

# **MATERIAL SAFETY DATA SHEET**

## **PRODUCT NAME: VERTIMITE**

### **1. IDENTIFICATION OF SUBSTANCE:**

- i. Product Details:  
Trade Name: Vertimite
- ii. Manufacturer / Supplier:  
Ceres Organics Pvt Ltd  
Mumbai, Maharashtra, India
- iii. Use:  
Insect and pest controlling and repelling agent

### **2. HAZARDS IDENTIFICATION:**

Even natural materials and its formulations may be hazardous. Hence one has to handle such products with care especially while mixing and applying the formulation.

### **3. FIRST AID MEASURES:**

- i. After Skin Contact: Wash with soap and rinse with water
- ii. After Eye Contact: Rinse with plenty of water, get medical attention if required
- iii. Ingestion: Do not induce vomiting, call a physician

### **4. FIRE FIGHTING MEASURES:**

- i. Extinguishing Agents: Carbon dioxide or polymer foam
- ii. Fire and explosion hazards: Carbon Dioxide and carbon monoxide

### **5. ACCIDENTAL RELEASE MEASURE:**

- i. Wear safety glasses and rubber gloves
- ii. Collect material, flush leftovers with water while cleaning

### **6. HANDLING AND STORAGE:**

- i. Handling: No further requirements
- ii. Storage: Keep cool and dry. Avoid direct sunlight.

### **7. EXPOSURE CONTROLS AND PERSONAL PROTECTION:**

- i. Critical Values:  
TLV (Threshold Limit Value): Not established
- ii. General Protective and Hygiene Measures:  
Keep away from food, feed and beverages. Wash hands after usage.

### **8. PHYSICAL AND CHEMICAL PROPERTIES:**

- i. Form: Viscous liquid
- ii. Colour: Dark Brown to Black
- iii. Smell: Turmeric like
- iv. Boiling Point: More than 100 °C

- v. Flash Point: 170 °C
- vi. Self-Inflammability: Not self igniting
- vii. Danger of Explosion: Non explosive
- viii. Solubility in Water: Completely soluble in water
- ix. pH value: 7.00 ± 1.00

**9. STABILITY AND REACTIVITY:**

- i. Conditions to Avoid: High temperature and sunlight
- ii. Materials to Avoid: Acids, alkalis and oxidising agents
- iii. Dangerous Products of Decomposition: None

**10. ECOLOGICAL INFORMATION:**

- i. Effect on Honeybees: Harmless
- ii. Effect on Earthworms: Harmless
- iii. Effect on Predators: Harmless
- iv. Hazard on Soil Microflora: Non hazardous
- v. Metabolism on Soil: Rapid decomposition in soil
- vi. Degradability in water: Readily biodegradable

**11. DISPOSAL CONSIDERATIONS:**

Disposal to be made according to official regulations. Do not allow material to contaminate the surrounding area and the ground water.

**12. TOXICOLOGICAL INFORMATION:**

Non Toxic

**13. TRANSPORT INFORMATION:**

No hazardous material in regard to transport regulations

**14. REGULATORY INFORMATION:**

- i. Designation According to EC Guidelines:  
No hazardous material
- ii. National Regulations:  
Non water hazardous material (On estimation)
- iii. Further Regulations:  
The guidelines for the prevention of accidents according to local regulations have to be followed

**15. OTHER INFORMATION:**

Origin of the issued data:  
Ceres Organics Pvt Ltd (India)

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.