

Material Safety Data Sheet

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Section 1 Product and Supplier Information



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Emergency Phone Numbers:
1-800-424-9300
Chemtrec (North America) emergency
number

1-703-527-3887
Chemtrec(International) emergency
number

506-2244-8287, 506-2244-8337
Chemtica Internacional

Product Name: Tuta absoluta Lure
Product Code: P214-Lure 0.5 mg

This product consists of a formulation in a rubber dispenser of E3, Z8, Z11-tetradecatrienyl acetate and E3, Z8-tetradecadienyl acetate, pheromone components of Tomato Leaf Miner (*Tuta absoluta*). This product is further sealed in an impermeable bag for shipping and storage. The product is intended for use in crops as an attractant for the Tomato Leaf Miner (*Tuta absoluta*).

Section 2 Hazards Identification for Active Ingredients

Emergency Overview

May be irritating to skin and eyes.

HMIS® Rating
Health: 1
Flammability: 0
Reactivity: 0

Section 3: Composition / Information on Ingredient

Chemical Name: E3, Z8, Z11-tetradecatrienyl acetate
CAS #: [163041-94-9]
Molecular formula: C₁₆H₂₆O₂

Chemical Name: E3, Z8-tetradecadienyl acetate
CAS #: [163041-87-0]
Molecular formula: C₁₆H₂₈O₂

Section 4 First Aid Measures for Active Ingredient

Oral Exposure: Rinse your mouth with sufficient water.

Inhalation Exposure: Active ingredient emitted at less than 0.01mg/day. Therefore active ingredient difficult to inhale in formulated product.

Dermal Exposure: In case of skin contact resulting in irritation flush with copious amounts of water for at least 15 minutes..

Eye Exposure: In case of contact with eyes resulting in irritation flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers..

Section 5 Fire Fighting Measures

Formulated Product

Flash Point: N/A

Autoignition Temperature: N/A

Flammability: N/A

Extinguishing Media: Water spray. Carbon dioxide, dry chemical powder or appropriate foam.

Firefighting: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s): Formulation combustible. Emits toxic fumes under fire conditions.

Section 6 Accidental Release Measures

Procedure to be followed in case of leak or spill: Pick up the rubber devices and collect or dispose of in approved manner.

Procedure(s) of personal precaution(s): No protective apparatus necessary for clean-up.

Methods for cleaning up: Pick up material and dispose of in approved manner.

Section 7 Handling and Storage

Handling: Keep the dispenser lures inside the seal package until use.

Storage: Suitable: Keep away from heat, sparks and open flame, store at or below 25°C.

Section 8 Exposure Controls / PPE

Engineering Controls: No open flames.

Personal Protective Equipment: No respiratory equipment required.

Hand: Compatible chemical resistant gloves recommended for prolonged handling.

Eye: No precautions necessary if devices are handled in prescribed manner.

General Hygiene Measures: Wash contaminated clothing before reuse. Wash thoroughly after handling.

Section 9 Physical / Chemical Properties

Appearance: Red rubber capsule.

Contains a blend of: E3, Z8, Z11-tetradecatrienyl acetate & E3, Z8-tetradecadienyl acetate

Section 10 Stability and Reactivity

Stability: Stable. Materials to avoid: The performance of this product may be affected by strong odors.

Hazardous Decomposition Products: If the product is combusted will produce: carbon dioxide and carbon monoxide.

Hazardous polymerization: Will not occur.

Section 11 Toxicological Information

The following applies to the plastic devices enclosing the *Tuta absoluta* lures when used in the prescribed manner.

Skin Contact: Product might cause skin irritation upon prolonged contact.

Skin Absorption: Product absorbed through the skin upon prolonged contact.

Eye Contact: Product causes eye irritation if directly rubbed in eye.

Inhalation: Product difficult to inhale.

Ingestion: Product could cause choking if swallowed.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical and toxicological properties of the active ingredients have not been thoroughly investigated.

Toxicity Data

No data available

Section 12 Ecological Information

No data available.

Section 13 Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation

Once the product is use in the field, the dispenser will contain only rubber.

Contact a licensed professional waste disposal service to dispose of this material.

Section 14 Transport Information

DOT

N/A

IATA

N/A

Sea (IMDG)

N/A

Section 15 Regulatory Information

European Information:

Based on toxicological studies in the published literature, there is no risk and safety phrases to assign for this product.

United States Regulatory Information:

The active ingredients are listed in the following inventories:

TSCA, NSDL, ECL, EINECS (252-397-7)

Listed as carcinogen by NTP, IARC or OSHA? No

Section 16 Other Information

HMIS® Hazardous Materials Identification System

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA.

Acronyms: NTP (National Toxicology Program); IARC (International Agency for Research on Cancer); OSHA (Occupational Health and Safety Administration); DOT (U.S. Dept. of Transportation)

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