

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: *Antrusus verbasci*, *Tineola bisselliella*, *Attagenus unicolor* and other fabric insect pests.

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

Manufacturer:	U.S.A. Master Supplier:
Russell IPM Ltd	J.F.Oakes Sales & Marketing, LLC
45 First Avenue	Physical: 646 E Fifteenth Street
Deeside Industrial Park	Mailing: P.O. Box 115
Deeside, Flintshire, CH5 2NU	Yazoo City, MS 39194
United Kingdom	U.S.A.
Tel #: (+44) 1244 281 333	Tel #: 662 746 7276
Fax #: (+44) 1244 281 878	Fax #: 662 746 4568
Email: info@russellipm.com	Email: sales@jfoakes.com
Web: www.russellipm.com	Web: www.jfoakes.com

.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, CO₂.
- .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:
- Do not breathe vapors.
 - Avoid contact with skin and eyes.
 - Wash thoroughly after handling.
- .b Conditions for safe storage, include incompatibilities:
- Store in cool, dry and well ventilated place.
 - Keep away from heat, sparks and open flames.
 - Refrigeration is recommended for longer storage.



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.

Chemical safety assessment:

None of the components is listed in the OSHA, IARC, NTP Carcinogens lists.

16 Other

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