

## MATERIAL SAFETY DATA SHEET

**OZONEEM TRISHUL 300 PPM EC (0.03%)**

**(NEEM BASED NATURAL PRODUCT)**

### SECTION 1

#### **MANUFACTURER INFORMATION**

##### **Ozone Biotech**

(A Division of Shivanshu Sintered Products Pvt. Ltd.)

Plot No. 6, 14/3, Mathura Road,

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Date Prepared: December 2005

### SECTION 2

#### **Hazardous Ingredients**

Contains no hazardous mixtures

### SECTION 3

#### **Physical Data & Ingredients**

Physical State at STP .....	: Liquid	pH .....	: 6.5 – 7.5
Appearance .....	: Brownish Yellow	Specific Gravity .....	: 0.9137
Odor .....	: Garlic	Solubility in Water .....	: Slightly Soluble
Boiling Point .....	: > 200°C	Vapor Pressure at 20°C .....	: <1.33 EE-5Pa
Melt/Freeze Point .....	: 13°C	Vapor Density .....	: Greater than air

### SECTION 4

#### **FIRE AND EXPLOSION DATA**

Flash Point .....	: > 115°C
Extinguishing Media to Use .....	: Dry Chemicals, CO <sub>2</sub> , Water or Foam
Special Fire Fighting Procedures .....	: None
Unusual Fire & Explosion Risk .....	: None
Incompatibility .....	: None Noted
Hazardous Decomposition Products .....	: N / A
Conditions to Avoid .....	: None

## **SECTION 5**

### **REACTIVITY DATA**

Stability : Stable at ordinary conditions of use and storage  
Conditions to avoid : High temperature or sunlight or light quickly degrade the material  
Materials to Avoid : Acids, alkali or oxidizing agents.  
Hazardous Decomposition : No hazardous materials are produced  
Hazardous polymerization : Not occur

## **SECTION 6**

### **Health Hazard Data**

Effects of Over-Exposure: None Noted.

Acute Eye Contact ..... : May cause mild, reversible eye irritation  
Chronic Eye Contact ..... : Chronic exposure not likely from normal use.  
Acute Skin Contact ..... : May cause mild, reversible skin irritation. LD50 >2g/kg  
Chronic Skin Contact ..... : Repeated exposure may cause mild sensitization  
Acute Ingestion ..... : LD50 >5g /kg  
Chronic Ingestion ..... : Chronic exposure not likely from normal use.  
Carcinogenicity ..... : NTP: N/A IARC: N/A OSHA: N/A

Medical Conditions Aggravated by Exposure: None Noted.

## **SECTION 7**

### **SIGN AND SYMPTOMS OF EXPOSURE**

Inhalation : May be irritating to mucous membrane and excessive exposure may result in drowsiness  
Ingestion : May cause drowsiness  
Skin Contact : May cause mild irritation  
Eye Contact : May cause mild irritation  
Chronic Exposure : Chronic exposure may cause various implications

## **SECTION 8**

### **EMERGENCY AND FIRST AID PROCEDURE**

If Swallowed: Less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, drink one or two glasses of water and get medical attention.  
Skin Exposure: Wash with soap and water. Get medical attention if irritation develops or persists.  
Eye Exposure : Flush eyes with plenty of water. Get medical attention if irritation persists.  
If Inhaled: Remove to fresh air. Get medical attention if irritation persists.

## SECTION 9

### SPILL OR LEAK PROCEDURES

- Environmental Hazard: Do not apply directly to water, or to areas where surface water is present. This product is toxic to bees exposed to direct treatment.
- Spillage : Absorb the liquid and scrub the area with detergent and water. Avoid runoff into storm sewers and ditches that lead to waterways
- Waste Disposal Method: Wastes resulting from the use of this product may be disposed of onsite or at an approved waste disposal facility.

## SECTION 10

### Special Protection Information

- Respiratory Protection ..... : No special requirements.
- Ventilation ..... : No special ventilation requirements.
- Eye Protection ..... : Use of safety goggles is recommended.
- Skin Protection ..... : Use of rubber gloves is recommended.

## SECTION 11

### Handling & Storage Conditions

- Storage Temperature (Min /Max.) : 13<sup>o</sup>C / 35<sup>o</sup>C
- Shelf Life ..... : Stable under normal storage conditions for upwards of two years
- Special Sensitivity ..... : Keep from freezing.
- Handling & Storage Precautions. : None.

## SECTION 12

### Transportation Information

- D.O.T Proper Shipping Name ..... : N / A
- Technical Shipping Name ..... : Neem EC 300 ppm (0.03 %)
- D.O.T. Hazard Class ..... : N / A

## SECTION 13

### OTHER PRECAUTIONS

- Shipping Name : [Neem Based Insecticide](#)
- Shipping Containers Markings : Neem Based Insecticide
- Shipping Container Labels : Neem Based Insecticide
- Special Instructions : No special instruction on handling required
- Flammability : Non flammable
- Transport by Air : Safe for Air Transport

## **SECTION 14**

### **CONTROL MEASURES**

Respiratory Protection	: Use spraying clothing's to avoid spray mist direct contact
Protective Gloves	: Wear protective gloves
Eye protection	: Wear safety goggles
Ventilation	: Thorough ventilation is recommended in case of accidental spillage
Work Practices	: Observe good personnel hygiene. Wash hands after usage of the product

## **SECTION 15**

### **Regulatory Information**

Designation: Eco-friendly Neem Based Insecticide of Plant Origin  
: Non Hazardous Material

## **SECTION 16**

### **Information Origin**

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