



SDS compliant with CLP

## SAFETY DATA SHEET

### Xlure FIT Kit/Refill

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

##### 1.1 Product identifier

Product name Xlure FIT Kit/Refill  
Code CAT-XLURE-FIT-KIT/ CAT-XLURE-FIT-REFILL

##### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses Natural insect attractant and containment  
REACH No. A registration number is not available for this substance.

##### 1.3 Detailed of the supplier of the safety data sheet

Manufacturer Russell IPM Ltd  
45 First Avenue  
Deeside Industrial Park  
Deeside  
Flintshire  
CH5 2NU, United Kingdom  
Tel: +44 (0) 1244 281333  
Fax: +44 (0) 1244 281878  
info@russellipm.com

##### 1.4 Emergency telephone number

Contact the National Poisons Information Service (dial 111, 24 hours)

##### 1.5 Nanoforms

No nanoforms present

##### 1.6 Other means of identification

Unique Formula Identifier (UFI) Not required

#### SECTION 2: HAZARDS IDENTIFICATION

##### 2.1 Classification of the substance or mixture

Classification (EC 1272/2008): None

##### 2.2 Label elements CLP 1272/2008/GC BLP

Contains: Polyolefin rigid structure and lid attached to PVC container holding dispenser and a combination of plant extracts and pheromones.  
Labelling: None.  
Signal word: None.  
Hazard statements: None.  
Supplemental Information: None.  
Pictograms: None.  
Precautionary statements: None.

##### 2.3 Other hazards

This product does not contain any PBT or vPvB substances. To avoid risk to man and the environment, comply with the instructions for use.

##### 2.4 Endocrine disruptors/ endocrine disruptor properties (EC) 2017/2100 and (EC) 2018/605

None present.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

##### 3.1 Mixtures

Name	CAS	EC	REACH registration	Amount	Classification for (CLP) 1272/2008
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## SAFETY DATA SHEET

## Xlure FIT Kit/Refill

SDS compliant with CLP

Z-5-Undecenoic acid	67270-85-3	N/A	N/A	-	This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
E-5-Undecenoic acid	62472-76-8	N/A	N/A	-	This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
E,Z-3,5-Tetradecadienoic acid	17022-64-9	N/A	N/A	-	This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
E,Z-2,13-Octadecadienal	99577-57-8	N/A	N/A	-	This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
E-2-Octadecenal	51534-37-3	N/A	N/A	-	This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

The full text for all R-phrases and Hazard statements are displayed in section 16.

#### SECTION 4: FIRST AID MEASURES

##### **4.1 Description of first aid measures**

###### General information

Remove victim to fresh air and keep at rest. If symptoms or irritation and/or sensitization occur seek medical advice/attention.

###### Inhalation

Remove to fresh air and keep at rest. Seek medical advice if symptoms persist.

###### Skin

Wash with soap and water. If skin irritation occurs, seek medical advice/attention.

###### Ingestion

Rinse mouth. Do not induce vomiting.

###### Eye contact

Rinse cautiously with water for several minutes. If irritation occurs, seek medical advice/attention.

##### **4.2 Most important symptoms and effects, both acute and delayed**

###### Inhalation

Not known.

###### Ingestion

Not known.

###### Skin contact

Not known.

###### Eye contact

Not known.

##### **4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

#### SECTION 5: FIREFIGHTING MEASURES

##### **5.1 Extinguishing media**

###### Extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media appropriate for surrounding materials.

###### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

##### **5.2 Special hazards arising from the substance or mixture**

SDS compliant with CLP

## SAFETY DATA SHEET

### Xlure FIT Kit/Refill

#### Hazardous combustion products

None.

#### Specific hazards

Dike and collect extinguishing water. Avoid releasing to the environment. Do not discharge into drains, watercourses or onto the ground.

#### **5.3 Advice for firefighters**

##### Special firefighting procedures

In case of fire and/or explosion, do not breathe fumes.

##### Protective equipment for firefighters

Wear full protective clothing (EN 469). Self-contained breathing apparatus.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

#### **6.2 Environmental precautions**

Do not discharge into drains, watercourses or onto the ground.

#### **6.3 Methods and materials for contaminants and cleaning up**

Do not contaminate water with product waste. Dispose of waste material in accordance with local or national regulations.

#### **6.4 Reference to other sections**

For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: HANDLING AND STORAGE

#### **7.1 Precautions for safe handling**

See Section 8 for personal protection. Avoid contact with skin, eyes, and clothing. Do not breathe mist/ vapor/ spray. Always ensure good ventilation. Do not eat, drink, or smoke in the same room as handling this product. Keep containers tightly closed when not in use.

#### **7.2 Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, well-ventilated area. Protect from sunlight.

#### **7.3 Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **8.1 Control parameters**

Ingredients with limit values that require monitoring at the workplace. No exposure limit noted for ingredients.

#### **8.2 Exposure controls**

No exposure limit noted for ingredients.

##### **8.2.1 Appropriate engineering controls**

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

##### **8.2.2 Personal protection equipment**

Skin protection (hand protection/other). Use approved gloves.



### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### **9.1 Information on basic physical and chemical properties**

Physical state	Solid base and lid with a plastic cartridge
Odour and colour	Distinctive odour with white base and lid trap and a clear, colourless cartridge
Initial boiling point and boiling range	Not available
Melting point (°C)	Not available
Specific gravity	Not available
Vapor density (air=1)	Not available



## SAFETY DATA SHEET

### Xlure FIT Kit/Refill

SDS compliant with CLP

Vapor pressure	Not available
Evaporation rate	Not available
pH-value	Not available
Viscosity	Not available
Decomposition temperature (°C)	Not available
Odour threshold, lower	Not available
Odour threshold, higher	Not available
Flash point	Not available
Auto ignition temperature (°C)	Not available
Flammability limit - lower (%)	Flammable at temperatures over 100°C
Flammable limit - higher (%)	Flammable at temperatures over 100°C
Partition coefficient (N-octanol/water)	Not available
Explosive properties	Not available
Oxidizing properties	Not available
Partition coefficient n-octanol/water for nanoforms	None present

#### **9.2 Other information**

Not available.

