SECTION 1: Product and Company Identification

1.1. Product Identifier

- **Product form**: Mixture
- **Trade name**: CIDETRAK® OFM-L
- **Product code**: EPA Reg. No. 51934-8

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/preparation: Mating disruptant for oriental fruit moth, macadamia nut borer and koa seedworm

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Trece, Incorporated
7569 Hwy 28 W
PO Box 129
Adair, OK  74330
Phone: 1-(918) 785-3061
Email: custserv@trece.com
Website: www.trece.com

1.4 Emergency telephone number

Emergency numbers: (918)-785-3061; (866)-785-1313 (Trece, Inc.)
: (800)-424-9300 (CHEMTREC)
: (800)-222-1222 (National Poison Information Center)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Category</th>
<th>Hazard Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Classified</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

- **Hazard pictograms (CLP)**: Not Applicable
- **Signal word**: Not Applicable
- **Hazard statements**: Not Applicable
- **Precautionary statements (prevention)**: Not Applicable
- **Precautionary statements (response)**: Not Applicable
- **Precautionary statements (disposal)**: Not Applicable

2.3. Other hazards

None known

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable
3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifiers</th>
<th>%/wt.</th>
<th>Classification according to 67/548/EEC</th>
<th>Classification according to Regulation (EC) No 1278/2008 (CLP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z-8-Dodecen-1-yl Acetate*</td>
<td>(CAS No.) 28079-04-1</td>
<td>4.65</td>
<td>Xi; R38</td>
<td>Skin Irritation 2 – H315</td>
</tr>
<tr>
<td>E-8-Dodecen-1-yl Acetate*</td>
<td>(CAS No.) 38363-29-0</td>
<td>0.30</td>
<td>Xi; R38</td>
<td>Skin Irritation 2 – H315</td>
</tr>
<tr>
<td>Z-8-Dodecen-1-ol*</td>
<td>(CAS No.) 40642-40-8</td>
<td>0.05</td>
<td>Xi; R38</td>
<td>Skin Irritation 2 – H315</td>
</tr>
<tr>
<td>Other ingredients</td>
<td>N A</td>
<td>95.00</td>
<td>Not classified</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

*Active ingredients prepared in a plastic (PVC) matrix. Exposure potential to the active ingredients is minimal. The meanings of additional EU and GHS phrases/statements in the table above can be found in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

**IF ON SKIN OR CLOTHING**

: Take of contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advise.

**IF IN EYES**

: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice if irritation develops or persists.

First-aid measures - general

: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-866-785-1313 for emergency medical treatment.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : No information available
Risks : No information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray, Carbon dioxide (CO2), foam, dry chemical powder
Unsuitable extinguishing media : High volume water jet. (Water contamination risk from runoff)

5.2. Special hazards arising from the substance or mixture

Fire hazard : Hazardous decomposition products may be released during fire or extreme heat, including oxides of carbon, hydrogen chloride, and aromatic/aliphatic hydrocarbons.
Explosion hazard : Product is not explosive
Reactivity : The product is stable at normal handling and storage conditions
5.3. **Advice for firefighters**

**Firefighting instructions**: Prevent runoff from entering drains, sewers or waterways. To fight large fires, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full-face piece operated in the positive pressure/demand mode. Full firefighting turnout gear (bunker gear): Any air respirator supplied with full face piece and operated in a pressure-demand or other positive pressure mode in combination with a separate escape supply. Any self-contained breathing apparatus with a full face piece.

### SECTION 6: Accidental release measures

6.1. **Personal precautions, protective equipment and emergency procedures**

**General measures**: Wear appropriate personal protective equipment (PPE): Eye protection, and gloves. Sweep up or scoop up dispensers. Put in appropriate container and dispose according to Local, State or Federal regulations. Keep spills away from water systems. After spill cleanup, flush the area with water. Read label.

6.1.1. **For non-emergency personnel**

**Protective equipment**: Wear appropriate personal protective equipment (PPE): Eye protection, and gloves.

**Emergency procedures**: Avoid contact with spilled material

6.1.2. **For emergency responders**

**Protective equipment**: Wear appropriate personal protective equipment (PPE): Eye protection, and gloves

6.2. **Environmental precautions**

Prevent material from entering sewers, waterways, or low areas. Do not allow material to contaminate water systems.

6.3. **Methods and material for containment and cleaning up**

**Methods for cleaning up**: Place in suitable container for waste disposal. Incineration or sanitary landfill in accordance with local, state, and federal regulations. Cleanup personnel require eye protection, and gloves.

### SECTION 7: Handling and storage

7.1. **Precautions for safe handling**

**Precautions for safe handling**: Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. Wash work clothing before reuse. Do not reuse empty containers.

7.2. **Conditions for safe storage, including any incompatibilities**

**Storage conditions**: Store in unopened, original container. Store in a cool, dry place at a temperature below 40 °C. Keep separated from incompatible substances. Keep out of the reach of children.

