

MATERIAL SAFETY DATA SHEET

1. Identification of the Substance/ Preparation and the Company / Undertaking.

Product Name : EASTTO MOSQUITO LARVAECIDAL OIL
 Product Type : MOSQUITO LARVAECIDAL OIL
 Product Use : PRODUCT FILM INHIBITS LARVICIDAL GROWTH ON STAGNANT POOLS

Supplier : EASTERN PETROLEUM PRIVATE LIMITED
 235-239, JAWAHAR INDUSTRIAL ESTATE, KAMOTHE, PANVEL,
 DIST RAIGAD, MAHARASHTRA: 410209.

Emergency information
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2. Composition / Information of Ingredients:

A blend of mineral oils & performance additives.

3. Hazards identification

Non- dangerous petroleum.

Human Health: The product is of low dermal toxicity and under normal conditions of use, should not present any significant health hazard. Inhalation of vapours may cause coughing or difficulty in breathing. Prolonged skin contact will cause its de-oiling and irritation.

Physical and chemical Hazard: At elevated temperatures flammable vapours and decomposition products will be released.

4. First Aid Measures

General advice: Handle in accordance with good industrial hygiene and safety practices. Launder contaminated clothing.

Inhalation: Deep Inhalation of mists, fumes or vapours may cause irritation and difficulty in breathing. Move to fresh air. If the symptoms persist, seek medical advice.

Skin contact: wash off with mild soap and plenty of luke warm water.

Eye contact: Rinse with plenty of luke warm water. Consult ophthalmologist.

Ingestion: Clean mouth with water. Do not induce vomiting. If vomiting occurs, lower head below waste to prevent fluids from entering the lungs. Never give anything by mouth to an unconscious person. Call a physician. Avoid drinking of water. Obtain medical advice.

5. Fire-fighting Measures

Suitable extinguishing Media: Extinguish fire preferably with dry chemical, sands, earth, water fog, or foam. Do not use water spray, lest it forms steam.

Extinguishing media which must not be used for safety reasons: Water (risk caused by its conversion to steam)

Explosion Hazards: None expected

Protection wear for Fire Fighters: Wear fire fighting clothing (helmet, coat, trousers, boots, gloves)

6. Accidental Release Measures

Personal precautions: Wear suitable protection clothing and equipment. Remove Contaminated clothes as soon as possible.

Environmental precautions: Prevent large quantity spills to enter and spread to drains, sewers, water courses and soil. Collect floating material

Methods for cleaning up: Contain leaking product with sand, earth or other suitable inert materials. Dispose according to Clause 13.

7. Handling and Storage

Handling: Handle in accordance with good industrial hygiene and safety practices. Keep neat product away from heat, lest vapors or mist is released which requires a well ventilated workplace.

Storage: Store at ambient temperature upto 60°C or with lowest necessary heating. May soften certain rubber parts. Avoid sparks or open flames. Keep containers tightly closed after use.

8. Exposure Controls / Personal Protection

Control parameters: Exposure via the air and abnormal handling.

Engineering measures to



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an ISO 9001-2008 certified company

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Reduce exposure:

Mechanical ventilation with flame-proof fittings and natural exhaust will reduce exposure via the air. Use oil resistant material in white fabricating handling equipment. Store under recommended conditions and if heated, temperature control equipment should be used to avoid overheating.

Personal protection equipment:

- Respiratory protection : If necessary, use suitable mask with filter.
- Hand protection : Wear oil-resistant protective gloves if there is a risk of repeated skin contact.
- Eye protection : To avoid the effect of splashes wear safety goggles.
- Skin and body protection : Wear protective clothing if there is a risk of skin contact and change them frequently.
- Hygienic measures : Act in accordance with good industrial Hygiene and safety practice.
- Note : The product should not be used for any other purpose than that Covered in section 1.

9.Physical and Chemical Properties of EASTTO MOSQUITO LARVICIDAL OIL – NON INSECTICIDES

CHARACTERISTICS	EASTTO MLO NON INSECTICIDES
Appearance & Colour	Clear yellowish to brown liquid
Flash Point,°C @ PMCC	Above 70
Film Stability for minimum 2 hours	Passes
Spreading Pressure min	18 dyes/cm
Solubility in water	Negligible

10. Stability and Reactivity

- Stability : Stable at normal conditions. Starts to vaporise at 100°C or higher.
- Avoid: Excessive heating and highly oxidizing agents.
- Hazardous decomposition products: Upon Combustion, CO₂, CO and oxides of Sulphur and Nitrogen are generated.

11. Toxicological Information

- Acute toxicity : Data Not Available
- Eye contact: May cause mild eye irritation based on animal data.
- Skin contact: Generally non-irritant on accidental contact. Prolonged or repeated contact leads to de-oiling of skin and subsequent irritation.
- Oral : May cause nausea and eventually vomiting.
- Ingestion: Hazardous in case of ingestion.
- Inhalation : Prolonged inhalation of vapours or mist may irritate respiratory tract.

12. Ecological Information

- Ecotoxicity: Data Not available.
- BODS and COD: Data Not available.
- Environment Mobility: When released to soil, adsorption in sediment is a predominant behaviour.

13. Disposal considerations

Mineral oils are treated as hazardous waste. Residues/contaminated packaging should also be regarded as hazardous waste and be taken care of in accordance with local regulations. Flush small spillage with plenty of water, absorb large spillage in sand and incinerate in safe area

14. Transport Information

It is not classified as hazardous for transportation

15. Regulatory Information

No statutory regulations require special labeling. Observe normal safety regulations when handling petroleum products.

16. Other Information

The information provided in this Safety Data Sheet (S.D.S) is provided in good faith and is correct to the best of our knowledge, information, and belief at the date of its publication. This is because of varied use conditions from location to location which may also differ from time to time. Thus no claims can be made as to the completeness or accuracy of the information provided above. The general information given is designed as a guide for safe handling, use, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific materials designated and may not be valid for such material in combination with any other materials or in any process, unless specified in the text. The recipient is therefore responsible for determining appropriateness of the provided information in the operation and no warranty express or implied is given.

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