



# STORGARD® IMM+4 BROAD SPECTRUM™ QUICK-CHANGE MOTH

## Safety Data Sheet

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### SECTION 1: Product and Company Identification

#### 1.1. Product Identifier

Product form : Mixture  
Trade name : STORGARD® Indianmeal Moth, Mediterranean Flour Moth, Rasin Moth, Tobacco Moth, Almond Moth, BROAD SPECTRUM™ QUICK-CHANGE 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 stored product pests.

##### 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](mailto:custserv@trece.com)  
Website: [www.trece.com](http://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.
KAIROMONE		<1%
(9Z,12E)-9,12-tetradecadien-1-yl	(CAS No.) 30507-70-1	<1%
Other ingredients	NA	>99%

*\*Active ingredients and Kairomone loaded into plastic polymer controlled release micro-film cup lures separately. 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 (CO<sub>2</sub>), 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 : White  
Odor : Very mild, oily

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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

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

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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

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