7.3. **Specific end use(s)**

**Mating Disruption**

### SECTION 8: Exposure controls/personal protection

8.1. **Personal protective equipment**
Eye/Face Protection: To avoid contact with eyes, use safety glasses with side shields.

Skin Protection: To avoid contact with skin, wear chemical-resistant gloves.

Respiratory Protection: Not normally required.

General Hygiene Considerations: Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: 1) do not store, use and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored; 2) wash hands carefully before eating, drinking, using tobacco, applying cosmetics or using the toilet.

A safety shower, eye wash

8.2 Exposure controls
Exposure limits have not been established for any of the ingredients in this product.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid shapes</td>
</tr>
<tr>
<td>Color</td>
<td>Dark gray to black</td>
</tr>
<tr>
<td>Odor</td>
<td>Waxy, fatty odor</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH (1%)</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Self-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non-flammable</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density/bulk density</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No oxidizing properties</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

9.2 Other information
No additional information available

SECTION 10: Stability and reactivity

10.1 Reactivity
The product is stable at normal handling and storage conditions.

10.2 Chemical stability
Stable under normal conditions.

### 10.3. Possibility of hazardous reactions
No additional information available

### 10.4. Conditions to avoid
Protect from excessive heat, sparks and open flame.

### 10.5. Incompatible materials
Acids, strong oxidizers

### 10.6. Hazardous decomposition products
Hazardous decomposition products may be released during fire or exposure to extreme heat, including oxides of carbon and aromatic/aliphatic hydrocarbons.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Pheromone Mixture</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (4 h)</td>
<td>Considered non-toxic</td>
</tr>
</tbody>
</table>

- **Irritation**: No data available
- **Corrosivity**: No data available
- **Sensitization**: No data available
- **Repeated dose toxicity**: No data available
- **Carcinogenicity**: Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH
- **Mutagenicity**: Not considered to be a mutagen
- **Toxicity for reproduction**: Not considered a reproductive toxin

### SECTION 12: Ecological information

#### 12.1. Toxicity

<table>
<thead>
<tr>
<th>Pheromone Mixture</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fish (Rainbow Trout 96 hr.)</td>
<td>LC50: &gt;1000 mg/L</td>
</tr>
<tr>
<td>Daphnia (48 hr.)</td>
<td>EC50: &gt;30 mg/L</td>
</tr>
<tr>
<td>Acute toxicity to Honey bees</td>
<td>Not toxic to bees</td>
</tr>
<tr>
<td>Acute toxicity Birds (acute oral)</td>
<td>LD50: &gt;2000 mg/kg</td>
</tr>
</tbody>
</table>

Prevent contamination of soil, ground- and surface water.

#### 12.2. Persistence and degradability
Active ingredients readily degrade to carbon dioxide and water.

#### 12.3. Bioaccumulative potential
Does not bioaccumulate.

#### 12.4. Mobility in soil
No additional information available

#### 12.5. Results of PBT and vPvB assessment
No additional information available
**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved incineration or sanitary landfill in accordance with local, state and federal regulations.

Container disposal: Contaminated packaging material should be treated as the product. Do not reuse or refill this container.

**SECTION 14: Transport information**

**Not Regulated by US DOT**
**Not Regulated by Canadian TDG for ground shipment**

In accordance with ADR / RID / IMDG / IATA / AND

**14.1. UN number**
Not applicable – Not a dangerous good with respect to transport regulations

**14.2. UN proper shipping name**
Not applicable

**14.3. Transport hazard class(es)**
Not applicable

**14.4. Packing group**
Not applicable

**14.5. Environmental hazards**
Other information : No supplementary information available.

**14.6. Special precautions for user**
**14.6.1. Overland transport**
Not regulated

**14.6.2. Transport by sea**
Not regulated

**14.6.3. Air transport**
Not regulated

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Not applicable

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.1.1. EU-Regulations**
No REACH Annex XVII restrictions

**15.1.2. National regulations**
**US EPA (FIFRA) Information:**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification
criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Signal word: CAUTION
Hazard statements: Harmful if absorbed through skin.
: Causes moderate eye irritation.
Precautionary statements: Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Wear chemical resistant gloves. Keep out of reach of children.

SARA 313 Regulated Chemical(s): Not applicable

Title III hazard classification:
Acute Health Hazard: No
Chronic Health Hazard: No
Fire: No
Reactivity/Physical hazard: No
Pressure: No

CERCLA/DOT Reportable Quantities (RQ)
Not applicable

Canadian Regulatory Information:
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. WHMIS Classification: Not a WHMIS Controlled Product.

SECTION 16: Other information

Other EU Risk and GHS Hazard Phrases:

<table>
<thead>
<tr>
<th>Risk/hazard phrases</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>R38</td>
<td>Irritating to skin</td>
</tr>
<tr>
<td>Xi (symbol)</td>
<td>Irritant</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
</tbody>
</table>

EU-GHS SDS

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