

Product no. L111
Product name **Oriental Fruit Moth Lure**
Scientific name *Grapholita molesta*

May 2015
Page 1 of 7

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- | | | |
|-----|--|--|
| 1.1 | Product identifier | Oriental Fruit Moth Lure (<i>Grapholita molesta</i>) |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against | Scentry insect monitoring products are pest management tools designed to provide information about an insect pest population. |
| 1.3 | Details of the supplier of the safety data sheet | <i>Scentry Biologicals, Inc.</i>
610 Central Ave.
Billings, MT 59102
scentry@scentry.com
Tel: 1-(406)-248-5856
Fax: 1-(406)-245-2790 |
| 1.4 | Emergency Telephone number | 1-(800)-735-5323 |

SECTION 2: HAZARDS IDENTIFICATION

2.1 **Classification of the substance or mixture**

HMIS Hazard Classifications	Health =1 Flammability =1 Reactivity =0
DPD Classifications	Xi;R38

2.2 **GHS Classification and Labeling**

Signal Word Warning

Hazard pictograms
GHS07
GHS09



Hazard Statements

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.

R-phrases

R38 Irritating to skin.

S-phrases

S2	Keep out of reach of children.
S13	Keep away from food, drink and animal feeding stuffs.
S46	If swallowed, seek medical advice immediately and show this container or label.

S20/S21, S24/S25,S26,S28 When using this product do not eat, drink or smoke, avoid contact with skin and eyes, after contact with skin, wash immediately with

Product no. L111
Product name **Oriental Fruit Moth Lure**
Scientific name *Grapholita molesta*

May 2015
Page 2 of 7

plenty of soap and water.

S36/S37 Wear suitable protective clothing and gloves.

Precautionary statements

P264 Wash Hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 If on skin: Wash with plenty of soap and water.
P332+313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

2.3 Other hazards

Environmental Hazard Dangerous to the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance (s)	Product Identifier (CAS No.)	%	Synonym (s)
Mixture	N/A	N/A	N/A
Rubber Septa Substrate	N/A	N/A	N/A

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Remove to fresh air. Provide oxygen if breathing is labored.
Skin contact Remove contaminated clothing and wash well with soap and water.
Eye contact Irrigate with water for at least 15 minutes.
Ingestion If ingested drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed Primarily irritation

4.3 Indication of any immediate medical attention and special treatment needed Immediate medical attention is required in case of ingestion or contact with eyes.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 **Extinguishing media** Foam or carbon dioxide for small fires, water spray or foam for large fires. Avoid heavy hose streams.

5.2 **Special hazards arising from the substance or mixture** The essential breakdown products are carbon monoxide, carbon dioxide and water.

5.3 **Advice for firefighters** Use standard fire fighting techniques.

Product no. L111
Product name **Oriental Fruit Moth Lure**
Scientific name *Grapholita molesta*

May 2015
Page 3 of 7

SECTION 6: ACCIDENTAL RELEASE MEASURES

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|-----|--|--|
| 6.1 | Personal precautions, protective equipment and emergency procedures | Avoid Contact with eyes, skin and clothes.
See section 8 for further detail on personal protective equipment. |
| 6.2 | Environmental precautions | Keep out of water sources and sewers |
| 6.3 | Methods and materials for containment and cleaning up | Securely wrap container or spilled material in several layers of newspaper and discard in trash. |
| 6.4 | Reference to other sections | See section 7 for fire prevention.
See section 8 for personal protection.
See section 13 for disposal. |

SECTION 7: HANDLING AND STORAGE

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|-----|---|---|
| 7.1 | Precautions for safe handling | General precautions to be taken with handling. Avoid contact with eyes, skin and clothes. |
| 7.2 | Conditions for safe storage, including any incompatibilities | Store in cool, dry area out of direct sunlight. Keep storage container closed until ready to use. Keep away from food, feedstuffs, and domestic water supplies. |
| 7.3 | Specific end use(s) | Scentry insect monitoring products are pest management tools designed to provide information about an insect pest population. |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- | | | |
|-----|-------------------------------|---|
| 8.1 | Personal exposure limits..... | To our knowledge, no personal exposure limits have been established for any of the components in this product. However, exposure limits may be defined by local regulations and must be observed. |
| 8.2 | Exposure controls | Keep away from foodstuffs, beverages and food.
Avoid contact with eyes and skin.
Wash thoroughly after handling. |



Respiratory protection

None required, if the room is well-ventilated.
Use with local ventilation



Protective gloves

None required, but vinyl, latex or rubber gloves is recommended for continuous handling. The exact break through time of the various types of protective gloves has to be found out by the manufacturer and has to be observed.



Eye protection

None Required



Other skin protection

Wear a long-sleeved shirt and long pants, wear shoes and socks.

