

## 1 Identification of Substance and Company Details

### .a **Product identifier...**

Product Code: CAT-FIT; KIT/REFILL {#041-XL-5010 ; #041-XL-5010R  
 Product Name: XLure FIT; XLure Fabric Insect Trap; XLure F.I.T. Replacement Cartridges

### .b **Other means of identification...**

Active Ingredient: Nature identical pheromone for the varied carpet beetle *Anthrenus verbasci*: (Z)-5-Undecenoic acid;(E)-5-Undecenoic acid, the black carpet beetle, *Attagenus unicolor*: (E,Z)-3,5-Tetradecadienoic acid, the webbing clothes moth, *Tineola bisselliella*: (E,Z)-2,13-Octadecadienal and (E,Z)-2,13-Octadecadien-1-ol and casemaking clothes moth, *Tinea pellionella*, E2-18AlD

CAS Number: 67270-85-3; 62472-76-8; 17022-64-9; 99577-57-8; 123551-47-3

Other Ingredients: Polyolefin rigid structure and lid attached to PVC container holding dispenser and a combination of plant extracts and purified hydrocarbon thyxotropic agent for the attraction and containment of the target insects.

### .c **Recommended use & restrictions on use...**

Product use: Used for Insect attraction and containment for the purpose of monitoring of target species: *Antrasmus verbasci*, *Tineola bisselliella*, *Attagenus unicolor* and other fabric insect pests.

### .d **Details of the supplier of the safety data sheet...**

<p><i>Manufacturer:</i></p> Russell IPM Ltd 45 First Avenue Deeside Industrial Park Deeside, Flintshire, CH5 2NU United Kingdom  Tel #: (+44) 1244 281 333 Fax #: (+44) 1244 281 878 Email: info@russellipm.com Web: www.russellipm.com	<p><i>U.S.A. Master Supplier:</i></p> J.F.Oakes Sales & Marketing, LLC Physical: 646 E Fifteenth Street Mailing: P.O. Box 115 Yazoo City, MS 39194 U.S.A.  Tel #: 662 746 7276 Fax #: 662 746 4568 Email: sales@jfoakes.com Web: www.jfoakes.com
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.e Emergency Telephone number for USA and Canada only: CHEMTREC: 1-800-424-9300

## 2 Hazards Identification

.a Classification of substance/ mixture: Pheromone and attractants.

.b Label elements: None

.c Other hazards: None

HMIS® Rating:

Health: 1

Flammability: 1 - Flammable at temperatures over 100°C

Reactivity: 0

Protection: B

Safety Phrases: There were no toxicological studies in the published literature to assign risk and safety phrases.

UN Number: Not applicable, therefore not allocated.

## 3 Composition and Formulation

### 3.1 Substances

- |    |                    |   |
|----|--------------------|---|
| .a | Chemical Name:     | (Z)-5-Undecenoic acid; (E)-5-Undecenoic acid; (E,Z)-3,5-Tetradecadienoic acid; (E,Z)-2,13-Octadecadienal; (E,Z)-2,13-Octadecadien-1-ol; E2-18Ald  |
| .b | Common Name:       | Nature identical pheromones for: varied carpet beetles {Anthrenus verbasci}, black carpet beetles {Attagenus unicolor}, webbing clothes moths {Tineola bisselliella}, and casemaking clothes moths {Tinea pellionella}  |
| .c | CAS Number:        | 67270-85-3; 62472-76-8; 17022-64-9; 99577-57-8; 123551-47-3   |
| .d | Other Ingredients: | Polyolefin rigid structure and lid attached to PVC container holding dispenser and a combination of plant extracts and purified hydrocarbon thixotropic agent for the attraction and containment of the target insects. |

### 3.2 Mixtures Not applicable.

- |    |                                |                 |
|----|--------------------------------|-----------------|
| .a | Chemical Name & Concentration: | Not applicable. |
| .b | Concentration/Ranges:          | Not applicable. |

## 4 First Aid Measures

- |    |   |   |
|----|---|---|
| .a | Description of first aid measures:  | See Section 4.3.  |
| .b | Most important symptoms/effects, acute & delayed:                         | None Known.   |
| .c | Indication of any immediate medical attention & special treatment needed: |   |
|    | Inhalation:   | Remove to fresh air. Seek medical advice if symptoms persist.                       |
|    | Eyes:   | Flush with plenty of water. Seek medical advice if symptoms persist.                |
|    | Skin:   | Flush with plenty of water. Seek medical advice if symptoms persist.                |
|    | Ingestion:  | Wash mouth with plenty of water. Induce vomiting if swallowed. Seek medical advice. |

