Material Safety Data Sheet
Prepared March 25, 2011

Section 1 Product and Supplier Information

Chemtica Internacional, S.A.
Industrial Park Z Sta Rosa
Sto. Domingo, Heredia
Costa Rica 003105

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

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

506-261-5396, 506-261-2424
Chemtica Internacional

Product Name: *Thaumetopoea pityocampa* **Lure**
Product Code: P164-Lure T

This product consists of an active ingredient, Z-13 Hexadecen-11-yn-1 acetate, enclosed in rubber septa that are packed in an impermeable aluminum pack. The product is intended for use as an attractant for Oak processionary moth *Thaumetopoea pityocampa*.

Section 2: Composition / Information on Ingredient

Active Ingredient
Name: Z-13 Hexadecen-11-yn-1 acetate
CAS # 78617-58-0
Formula: $C_{18}H_{30}O_2$
Synonyms: None

Section 3 Hazards Identification

Emergency Overview – for product
Non-Harmful
Combustible

For additional information on toxicity refer to Section 11.

Section 4 First Aid Measures

Oral Exposure: Harmful liquid enclosed in flexible plastic sheet very difficult to swallow.

Inhalation Exposure: Active ingredient goes free in a rate of less than 0.01 g per day at 20°C. Inhalation not feasible.

Dermal Exposure: May cause irritation from prolonged (days of continuous) direct exposure to devices as would occur if devices were carried in clothing.

Eye Exposure: No known problem with eye contact.

Section 5 Fire Fighting Measures

Flash Point: N/A

Autoignition Temperature: N/A

Flammability: N/A

Extinguishing Media: Suitable: 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): Combustible liquid. Emits toxic fumes under fire conditions.

Section 6 Accidental Release Measures

Procedure to be followed in case of leak or spill: Pick up rubber devices and dispose of in approved manner. No need for evacuation.

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

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

Section 7 Handling and Storage

Handling: No special precautions necessary when handling these rubber devices.

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 Physical State: Active Ingredient

Property	Value
Molecular Weight	278.43
pH	N/A
BP/BP Range	N/A
MP / MP Range	N/A
Freezing Point	N/A
Vapor Pressure	N/A
Vapor Density (Air = 1)	> 1
Saturated Vapor Conc.	N/A
SG / Density @ 25°C	0.91 – 0.95 g/cm^3
Bulk Density	N/A
Odor Threshold	N/A
Volatile %	N/A
VOC Content	N/A
Water Content	N/A
Solvent Content	N/A
Evaporation Rate	N/A
Viscosity	N/A
Surface Tension	N/A
Partition Coefficient	N/A
Decomposition Temp.	N/A
Flash Point	N/A
Explosion Limits	N/A
Auto-ignition Temp.	N/A
Refractive Index	N/A
Optical Rotation	N/A
Miscellaneous Data	N/A
Solubility in water	insoluble in water

N/A = not available

Section 10 Stability and Reactivity

Stability: Stable. Materials to avoid: Strong oxidizing agents. Strong reducing agents.

Hazardous Decomposition Products: Carbon dioxide and Carbon monoxide.

Hazardous polymerization: Will not occur.

Section 11 Toxicological Information

The following applies to the rubber devices enclosing the active ingredient when used in the prescribed manner.

Skin Contact: Not known to cause skin irritation.
Skin Absorption: Not absorbed through the skin.
Eye Contact: May cause eye irritation if directly rubbed in eye due to abrasion.
Inhalation: Material not possible to inhale.
Ingestion: Material could cause choking if swallowed.

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

Toxicity Data
Threshold Limit Value: N/A
OSHA Permissible Exposure Limit (PEL): N/A
Listed as carcinogen by NTP, IRAC or OSHA: No

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. This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Section 14 Transport Information

DOT
Not Regulated
IATA
Not Regulated

Section 15 Regulatory Information

US Classification and Label Text
Indication of Danger: Harmful.
Risk Statements: Harmful.
US Statements: Combustible.

United States Regulatory Information

SARA Listed: No.
TSCA Inventory Item: No.

Canada Regulatory Information
WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

Section 16 Other Information

Disclaimer
For field use.

Warranty .
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