Product no. L111
Product name **Oriental Fruit Moth Lure**
Scientific name *Grapholita molesta*

May 2015
Page 4 of 7

NOTE:

Personal protection information shown above is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on physical and chemical properties	Oriental Fruit Moth Lure
Appearance	Rubber substrate
Odor	Not determined
Odor threshold	Not determined
pH	Not determined
Melting point/Freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid/gas)	Not highly flammable
Upper/ lower flammability or explosive limits	Not determined
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	Not determined
Solubilities	Solubility at 20°C in: water insoluble
Viscosity	Not determined
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing
Decomposition temperature	Not determined
Auto-ignition temperature.....	Not determined
Partition coefficient: n-octanol/water	Not determined
 9.2 Other Information	 None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	To our knowledge, the product has no special reactivities.
10.2 Chemical stability	Stable at ambient temperatures while in storage and while being handled.
10.3 Possibility of hazardous reactions	Thermally decomposition products may include CO, CO ₂ , H ₂ O.
10.4 Conditions to avoid	Acids, peroxides and other oxidizing agents.
10.5 Incompatible materials	None known.
10.6 Hazardous decomposition products	See Section 5

Product no. L111
Product name **Oriental Fruit Moth Lure**
Scientific name *Grapholita molesta*

May 2015
Page 5 of 7

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	This product contains a straight chain lepidopteran pheromone, a class of pheromones with no expected risks to human health or non-target organisms.
Route(s) of Entry - skin (most likely)	LD ₅₀ , dermal: Not determined
-ingestion	LD ₅₀ , oral: Not determined
-inhalation	LD ₅₀ , inhalation: Not determined
Delayed, immediate, or chronic effects from short term exposure	Not determined
Delayed, immediate, or chronic effects from long term exposure	Not determined
Symptoms	Causes mild to moderate skin and eye irritation
Indication of whether the chemical is listed in the NTP, or has found to be carcinogenic by the IARC or OSHA	Not determined

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

The ecotoxicity of the active ingredient is measured as:

- Fish	96-h LC ₅₀	Not determined
- Algae	72-h LOEC	Not determined
- Daphnia	48-h LC ₅₀	Not determined
- Bees	48-h LD ₅₀ , contact	Not determined
	48-h LD ₅₀ , oral	Not determined

12.2 Persistence in degradability	Easily decompose to carbon monoxide, carbon dioxide and water.
12.3 Bioaccumulative potential	Not determined
12.4 Mobility in soil	Not determined
12.5 Results of PBT and vPvB assessment	Not determined
12.6 Other adverse effects	None

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal of product	Do not contaminate water, foodstuffs, feed, seed or sewage water by storage or disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. To minimize exposure see section 8.
Disposal of packaging	Do not reuse empty pouch. Discard pouch into trash.

Product no. L111
Product name **Oriental Fruit Moth Lure**
Scientific name *Grapholita molesta*

May 2015
Page 6 of 7

SECTION 14: TRANSPORT INFORMATION

- 14.1 **UN number** 3077
- 14.2 **UN proper shipping name** The product is not classified as hazardous material for both national and international transport by road or rail, by sea or air.
- 14.3 **Transport hazard class(es)** 9
- 14.4 **Packing group** III
- 14.5 **Environmental hazards** Marine pollutant
- 14.6 **Special precautions for user** Do not discharge to the environment.
- 14.7 **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code** The product is not transported in bulk tankers.

SECTION 15: REGULATORY INFORMATION

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture** Water Hazard class 2 (self assessment): Hazardous for water.
- 15.2 **Chemical safety assessment** A chemical safety assessment has not been performed.

SECTION 16: OTHER INFORMATION

- 16.1 **List of abbreviations**
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|------------------|--|
| CAS | Chemical Abstracts Service |
| CLP | Classification, Labeling and Packaging |
| DPD | Dangerous Preparation Directive |
| GHS | Globally Harmonized classification and labeling System |
| HMIS | Hazardous Material Identification System |
| IARC | International Agency for Research on Cancer |
| IBC | International Bulk Chemical |
| LC ₅₀ | 50% Lethal Concentration |
| LD ₅₀ | 50% Lethal Dose |
| LOEC | Lowest Observed Effect Concentration |
| NTP | National Toxicology Program |
| OSHA | Occupational Safety and Health Administration |
| R-phrase | Risk phrase |
| SDS | Safety Data Sheet |
| S-phrase | Safety phrase |
| WHO | World Health Organization |
- 16.2 **References** Data measured on the product are unpublished company data. Data on ingredients are available from published literature and can be found several places.
- 16.3 **Used R-phrases** R38..... Irritating to skin.

Product no. L111
Product name **Oriental Fruit Moth Lure**
Scientific name *Grapholita molesta*

May 2015
Page 7 of 7

- 16.4 Used CLP precautionary statements
- | | |
|-----------------|--|
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective gloves/ protective clothing/ eye protection/ face protection |
| P302+P352 | If on skin: Wash with plenty of Soap and water |
| P332+313 | If skin irritation occurs: Get medical advice/attention. |
| P362 | Take off contaminated clothing and wash before reuse |
- 16.5 Advice on training Read safety data sheet before using product.

16.6 **Disclaimer:** All information contained in this Safety Data Sheet is furnished free of charge and is intended for your evaluation. In our opinion, the information is, as of the date of this Safety Data Sheet, reliable. However, it is your responsibility to determine the suitability of the information for your use. You are advised not to construe the information as absolutely complete since additional information may be necessary or desirable when particular, exceptional, or variable conditions or circumstances exist or because of applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information gathered by you, and you must make independent determinations of the suitability in completeness of the information from all sources to assure both proper use of the material described herein and the safety and health of employees.
Prepared by: Scentry Biologicals, Inc.