

**Safety Data Sheet**  
**Prepared March 26, 2010**  
**Revised Feb 14, 2017**

**Section 1 Product and Supplier Information**



Chemtica Internacional, S.A.  
Sto. Domingo, Heredia  
Costa Rica

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

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

506-2238-4738  
Chemtica Internacional

**Product Name: Fly attractant Muscalure**  
**Product Code: P395-Lure, P147-Lure Kg, P515-Master Catcher Trap**

This product consists of powder formulation of Muscalure and inert ingredients; this is the pheromone component of Domestic fly (*Musca domestica*). This product is further sealed in an impermeable bag for shipping and storage. The product is intended for use as an attractant for the Domestic Fly (*Musca domestica*)

**Section 2 Hazards Identification for Active Ingredients**

**Emergency Overview**

May be irritating to skin and eyes.

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

**Section 3: Composition / Information on Ingredient**

Chemical Name: (Z)-9-Tricosene  
CAS #: 27519-02-4  
Molecular formula: C<sub>23</sub>H<sub>46</sub>

## 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:** Sweep up the powder 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:** Sweep up material and dispose of in approved manner.

## Section 7 Handling and Storage

**Handling:** Keep the attractant 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 of active ingredient**

**Physical State:** Active ingredient is clear liquid but formulated product is powder.

**Appearance:** clear almost colorless

**Odor:** None reported.

**pH:** Not available.

**Vapor Pressure:** Not available.

**Vapor Density:** 11.47

**Evaporation Rate:**Not available.

**Viscosity:** Not available.

**Boiling Point:** 300 deg C @ 760.00mmHg

**Freezing/Melting Point:**Not available.

**Decomposition Temperature:**Not available.

**Solubility:** Not available.

**Specific Gravity/Density:**.8060g/cm<sup>3</sup>

**Molecular Formula:**C<sub>23</sub>H<sub>46</sub>

**Molecular Weight:**322.61

## **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 devices enclosing the *Musca domestica* attractant 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 could cause irritation if inhaled.

**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**

Inhalation, rat: LC50 = >5 gm/m<sup>3</sup>;

Oral, rat: LD50 = >5000 mg/kg;

Skin, rabbit: LD50 = >2000 mg/kg.

## Section 12 Ecological Information

No data available.

## Section 13 Disposal Considerations

### Appropriate Method of Disposal of Substance or Preparation

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 SDSs 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)

### Disclaimer:

For use in traps.

### Warranty:

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