## 5 Fire fighting Procedures

- |    |  |   |
|----|--|---|
| .a | Extinguishing media:                                   | Water, Carbon dioxide, dry powder or appropriate foam.                                  |
| .b | Special hazards arising from the substance or mixture: | Formulation combustible. Emits toxic fumes under fire conditions; CO, CO <sub>2</sub> . |
| .c | Advice for fire-fighters:                              | No special procedures.  |

## 6 Accidental Release Measures

- |    |  |  |
|----|--|--|
| .a | Personal precautions, protective equipment/emergency procedures: | No protective apparatus necessary for clean-up.  |
|    | Environmental precautions:                                       | The material should be prevented from contaminating soil or from entering sewage and drainage systems. |
| .b | Methods & material for containment & cleanup:                    | Sweep up material and dispose of in approved manner.   |

## 7 Handling and Storage

- |    |   |   |
|----|---|---|
| .a | Precautions for safe handling:                          | <ul style="list-style-type: none"> <li>- Do not breathe vapors.</li> <li>- Avoid contact with skin and eyes.</li> <li>- Wash thoroughly after handling.</li> </ul>  |
| .b | Conditions for safe storage, include incompatibilities: | <ul style="list-style-type: none"> <li>- Store in cool, dry and well ventilated place.</li> <li>- Keep away from heat, sparks and open flames.</li> <li>- Refrigeration is recommended for longer storage.</li> </ul> |

## 8 Exposure Controls/ Personal Protection

.a	Exposure limits:	Standard personal and industrial hygiene practices.
.b	Engineering controls:	Not available
.c	Individual protection:	No special protective equipment is required, under normal conditions.

## 9 Physical and Chemical Properties

.a	Appearance:	Round white plastic construction with transparent cartridge to be fitted as its base.
.b	Odor:	Distinctive
.c	Odor threshold:	Not Available
.d	pH:	Not Applicable
.e	Melting point/freezing point:	Not Available
.f	Initial boiling point and boiling range:	Not Available
.g	Flash point:	Not Available
.h	Evaporation rate:	Not Available
.i	Flammability (solid, gas):	Flammable at temperatures over 100°C
.j	Upper/lower flammability/Explosive limits:	Not Available
.k	Vapor pressure:	Not Available
.l	Vapor density:	Not Available.
.m	Relative density:	Not Available.
.n	Solubility(ies):	Not Soluble.
.o	Partition coefficient: n-octanol/water:	Not Available
.p	Auto-ignition temperature:	Not Available
.q	Decomposition temperature:	Not Available
.r	Viscosity:	Not Available

## 10 Stability and Reactivity

.a	Reactivity:	Presents no special reactivity hazard.
.b	Chemical stability:	Stable under normal conditions.
.c	Possibility of hazardous reactions:	None.
.d	Conditions to avoid:	Excessive heat, open flames.
.e	Incompatible materials:	Acids, bases and oxidizing material.
.f	Hazardous decomposition products:	No data.

## 11 Toxicology Information

.a	Likely routes of exposure:	
	Skin contact:	No Data.
	Skin absorption:	No Data.
	Eye contact:	No Data.
	Inhalation:	No Data.
	Ingestion:	No Data.
.b	Signs & Symptoms of exposure:	No Data.
.c	Effects (Delayed/Immediate/Chronic)	No Data.
.d	TOXICITY DATA:	No Data.
.e	Listed as Carcinogen BY NTP, IARC, OR OSHA?	No.

## 12 Ecological Information

.a	Ecotoxicity:	Prevent contamination of soil, ground and surface water.
.b	Persistence and degradability:	Not Available.
.c	Bio-accumulative potential:	Not Available.
.d	Mobility in soil:	Not Available.
.e	Other adverse effects:	No data on adverse ecological effects.
	Results of PBT and vPvB assessment:	Not Available.

## 13 Disposal Considerations

Waste treatment methods:	By incineration or sanitary landfill in accordance with local, state and federal regulations.
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## 14 Transport Considerations

.a	UN Number:	Not Regulated.
.b	UN proper shipping name:	Not Regulated.
.c	Transport hazard class(es):	Not Regulated.
.d	Packing group:	Not Regulated.
.e	Environmental hazards:	None.
.f	Transport in bulk:	Not regulated according to Annex II or MARPOL73/78 and IBC code
.g	Special precautions for user:	None.

## 15 Regulatory Information

Safety, health & environmental regulations for the substance/mixture:	European information: No published toxicological data available to be assigned risk and safety phrases. USA Information: EPA exempted from label requirements; CFR 40 152.25(b) if used for monitoring purposes in traps.
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Chemical safety assessment:	None of the components is listed in the OSHA, IARC, NTP Carcinogens lists.
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## 16 Other

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