OZONEEM TRISHUL 0.15%  
MATERIAL SAFETY DATA SHEET

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

EMERGENCY TELEPHONE NUMBER + 91 0129 4196800

PRODUCT INFORMATION

Trade Name: Ozoneem Trishul 0.15% EC  
Description: Insect Growth Regulator / Botanical Extract Insecticide  
Active Ingredients: 0.15 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  
Technological Shipping Name: Neem EC 1500ppm  
(0.15%)

ACGIH TLV: Not Established

PHYSICAL DATA

Boiling Point: > 200°C  
Specific Gravity: 0.8 – 0.97  
Vapor Density: Greater than air  
Water Solubility: Emulsifiable in water  
Molecular Weight: 720 (Azadirachtin A)  
662 (Azadirachtin B)  
Acidity: < 0.24  
pH: 6.5 – 7.5  
Evaporation Rate: Not Determined  
Odor: Characteristic Neem fragrant odor  
Appearance: Brown Viscous Liquid  
Empirical Formula:  
C_{35}H_{44}O_{16} (Azadirachtin A)  
C_{33}H_{42}O_{14} (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

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HEALTH PROTECTION MEASURES

Respiratory Protection: No Special Requirement.

Ventilation: No Special Ventilation Requirement

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

REACTIVITY DATA

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous Decomposition:</td>
<td>None known</td>
</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td>Will not occur</td>
</tr>
<tr>
<td>Stability:</td>
<td>Stable</td>
</tr>
<tr>
<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>
</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

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Date Prepared: September 2012

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