

# Material Safety Data Sheet

Prepared September 1, 2002

## Pheromone Lure for *Plodia & Ephestia species*

### Z9, E12-Tetradecadien-1-yl Acetate <1% in Rubber

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#### 1. Identification:

Chemical Name: (IUPAC) Z9, E12-Tetradecadien-1-yl acetate  
CAS registry Number: 31654-77-0  
Chemical Family: Aliphatic acetate  
Molecular Formula: C 16 H 28 O 2

#### 2. Physical Data: for pure liquid aliphatic acetates

Appearance: Liquid  
Odor Description: Mild  
Boiling point: >200°C  
Melting point: Unknown  
Specific Gravity @ 25°C (water = 1): 0.92±0.01  
Vapor Pressure (20°C, 760 mm Hg): Not found  
Vapor Density (Air = 1): >1  
Solubility in water: Insoluble  
Warning Properties: Flammable liquid in pure state

#### 3. Fire and Explosion Information:

Flashpoint (CC, C) : Unknown  
DOT/IMDG HAZ Class : Flammable in pure state  
Extinguishing Media : CO 2 , foam, dry chemical  
Unusual Fire and Explosion Hazards : Flammable in pure state  
Hazardous Combustion Products : CO, CO 2

#### 4. Reactivity Information:

Conditions to avoid: Extreme heat and flames.  
Materials to avoid: Oxidizing agents.

#### 5. Health Hazard Information: for pure aliphatic acetates

Threshold Limit Value (TLV) : Not established  
OSHA Permissible Exposure Limit (PEL) : Not established

Listed as carcinogen by NTP, IARC, or OSHA? : No  
Health Hazard Determination: For pure liquid most likely route of entry is through the skin . Full strength liquid may be irritating to skin and eyes.

**6. Emergency and First Aid Procedures:**

**Skin Contact:** In product active ingredient cannot come in contact with skin in meaningful concentrations.

**Eye Contact:** In product active ingredient cannot come in contact with eyes in meaningful concentrations.

**Inhalation:** In product active ingredient cannot be inhaled.

**Ingestion:** In product active ingredient very difficult to ingest except intentionally.

**7. Fire Fighting Measures:**

Steps to be Taken if Product is Spilled: Sweep up and keep in a tightly closed container for disposal.

**8. Protection Information:**

Respiratory Protection :	Not required.
Ventilation :	Nechanical (general).
Protective Gloves :	Not required.
Eye Protection :	Not required
Other Protective Equipment :	Not required.

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