Ozone Biotech INDIA
Plot No. 6, Mathura Road,
Faridabad, Haryana 121003

EMERGENCY TELEPHONE NUMBER + 91 0129 4196800

PRODUCT INFORMATION

Trade Name: Ozoneem Trishul 1% EC,
Description: Insect Growth Regulator / Botanical Extract Insecticide
Active Ingredients: 1.0 Wt % Azadirachtin
Inert Ingredients: Proprietary solvent / surfactant blend

CAS Number: Azadirachtin A -11141-17-6
                     Azadirachtin B -95507-03-2
OSHA PEL: Not Established

DOT Shipping Name: NA
DOT Hazard Class: Not Regulated
Technical Shipping Name: Neem EC 10000ppm (1%)

ACGIH TLV: Not Established

PHYSICAL DATA

Boiling Point: > 200°C
Specific Gravity: 0.94 – 1.2
Vapor Density: Not Determined
Water Solubility: Emulsifiable in water
Molecular Weight: 720 (Azadirachtin A)
                   662 (Azadirachtin B)
Acidity: < 0.24
pH: 6 – 6.5
Evaporation Rate: Not Determined
Odor: Characteristic Neem fragrant odor
Appearance: Brown viscous liquid
Empirical Formula: C₃₅ H₄₄ O₁₆ (Azadirachtin A)
                   C₃₃ H₄₂ O₁₄ (Azadirachtin B)

HEALTH HAZARDS / EFFECTS

Hazard Statements: CAUTION Keep out of Reach of Children
Exposure Signs and Symptoms: Unknown
Medical Conditions Aggravated by Exposure: Unknown
Threshold Limit Value: Unknown
Routes of Entry: Eyes, skin, oral, inhalation
NTP Listing: Not Listed
Carcinogen: No
HEALTH HAZARDS:

Acute Toxicity:  
- Acute oral - Rat LD 50 >5000 mg/kg  
- Acute Dermal-Rat LD 50>2000 mg/kg  
- Inhalation-Rat LC 50>5.4 mg/L  
- Primary Eye Irritation-Rabbit> No Irritation  
- Primary skin Irritation-Rabbit>Mild  
- Skin Sensitization-Guinea Pig> No sensitization

Chronic Toxicity:  
- Mutation Assay - Non-Mutagenic  
- Neuro-toxicity - No Neuro-toxicity  
- Reproductive Toxicity - NOAEL 5000 mg/kg  
- Carcinogen city - Non Carcinogenic  
- Effect on spray operators - No adverse effects

HEALTH PROTECTION MEASURES

Respiratory Protection:  
NIOSH approved organic vapor respirator.

Ventilation:  
Use under well ventilated conditions.

Protective Clothing:  
Long -sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves.

Eye Protection:  
Safety goggles recommended.

Hygienic Practices:  
Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not re-use them.

FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point:</td>
<td>&gt;24.5°C</td>
<td>LEL:</td>
</tr>
<tr>
<td>Flammable Limits:</td>
<td>Not Determined</td>
<td>UEL:</td>
</tr>
<tr>
<td>Extinguishing Media:</td>
<td>Polymer Foam, Dry Chemical</td>
<td>Special fire fighting</td>
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<tr>
<td></td>
<td></td>
<td>Procedures:</td>
</tr>
</tbody>
</table>

REACTIVITY DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous Decomposition:</td>
<td>None known</td>
<td>Stability:</td>
<td>Stable</td>
</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td>Will not occur</td>
<td>Condition to Avoid:</td>
<td>Open flame, temperatures above 95°F and direct sunlight</td>
</tr>
<tr>
<td>Materials to avoid:</td>
<td>Acid, Alkali or Oxidizing Agents</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SPILL, DISPOSAL, AND STORAGE PROCEDURES

If Material is Spilled or Released:
Recover free product. Use absorbent material to minimize runoff of mixed product.

Waste Disposal Method:
This product may be hazardous to fish and aquatic invertebrates. Do not contaminate water when cleaning equipment or disposing of equipment wash waters. Rinse water and unused diluted product may be disposed of on site or in an approved waste disposal facility.

Method of Storage:
Do not store above 95°F

EMERGENCY AND FIRST AID PROCEDURES

Skin: Wash with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.

Eyes: Immediately flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation persists.

Inhalation: Remove victim to fresh air. Get medical attention of irritation persists.

INFORMATION ORIGIN

Ozone Biotech

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