

SECTION 1: Product and Company Identification**1.1. Product identifier****Product Name** : CIDETRAK® CMDA + OFM MESO**1.2. Other means of identification****Registration Number(s)** : 51934-21**Synonyms** : None**1.3. Recommended use of the chemical and restrictions on use****Recommended Use** : Pheromone mating disruptant for codling moth and oriental fruit moth**Uses Advised Against** : No information available**1.4. Details of the supplier of the safety data sheet****Manufacturer Address**

Trécé, Incorporated
7569 Hwy 28 W
P.O. Box 129
Adair, OK 74330
Email: custserv@trece.com
Website: www.trece.com

1.5. Emergency telephone number**Company Phone Number** : 1-(918) 785-3061; (866)-785-1313**Emergency numbers** : (800)-424-9300 (CHEMTREC)
: (703)-527-3887 (CHEMTREC)
: (800)-222-1222 (POISON CONTROL CENTER)**SECTION 2: Hazards identification****2.1. Classification****OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.2. Label elements**Emergency Overview** : None**Hazard Statements** : None**Appearance** : Solid**Physical State** : Solid**Odor** : Waxy, fatty odor**2.3. Hazards not otherwise classified (HNOC)**

Not applicable

2.4. Other information

Not applicable

2.5. Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

SECTION 3: Composition/Information on Ingredients

3.1. Substance

Not applicable

3.2. Mixture

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Chemical Name	CAS No	%/wt.
Other ingredients*	Proprietary	96.41
8,10-Dodecadien-1-ol, (8E,10E)-*	33956-49-9	1.60
8-Dodecen-1-ol, acetate, (Z)-*	28079-04-1	0.99
2,4-Decadienoic acid, ethyl ester, (E,Z)-*	3025-30-7	0.90
8-Dodecen-1-ol, acetate, (E)-*	38363-29-0	0.09
8-Dodecen-1-ol, (Z)-*	40642-40-8	0.01

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

SECTION 4: First Aid Measures

4.1. Description of first aid measures

General advice

: Immediate medical attention is not required. If symptoms persist, call a physician.

Eye Contact

: Keep eye wide open while rinsing. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact

: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. Wash contaminated clothing before reuse.

Inhalation

: Remove to fresh air. Get medical advice/attention if you feel unwell.

Ingestion

: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Self-protection of the first aider

: Use personal protective equipment as required

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

Symptoms

: None known

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

Note to physicians

: Treat symptomatically

SECTION 5: Firefighting Measures

5.1. Suitable Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO₂, sand, earth, water spray or regular foam.

Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors.
Hazardous combustion products : Carbon monoxide. Carbon dioxide (CO₂)

Explosion data

Sensitivity to Mechanical Impact : None.
Sensitivity to Static Discharge : None.

5.3. Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment as required.

6.2. Environmental precautions

Environmental precautions : Collect spillage. Dispose of contents/container to an approved waste disposal plant.

6.3. Methods and material for containment and cleaning up

Methods for containment : No information available

Methods for cleaning up : Pick up and transfer to properly labeled containers.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed in a dry and well-ventilated place.

Incompatible materials : Strong oxidizing agents. Strong acids. Strong bases.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

Exposure Guidelines : This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Other ingredients	TWA: 1 mg/m ³ respirable fraction	-	-

8.2. Appropriate engineering controls

Engineering Controls : Showers, Eyewash stations, and Ventilation systems

8.3. Individual protection measures, such as personal protective equipment

Eye/face protection : Wear safety glasses with side shields (or goggles).

Skin and body protection : Wear protective gloves and protective clothing.

Respiratory protection : Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Solid
Color : Black
Odor : Waxy, fatty odor
Odor Threshold : No information available

Property	Values	Remarks • Method
pH	: Not applicable	
Melting point / freezing point	: No information available	
Boiling point / boiling range	: No information available	
Flash point	: Not applicable	
Evaporation rate	: No information available	Not applicable
Flammability (solid, gas)	: No information available	
Flammability Limit in Air		
Upper flammability limit	: No information available	
Lower flammability limit	: No information available	
Vapor pressure	: 0	
Vapor density	: No information available	
Relative density	: < 1 g/cm ³	
Water solubility	: Insoluble in water	
Solubility in other solvents	: No information available	
Partition coefficient	: No information available	
Autoignition temperature	: No information available	
Decomposition temperature	: No information available	
Kinematic viscosity	: No information available	Not applicable
Dynamic viscosity	: No information available	Not applicable
Explosive properties	: Not an explosive	
Oxidizing properties	: Not applicable	

9.2. Other information

Softening point : No information available
Molecular weight : No information available
VOC Content (%) : No information available
Density : No information available
Bulk density : No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Storage near to reactive materials. Elevated temperature.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gasses and vapors.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Symptoms : No information available.

11.2. Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization : Based on available data, the classification criteria are not met.

Germ cell mutagenicity : Based on available data, the classification criteria are not met.

Carcinogenicity : Based on available data, the classification criteria are not met.

Chemical Name	ACGIH	IARC	NTP	OSHA
Other ingredients	-	Group 3	-	-

IARC (International Agency for Research on Cancer)

Not classifiable as a human carcinogen

Reproductive toxicity : Based on available data, the classification criteria are not met.

STOT – single exposure : Based on available data, the classification criteria are not met.

STOT – repeated exposure : Based on available data, the classification criteria are not met.

Aspiration hazard : Based on available data, the classification criteria are not met.

11.3. Numerical measures of toxicity – Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) : 10,010.00 mg/kg

SECTION 12: Ecological Information

12.1. Ecotoxicity

None known.

0% of the mixture consist of components(s) of unknown hazards to the aquatic environment.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulation

Not likely to bioaccumulate.

12.4. Other adverse effects

No information available.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Disposal of wastes : Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging : Do not reuse container.

SECTION 14: Transport information

DOT : Not regulated.

TDG : Not regulated.

IATA : Not regulated.

IMDG : Not regulated.

SECTION 15: Regulatory Information

15.1. International inventories

TSCA : Complies

DSL/NDSL : Complies

EINECS/ELINCS : Complies

IECSC : Complies

KECL : Complies

PICCS : Complies

AICS : Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard : No

Chronic Health Hazard : No

Fire hazard : No

Sudden release of pressure hazard : No

Reactive Hazard : No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

15.3. US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Other ingredients	X	-	-

U.S. EPA Label Information

EPA Pesticide Registration Number : 51934-21

Difference between SDS and EPA Pesticide label

CAUTION: Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

SECTION 16: Other Information, Including Date of Preparation of the Last Revision

NFPA

Health hazards 0 **Flammability** 1 **Instability** 0 **Physical and Chemical Properties** -

HMIS

Health hazards 0 **Flammability** 1 **Physical hazards** 0 **Personal protection** X

Issue Date 25-Dec-2018

Revision Date 25-Dec-2018

Revision Note

No information available

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet