

SECTION 1: Product and Company Identification

1.1. Product Identifier

Product form : Mixture
Trade name : STORGARD® Indianmeal Moth, Mediterranean Flour Moth, Raisin Moth, Tobacco Moth, Almond Moth
Scientific name : *Plodia interpunctella*, *Ephestia kuehniella*, *Cadra figulilella*, *Ephestia elutella*, *Cadra cautella*

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: Monitoring for Indianmeal Moth, Mediterranean Flour Moth, Raisin Moth, Tobacco Moth and Almond Moth

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

<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

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.
(9Z,12E)-9,12-tetradecadien-1-yl acetate	(CAS No.) 30507-70-1	<1%
Other ingredients	NA	>99%

**Active ingredients impregnated into natural rubber septa. Exposure potential to the active ingredients is minimal.*

SECTION 4: First aid measures

4.1. Description of 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.

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 : Carbon dioxide (CO₂), foam, dry chemical
- Unsuitable extinguishing media : High volume water jet (water contamination risk from runoff)

5.2. Special hazards arising from the substance or mixture

- Fire hazard : None
- Explosion hazard : Product is not explosive
- Reactivity : The product is stable at normal handling and storage conditions

5.3. Advice for firefighters

- Firefighting instructions : Use standard firefighting procedures.

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.

6.1.1. For non-emergency personnel

- Protective equipment : Not applicable

6.1.2. For emergency responders

Protective equipment : Not applicable

6.2. Environmental precautions

Not applicable

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Incineration or sanitary landfill in accordance with local, state, and federal regulations.

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.

7.2. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

For use in insect monitoring traps.

SECTION 8: Exposure controls/personal protection

8.1. Personal protective equipment

Eye/Face Protection: Not normally required.

Skin Protection: Not normally required.

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.

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 : Red
Odor : Very mild, oily
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

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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

Pheromone mixture	
LD50 oral rat	Not available
LD50 dermal rabbit	Not available
LC50 inhalation rat (4 h)	Not available

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

Pheromone mixture	
Fish (Rainbow Trout 96 hr.)	Not available
Daphnia (48 hr.)	Not available
Acute toxicity to Honey bees	Not available
Acute toxicity to Birds (acute oral)	Not available

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. National regulations

US EPA (FIFRA) Information:

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

Disclaimer:

Disclaimer of warranties and limitation of liability.

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SECTION 1: Product and Company Identification

1.1. Product Identifier

1.1.1. Product Name: Trécé Adhesive - Used for the following Trécé traps:

PHEROCON® VI DELTA CLEAN-BRAKE™ liners, PHEROCON Stink Bug STKY™ Dual Panel Adhesive Traps, PHEROCON SWD STKY Traps, PHEROCON Predator Traps, PHEROCON PEW Dual Panel Traps, STORGARD® III Traps

1.2. Other Means of Identification

1.2.1. Product Code: None

1.2.2. Synonyms: None

1.3. Recommended use of the chemical and restrictions use

1.3.1. Recommended Use: Hot Melt pressure sensitive adhesive

1.3.2. Uses advised against: No information available

1.4. Details of the supplier of the safety data sheet

1.4.1. 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

1.5. Emergency telephone number

1.5.1. Emergency Telephone: Chemtrec: 800-CHEMTREC

SECTION 2: Hazards Identification

2.1. Classification

2.1.1. OSHA Regulatory Status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

2.2. Label elements

2.2.1 Emergency Overview: None

2.2.2 Appearance: Off-white to amber solid

2.2.3 Odor: Resinous

2.3. Hazards not otherwise classified (HNOC)

Hot fumes may cause eye, skin or respiratory irritations

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.

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 exposure	: 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	: Not likely in normal use. If swallowed, do not induce vomiting. Give 2 glasses of water (16 oz.) and contact a physician.
Self-protection of the first aider	: Use personal protective equipment as required.

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

4.2.1 Symptoms: None known.

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

4.3.1 Note to physicians Treat symptomatically.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO ₂ , 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. Specific Hazards Arising from the Chemical

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

Hazard combustion products : Carbon monoxide. Carbon dioxide (CO₂)

5.3. Explosion Data

5.3.1 Sensitivity to Mechanical Impact:	None
5.3.2 Sensitivity to Static Discharge:	None

5.4. 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 : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

Emergency Responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable Materials. See also information in “personal precautions”.

6.2. Environmental Precautions

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3. Methods and material for containment and cleaning up

Small Spill : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large Spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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.

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**

Appearance	: Off-white to amber solid
Odor	: Resinous
Odor Threshold	: Not determined

<u>Property</u>	<u>Values</u>
pH	: Not applicable
Melting Point/Freezing Point	: No information available
Boiling Point / Range	: No information available
Flash Point	: No information available
Evaporation Rate	: No information available
Flammability (solid, gas)	: No information available
Flammability Limit in Air	
Upper flammability limit	: No information available
Lower flammability limit	: No information available
Vapor Pressure	: No information available
Vapor Density	: No information available
Relative Density	: No information available
Water Solubility	: Insoluble in water
Solubility in other solvents	: No information available
Partition Coefficient	: No information available
Autoignition temperature	: Not determined
Decomposition temperature	: No information available
Kinematic viscosity	: No information available
Dynamic viscosity	: No information available
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

The product is stable.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Keep away from incompatibilities.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritation and toxic gases and vapors.

SECTION 11: Toxicological Information

11.1. Information on likely routes of exposure

11.1.1 Product Information

Inhalation	: Vapors from molten product might cause nose irritation.
Eye contact	: Vapors from molten product might cause eye irritation.
Skin contact	: Contact with molten material can cause burns.
Ingestions	: Based on available data, the classification criteria are not met.

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

Sensitization	: Not Available
Germ cell mutagenicity	: Not Available
Carcinogenicity	: Not Available
Reproductive toxicity	: Not Available
STOT - single exposure	: Not Available
STOT - repeated exposure	: Not Available
Aspiration hazard	: Not Available

SECTION 12: Ecological Information

12.1. Ecotoxicity

None Known

12.2. Persistence and degradability

Not Available

12.3. Bioaccumulation

Not Available

12.4. Other adverse effects

Not Applicable

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

The following information is provided based upon the best information at our disposal.

<u>Regulation</u>	<u>All Components Listed</u>
SARA Title III	No
Toxic Substances Control Act (TSCA)	Yes

SECTION 16: Other information

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