

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 <i>Anthrenus verbasci</i> : (Z)-5-Undecenoic acid;(E)-5-Undecenoic acid, the black carpet beetle, <i>Attagenus unicolor</i> : (E,Z)-3,5-Tetradecadienoic acid, the webbing clothes moth, <i>Tineola bisselliella</i> : (E,Z)-2,13-Octadecadienal and (E,Z)-2,13-Octadecadien-1-ol and casemaking clothes moth, <i>Tinea pellionella</i> , 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: <i>Antrasmus verbasci</i> , <i>Tineola bisselliella</i> , <i>Attagenus unicolor</i> and other fabric insect pests.																				
.d	Details of the supplier of the safety data sheet...	<table border="0" style="width: 100%;"> <tr> <td style="width: 35%;"><i>Manufacturer:</i></td> <td><i>U.S.A. Master Supplier:</i></td> </tr> <tr> <td>Russell IPM Ltd</td> <td>J.F.Oakes Sales & Marketing, LLC</td> </tr> <tr> <td>45 First Avenue</td> <td>Physical: 646 E Fifteenth Street</td> </tr> <tr> <td>Deeside Industrial Park</td> <td>Mailing: P.O. Box 115</td> </tr> <tr> <td>Deeside, Flintshire, CH5 2NU</td> <td>Yazoo City, MS 39194</td> </tr> <tr> <td>United Kingdom</td> <td>U.S.A.</td> </tr> <tr> <td>Tel #: (+44) 1244 281 333</td> <td>Tel #: 662 746 7276</td> </tr> <tr> <td>Fax #: (+44) 1244 281 878</td> <td>Fax #: 662 746 4568</td> </tr> <tr> <td>Email: info@russellipm.com</td> <td>Email: sales@jfoakes.com</td> </tr> <tr> <td>Web: www.russellipm.com</td> <td>Web: www.jfoakes.com</td> </tr> </table>	<i>Manufacturer:</i>	<i>U.S.A. Master Supplier:</i>	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
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.e	Emergency Tel: (+44)1244 281333																					

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 ₂ .
.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"> - Do not breathe vapors. - Avoid contact with skin and eyes. - Wash thoroughly after handling.
.b	Conditions for safe storage, include incompatibilities: <ul style="list-style-type: none"> - 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.

Chemical safety assessment: None of the components is listed in the OSHA, IARC, NTP Carcinogens lists.

16 Other

Date Prepared/Revised: Wednesday, September 17, 2014

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