

SECTION 1: Product and Company Identification**1.1. Product Identifier**

Product form : Mixture
Trade name : CIDETRAK® CMDA + LR

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 codling moth, hickory shuckworm, pandemis leafroller, and obliquebanded leafroller.

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]

<u>Hazard Class</u>	<u>Category</u>	<u>Hazard Statement</u>
Not Classified	NA	NA

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

Name	Product identifiers	%/wt.	Classification according to 67/548/EEC	Classification according to Regulation (EC) No 1278/2008 (CLP)
(E8,E10)-8.10-Dodecadienol	(CAS No.) 3956-49-9	1.70%	Xi; R38	Skin Irritation 2 – H315
2,4-Decadienoic acid, ethyl ester, (E,Z)	(CAS No.) 3025-30-7	1.00%	Xi; R38 R52-53	Skin Irritation 2 – H315 Aquatic Chronic 3 – H412
Other ingredients	N/A	97.30%	Not classified	Not classified
E-11-Tetradecenyl acetate	(CAS No.) 33189-72-9	4.93%	Xi; R38	Skin Irritation 2 – H315
Other ingredients	N A	95.07	Not classified	Not classified

**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 off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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

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

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

(8E,10E)-8,10-Dodecadien-1-ol	
LD50 dermal rabbit	>2020 mg/kg
LD50 Intratracheal (per animal)	2.5 ml/animal
LD50 oral rat	>3200 mg/kg
LD50 oral rat	>5050 mg/kg

2,4-Decadienoic acid, ethyl ester, (E,Z)	
LD50 dermal (rabbit)	>5 mg/kg
LD50 oral (rat)	>5 mg/kg

E-11-Tetradecenyl acetate	
LD50 oral (rat)	>5000 mg/kg

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

(8E,10E)-8,10-Dodecadien-1-ol	
LC50 (Fish)	>120 mg/l
EC50 (Daphnia magna)	>1.3 mg/l
LD50 (Birds)	>2150 mg/day

2,4-Decadienoic acid, ethyl ester, (E,Z)	
No data	

E-11-Tetradecenyl acetate

No data

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:

Risk/hazard phrases	Text
R38	Irritating to skin
R52-53	Harmful to aquatic organisms
Xi	Irritant
H315	Causes skin irritation
H412	Harmful to aquatic life with long lasting effects

EU-GHS SDS

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