MATERIAL SAFETY DATA SHEET

1. Product name and Company identification

Product Name: EASTTO SEMI SYNTH CUTTING OIL
Product Use: Industrial Semi synthetic cutting oil
Supplier: Eastern Petroleum Pvt. Ltd
Telephone No.: 91-22-2743 1694, 91-22-2743 3819.
Email: sales@easternpetroleum.in

2. Composition / Information of Ingredients

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>CAS Number</th>
<th>% by wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral base oil</td>
<td>64742-65-0</td>
<td>40 - 70</td>
</tr>
<tr>
<td>Proprietary additives</td>
<td>Mixture</td>
<td>20 - 25</td>
</tr>
<tr>
<td>Water</td>
<td>-----</td>
<td>10 - 15</td>
</tr>
</tbody>
</table>

3. Hazards identification

Physical state: Liquid
Human Health Effects:
- Eyes: Not expected to cause irritation
- Skin: May cause mild skin irritation if prolonged used.
- Inhalation: Not expected to cause any side effect while inhalation

4. First Aid Measures

Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Skin contact: Immediately wash affected area with soap and water. Remove contaminated clothing and shoes. Get medical attentions if a symptom occurs.
Eye contacts: In case of contact immediately wash eyes with plenty of water.
Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantities of this material have been swallowed, call a physician immediately. Get medical attention if symptoms occur.

5. Fire-fighting Measures

Flammability of product: Not combustible liquid
Extinguishing Media:
- Suitable: Use dry chemical, carbon dioxide (CO₂), or foam
- Not suitable: Do not use water.

6. Accidental Release Measures

Personal precautions: Wear suitable protection clothing and equipment. Remove contaminated clothes as soon as possible.
Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

EASTTO SEMI SYNTH CUTTING OIL
Revision No. 3
Date of issue: 10.11.2014
Date of revision: 17.08.2016
Clean up method - small spillage:
Absorb liquid with sand or earth, sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulation.

Clean up methods – large spillage:
Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Dispose of as for small spills.

7. Handling and Storage

Handling:
Handle in accordance with good industrial hygiene and safety practices. If handled at elevated temperatures or with high speed mechanical equipment, vapors or mists might be released and require a well ventilated workplace.

Storage:
Store at ambient temperature or with lowest necessary heating as required for ease of handling.

8. Exposure Controls / Personal Protection

Control parameters:
Use under well ventilated areas whenever sprayed.

Personal protection equipment:

Respiratory protection:
Avoid inhalation use suitable mask with filter if necessary.

Hand protection:
Wear oil-resistant protective gloves if there is a risk of skin contact.

Eye protection:
Use protective gloves.

Skin and body protection:
Use protective cloths and gloves.

Hygienic measures:
Act in accordance with good industrial Hygiene and safety practice.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>CHARACTERISTICS</th>
<th>EASTTO SEMI SYNTH CUTTING OIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>Mild</td>
</tr>
<tr>
<td>Colour</td>
<td>Yellow</td>
</tr>
<tr>
<td>Sp. Gravity @ 30 °C gm/ml</td>
<td>1.03</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>soluble</td>
</tr>
<tr>
<td>pH(NEAT)</td>
<td>9.3</td>
</tr>
<tr>
<td>Flash point °C</td>
<td>N.A</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

Reactivity and stability:
Stable at normal conditions and decomposes at higher temperature.

Conditions to avoid:
Excessive heating and highly oxidizing agents.

Hazardous decomposition products:
Upon Combustion, CO₂, CO and oxides of Sulphur and Nitrogen are generated.

Hazardous polymerization:
Under normal conditions of storage and use, polymerization will not occur.

11. Toxicological Information

Potential chronic health effects:
No known significant effects or critical hazards.

12. Ecological Information

Environment effect:
Will not have chronic effect on aquatic environment.

13. Disposal considerations

Waste disposal procedure:
Place contaminated materials in a disposable container and dispose of in accordance with Local, State environmental regulations and contact local environment and health authorities to get the permission for waste disposal.

14. Transport Information

Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO)
15. Regulatory Information
   Not classified as hazardous

16. Other Information
   The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material in combination with any other materials or in any process, unless specified in the text.