

**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: C₁₂H₂₂O
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 (CO₂), 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: 1.428×10^{-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, CO₂, 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: LD₅₀ Dermal (rat) - > 2,000 mg/kg
LD₅₀ Inhalation (per animal) - non toxic
LD₅₀ Intratracheal (per animal) - 2.5 ml/animal
LD₅₀ 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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