ systemic toxicity (single exposure)   | 1              | No target organs for this category. |
|   | 2              | No target organs for this category. |
|   | 3              | No target organs for this category. |
| Specific target organ systemic Toxicity (repeated exposure) | 1              | No target organs for this category. |
|   | 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   | Not classified | Not applicable                      |
| Reproductive Toxicity                                       | Not classified | Not applicable                      |
| Organic Peroxide  | Not classified | Not applicable                      |

**Safety Phrases:** Not Applicable

### 3. Composition/information on ingredients

**Mixture :** Yes

| Ingredient   | CAS Number  | Concentration |
|--|-------------|---------------|
| Petroleum distillates, hydrotreated heavy paraffinic | 064742-54-7 | <50           |
| Residual oils (petroleum), solvent refined           | 064742-01-4 | <60           |

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

### 4. First aid measures

|                    |   |
|--------------------|---|
| <b>Inhalation</b>  | 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. |
| <b>Eye Contact</b> | 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** 215

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/m<sup>3</sup> for oil mists.

|                               |   |
|-------------------------------|---|
| <b>Ventilation</b>            | Use in areas of adequate ventilation. Use mechanical exhaust to control vapors or mists.  |
| <b>Gloves</b>                 | Nitrile or neoprene gloves are recommended.   |
| <b>Eye Protection</b>         | Safety glasses, goggles, or face shield are recommended.  |
| <b>Respiratory Protection</b> | 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. |
| <b>Clothing</b>               | 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

|                          |                   |                            |                   |
|--------------------------|-------------------|----------------------------|-------------------|
| <b>Appearance</b>        | BROWN OILY LIQUID | <b>Odor</b>                | Petroleum Odor    |
| <b>Flash Point °C</b>    | >215              | <b>Boiling Point °C</b>    | >325              |
| <b>VOC %</b>             | NIL               | <b>pH</b>                  | n/d               |
| <b>Specific Gravity</b>  | 0.886             | <b>Solubility in Water</b> | negligible        |
| <b>Vapor Pressure</b>    | <0.01 mmHg@20 °C  | <b>Vapor Density</b>       | Heavier than air. |
| <b>Evaporation Point</b> | less than ether   |                            |                   |
| <b>Flammability</b>      | Not applicable    |                            |                   |

## 10. Stability and reactivity

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

## 11. Toxicological information

| Ingredient   | Oral LD50, mg/kg            | Skin LD50, mg/kg               | Inhalation Vapor LD50, mg/L/4hr |
|--|-----------------------------|--------------------------------|---------------------------------|
| Petroleum distillates, hydrotreated heavy paraffinic | > 5,000, Rat - Category: NA | > 5,000, rabbit - Category: NA | -----                           |
| Residual oils (petroleum), solvent refined           | -----                       | -----                          | -----                           |

**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   |                 |  |
|-------------|--|-----------------|--|
| 064742-54-7 | Petroleum distillates, hydrotreated heavy paraffinic | 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   |
| 064742-01-4 | Residual oils (petroleum), solvent refined           | 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 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%):** Not applicable

**CERCLA (>0.1%):** Not applicable

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

### California Proposition 65

#### Cancer:

Cadmium (<0.01 %)

Ethyl acrylate (<0.01 %)

Lead (<0.01 %)

### California Proposition 65

#### Developmental:

Cadmium (<0.01 %)

Lead (<0.01 %)

### California Proposition 65

#### Female Reproductive:

Lead (<0.01 %)

### California Proposition 65 Male

#### Reproductive:

Cadmium (<0.01 %)

Lead (<0.01 %)

### Inventory - Australia -

#### Inventory of Chemical

#### Substances (AICS):

Olefin Sulfide

Petroleum distillates, hydrotreated heavy paraffinic

Residual oils (petroleum), solvent refined

### Inventory - Japan Existing and

#### New Chemical Substances

#### (ENCS):

Petroleum distillates, hydrotreated heavy paraffinic ()  
Residual oils (petroleum), solvent refined ()

### **Korean Existing Chemicals**

#### **Inventory:**

Petroleum distillates, hydrotreated heavy paraffinic  
Residual oils (petroleum), solvent refined

#### **Inventory of Existing Chemical Substances in China:**

Olefin Sulfide  
Petroleum distillates, hydrotreated heavy paraffinic  
Residual oils (petroleum), solvent refined

#### **Philippines Inventory of Chemicals and Chemical Substances (PICCS) :**

Olefin Sulfide  
Petroleum distillates, hydrotreated heavy paraffinic  
Residual oils (petroleum), solvent refined

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

#### **EU REACH: Annex XVII, Dangerous Substances and Preparations:**

Petroleum distillates, hydrotreated heavy paraffinic  
Residual oils (petroleum), solvent refined

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

Olefin Sulfide ()  
Petroleum distillates, hydrotreated heavy paraffinic (265-157-1)  
Residual oils (petroleum), solvent refined (265-101-6)

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

**Risk Phrases:** Not Applicable

## **16. Other information**

|             |                          |   |             |                         |     |
|-------------|--------------------------|---|-------------|-------------------------|-----|
| <b>HMIS</b> | <b>Health:</b>           | 1 | <b>NFPA</b> | <b>Health:</b>          | 1   |
|             | <b>Fire:</b>             | 1 |             | <b>Fire:</b>            | 1   |
|             | <b>Physical Hazards:</b> | 0 |             | <b>Reactivity:</b>      | 0   |
|             | <b>PPE:</b>              | C |             | <b>Special Hazards:</b> | --- |

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