

# MSDS

## Anti-ant Plastic Auxiliary Safety Data Sheet

### 1. Chemical and enterprise identification

1.1 Product: Anti-ant Plastic Auxiliary

1.2 Enterprise status:

1.2.1 Factory: Tonglu Leitai Biotechnology Co., Ltd.

Tel: 008657169968168 Fax: 008657169968178 Address: No. 195 , Xihuan Road, Hengcun Town, Tonglu County, Hangzhou City, Zhejiang Province, China

1.2.2 Tel of inquiry office: 013905772710 Fax: 008657169968168

1.2.3 Emergency telephone: 013806550988 Fax: 008657169908666

### 2. Ingredient / Composition Information

2.1 Ingredient: Composition of Pyrethrin and Carbamate

### 3. Risk overview

3.1 Hazard category: Class 6.1 toxic substances

3.2 Invasion route: Inhalation, ingestion, percutaneous inhalation.

3.3 Health hazards: The clinical manifestations of acute poisoning include headache, dizziness, fatigue, severe nausea, abdominal pain, sweating, etc. Mild decrease in blood cholinesterase activity. In general, the disease is milder, the course of the disease is shorter, and the recovery is faster.

Environmental Hazards: Hazardous to the environment. Can cause pollution to water bodies.

### 4. First aid measures

Skin Contact: Immediately leave the site and remove all contaminated clothing. Immediately wash contamination with soap and water.

Eye Contact: Lift eyelids and rinse thoroughly with running water or physiological. seek medical attention.

Ingestion : Drink enough warm water to induce vomiting. Thorough gastric lavage with water or 2% sodium bicarbonate solution. If symptomatic, treat with atropine. seek medical attention.

### 5. Fire protection measures

Hazardous combustion products: carbon monoxide, carbon dioxide, nitrogen oxides.

Extinguishing method: Firefighters put out the fire from the upwind direction, remove the container from the fire site as much as possible, and spray water to cool the container until the fire disappears. Containers in fire that have discolored or produce noise from safety pressure relief devices must be evacuated immediately. Extinguishing media: foam, dry powder, sand.

Fire-fighting precautions: Firefighters wear gas masks and fire-fighting clothing.

#### 6. Emergency treatment of leakage

Emergency Action: Cut off the source of ignition. It is recommended that emergency personnel wear dust masks (full face masks) and protective clothing. Do not come into direct contact with spillage. Small spills: Collect with a clean shovel in a dry, clean, covered container. It can also be washed with plenty of water, diluted with the washing water and put into the waste water system. Large spill: Collect for recycling or transport to waste disposal site for disposal.

#### 7. Handling and storage

Handling precautions: The operation site should be ventilated. It is recommended that operators wear dust respirators, protective work clothes and protective gloves. Smoking is strictly prohibited in the workplace. Avoid contact with oxidants. When handling, it should be lightly loaded and unloaded to prevent damage to packaging and containers, and equipped with corresponding types and quantities of fire-fighting equipment and leakage emergency treatment equipment. Empty containers may be harmful residues. Storage Precautions: Store in a cool, ventilated warehouse. Package is sealed. It should be stored separately from oxidants, and should not be mixed. Equipped with the appropriate variety and quantity of fire equipment. Storage areas should be provided with suitable materials to contain spills.

#### 8. Exposure control / personal protection

Maximum allowable concentration: Chinese MAC ( mg/m<sup>3</sup> ) ; not formulated former Soviet Union MAC ( mg/m<sup>3</sup> ) ; not formulated

Monitoring methods: no data available

Engineering Controls: Local exhaust. Safety showers and eye wash facilities are provided.

Respiratory protection: It is recommended to wear a dust mask during production and operation.

Eye Protection: Wear goggles.

Body Protection: Wear general work clothes.

Hand Protection: Wear general gloves.

Other protection: Smoking, eating and drinking are prohibited in the workplace. After work, shower and change. Work clothes are not allowed to be brought to non-work places. Store poison-contaminated clothes separately and wash them for later use. Practice good hygiene.

#### 9. Physical and chemical properties

Appearance and properties: white or reddish solid (powder)

PH value: no information Melting point (°C): 86-90

Relative density (water =1): no data Boiling point (°C): 145-149

Solubility: soluble in various organic solvents.

Main use: used as anti-termite agent for wire and cable plastic sheathing

material.

#### 10. Stability and reactivity

Stability: stable

Incompatible materials: strong oxidizing agents

Conditions to Avoid: High heat, flame

Hazards of Aggregation: No Aggregation

Decomposition products: carbon monoxide, carbon dioxide, nitrogen oxides

#### 11. Toxicological information

Acute toxicity; LD50 ; > 1200mg/kg (oral in rat);

LC50 : No information available

Irritant: no irritation

#### 12. Ecological information

Ecotoxicity: No information available

Biodegradability: No information available

Other adverse effects: No information available

#### 13. Disposal

Type of waste: no information available

Disposal method: It is recommended to use incineration for disposal

Disposal Notes: Please refer to relevant national and local regulations before disposal

#### 14. Transportation information

Dangerous goods number: no information

UN number: No information available

Packaging Sign: Toxic

Packing category: no information

Packing method: no information

Transportation precautions: Before transportation, check whether the packaging container is complete and sealed. During transportation, make sure that the container does not leak, collapse, fall, or be damaged. It is strictly forbidden to mix with acids, oxidants, food and food additives. should be in transit

Anti-exposure, rain, high temperature.

#### 15. Regulatory information

Chinese regulations: Regulations on the Safety Management of Hazardous Chemicals (issued by the State Council on January 26 , 2002 ), Regulations on the Safe Use of Chemicals in the Workplace ([1996] Ministry of Labor No. 423 ) and other regulations.