

**Material Safety Data Sheet****Product: PHEROCON® CM Pheromone Lure for Codling Moth**

**MSDS Date:** Revised 8-14-08  
**Product Name:** PHEROCON® CM Pheromone Lure for Codling Moth  
**Manufacturer:** Trécé, Incorporated

**I. Product and Company Description**

**Company:** Trécé Incorporated, P.O. Box 129, Adair, OK 74330  
**Emergency Phone Number:** (918) 785-3061  
**For Product Information:** (918) 785-3061  
**Chemistry Name:** (8E,10E)-8,10-Dodecadien-1-ol  
**Synonym:** 8,10-Dodecadien-1-ol; (E,E)-High purity CM pheromone; Codlure; High Purity

**II. Chemical Composition / Information on ingredients**

Active ingredient(s) impregnated into medical grade rubber septa with appropriate solvent

**Chemistry Name:** (8E,10E)-8,10-Dodecadien-1-ol  
**CAS#:** 33956-49-9  
**MF:** C<sub>12</sub>H<sub>22</sub>O  
**EC No:** 251-761-2

**III. Hazards Identification**

**HMIS Hazard Classifications:** Health = 1; Flammability = 1; Reactivity = 0; Protection = B  
**NFPA Hazard Classifications:** Health = 1; Flammability = 1; Reactivity = 0  
**Label Precautionary Statements/  
U.S. Hazard Labeling:** Keep under nitrogen. May be irritating to skin and eyes.  
**European R Phrases:** Irritating to skin.

**IV. First-Aid Measures**

**Eye Exposure:** Flush with water for 15 minutes. Seek medical help if necessary.  
**Skin Exposure:** Wash area well with water. Seek medical help if necessary.  
**Inhalation:** Remove to fresh air. Give oxygen and call a physician.  
**Ingestion:** Administer water and call a physician or poison control center immediately. Do not induce vomiting.

**V. Fire Fighting Measures**

**Flash Point:** Not Determined  
**Autoignition Temperature:** Not Determined  
**Flammability Limits (vol/vol%):** Lower: ND; Upper: ND  
**Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>), foam, dry chemical  
**Special Fire Fighting Procedures:** Use standard fire fighting procedures. Emits toxic fumes under fire conditions.  
**Unusual Fire and Explosion Hazards:** NA  
**Hazardous Decomposition Materials  
(Under Fire Conditions):** NA

**VI. Accidental Release Measures**

**Cleanup and Disposal of Spill:** Standard absorbents can be used.  
**Waste Disposal:** Incineration or sanitary landfill in accordance with local, state, and federal regulations.

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**Handling:** Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat, or smoke while handling. Respect good personal hygiene.

**Storage:** Store tightly sealed under inert gas below 0°C.

**Fire Protection:** Keep away from ignition sources and naked flame.

**VIII. Exposure Controls / Personal Protection**

**Ventilation:** Mechanical (general)

**Respiratory Protection:** Usually not required

**Eye / Face Protection:** Wear splash-proof safety glasses

**Skin Protection:** Wear rubber gloves

**Other Protective Equipment:** Safety shower, eye wash

**IX. Physical and Chemical Properties**

**Chemistry Name:** (8E,10E)-8,10-Dodecadien-1-ol

**Physical Appearance:** Solid

**Odor:** waxy, fatty

**Melting Point:** 18-22°C

**Specific Gravity at 25°C (water = 1):** 0.857

**Water Solubility:** Insoluble in water; soluble in alcohol

**Boiling Point:** 110-120°C at 2.0 mm Hg

**Vapor Pressure:**  $1.428 \times 10^{-2}$

**Vapor Density:** Not applicable

**Flash Point (CC):** 196°F 91°C

**X. Stability and Reactivity**

**Conditions to Avoid:** Presents no special reactivity hazard

**Materials / Chemicals to be Avoided:** Strong oxidizing agents

**Hazardous Combustion Products:** CO, CO<sub>2</sub>, Water, Smoke, and irritating fumes.

**XI. Toxicological Information**

**Chemistry Name:** (8E,10E)-8,10-Dodecadien-1-ol

**Acute Effects:** Most likely route of entry is through the skin.  
Ames: non-mutagenic with and without microsomal activation.  
Full strength may be irritating to eyes and skin.

**Irritation Data:** Eye Rabbit: irritant effects, mild

**Toxicity Data:** LD<sub>50</sub> Dermal (rat) - > 2,000 mg/kg  
LD<sub>50</sub> Inhalation (per animal) - non toxic  
LD<sub>50</sub> Intratracheal (per animal) - 2.5 ml/animal  
LD<sub>50</sub> Oral (rat) - > 5,000 mg/kg

**Threshold Limit Value (TLV):** Not established

**OSHA Permissible Exposure Limit (PEL):** Not established

**Listed as Carcinogen by NTP, IARC, or OSHA:** No



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### XII. Ecological Information

**General:** Prevent contamination of soil, ground, and surface water.

### XIII. Disposal Consideration

**Waste Disposal Method:** Incineration or sanitary landfill in accordance with local, state, and federal regulations.

### XIV. Transportation Information

**Road (U.S. - DOT):** Not regulated  
**Air (IATA):** Not regulated  
**Sea (IMDG):** Not regulated

### XV. Regulatory Information

**European Information:** Based on toxicological studies in the published literature, there are no risk and safety phrases to assign for this product.  
**R38:** Irritating to Skin  
**Reviews, Standards, and Regulations:** This chemical is listed on the following inventories: TSCA AICS CHINA DSL ECL EINECS (221-178-8) PICCS  
**Listed as carcinogen by NTP, IARC, or OSHA;** NO

### XVI: Other Information

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#### Key Legend Information:

N/A Not Applicable  
ND Not Determined  
ACGIH American Conference of Governmental Industrial Hygienists  
OSHA Occupational Safety and Health Administration  
TLV Threshold Limit Value  
PEL Permissible Exposure Limit  
TWA Time Weighted Average  
STEL Short Term Exposure Limit  
NTP National Toxicology Program  
IARC International Agency for Research on Cancer

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