##### **9.2.1 Additional information on the physical hazard classes**

No physical hazards present

##### **9.2.2 Other safety characteristics**

No data available

## **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1 Reactivity**

Not reactive.

#### **10.2 Chemical stability**

Stable under normal temperature conditions and recommended use.

#### **10.3 Possibility of hazardous reactions**

Not anticipated.

##### **Hazardous polymerization**

Will not polymerize.

#### **10.4 Conditions to avoid**

Avoid exposure to high temperatures or direct sunlight. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.

#### **10.5 Incompatible materials**

##### **Materials to avoid**

Excessive temperature variations. Strong oxidizing agents.

#### **10.6 Hazardous decomposition products**

None anticipated.

## **SECTION 11: TOXICOLOGY INFORMATION**

#### **11 Information on toxicological effects**

##### **Toxicological information**

Classification according to CLP regulations (EC) 1272/2008.

##### **Acute toxicity:**

**Acute toxicity (Oral LD50):** N/A

**Acute toxicity (Dermal LD50):** N/A

**Acute toxicity (Inhalation LC50):** N/A

**Skin Corrosion/Irritation:** N/A

**Serious eye damage/irritation:** N/A



## SAFETY DATA SHEET

### Xlure FIT Kit/Refill

SDS compliant with CLP

<u>Respiratory or skin sensitization:</u>	N/A
<u>Skin sensitization:</u>	N/A
<u>Germ cell mutagenicity:</u>	N/A
<u>Genotoxicity - In vitro:</u>	N/A
Calculation method	N/A
<u>Genotoxicity - In Vivo:</u>	N/A
Calculation method	N/A

#### Carcinogenicity:

Based on available data the classification criteria are not met.

#### Reproductive Toxicity:

##### Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Calculation method.

##### Reproductive toxicity - development

Calculation method.

Based on available data the classification criteria are not met.

##### Specific target organic toxicity - repeated exposure:

###### STOT - Repeated exposure

Calculation method.

Based on available data the classification criteria are not met.

##### Aspiration hazard:

Calculation method.

Based on available data the classification criteria are not met.

#### **11.1 Information on hazard classes (EC) No 1272/2008**

No hazard classes

#### **11.2 Information on other hazard classes which relates to endocrine disrupting properties**

No endocrine disruptors present.

### SECTION 12: ECOLOGICAL INFORMATION

#### **12.1 Toxicity**

Classification according to CLP regulation (EC) 1272/2008.

The product is not anticipated to pose any environmental hazard. Specific toxicity studies done on birds, aquatic organisms, earthworms, bees and non-target arthropods showed lack of adverse effects.

##### Ecological information on ingredients

###### Acute Toxicity - Fish

LC50 96 hours = N/A *Lepomis macrochirus* (Bluegill)

LC50 96 hours = N/A *Onchorhynchus mykiss* (Rainbow trout)

###### Acute Toxicity - Aquatic Invertebrates

EC50 48 hours = N/A *Daphnia magna*

###### Acute Toxicity - Aquatic Plants

EbC50 96 hours = N/A *Enedesmus subspicatus*

###### Chronic Toxicity - Fish Early Life Stage

NOEC 90 days = N/A *Onchorhynchus mykiss* (Rainbow trout)

NOEC 35 days = N/A *Cyprinocon variegatus* (Sheepshead minnow)

###### Chronic Toxicity - Aquatic Invertebrates

NOEC 21 days = N/A *Daphnia magna*

###### Acute Toxicity - Terrestrial

LD50 = N/A *Apis Mellifera* (Honeybee) (Oral exposure).

LD50 = N/A *Apis mellifera* (Honeybee) (Topical exposure).



SDS compliant with CLP

## SAFETY DATA SHEET

### Xlure FIT Kit/Refill

#### **12.2 Persistence and degradability**

It is not likely that these compounds contaminate the soil or groundwater.

Ecological information on ingredients

##### **Xlure FIT Kit/Refill**

Degradability

The product is readily biodegradable.

Photo transformation

N/A

Biodegradation

The product is readily biodegradable.

#### **12.3 Bioaccumulative potential**

Not anticipated to bioaccumulate.

Partition coefficient

Not relevant.

Ecological information on ingredients

##### **Xlure FIT Kit/Refill**

Bioaccumulation factor

BCF = N/A

Partition coefficient

Log Kow = N/A

#### **12.4 Mobility in soil**

Mobility:

Ecological information on ingredients

##### **Xlure FIT Kit/Refill**

There may be indirect movement in soil because of water movement or transfer by insects.

Adsorption/Desorption Coefficient

Koc = N/A

Henry's Law Constant

N/A

#### **12.5 Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

Ecological information on ingredients

##### **Xlure FIT Kit/Refill**

Not classified as PBT/vPvB by current EU criteria.

#### **12.6 Endocrine disruptor properties**

No endocrine disruptors present

#### **12.7 Other adverse effects**

Not available.

Ecological information on ingredients

##### **Xlure FIT Kit/Refill**

Not available

### SECTION 13: DISPOSAL CONSIDERATIONS

General information

Dispose to a licensed waste disposal site in accordance with the local Waste Disposal Authority.

#### **13.1 Waste treatment methods**

Waste is suitable for incineration. Contact specialist disposal companies. Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

### SECTION 14: TRANSPORT INFORMATION



SDS compliant with CLP

## SAFETY DATA SHEET

### Xlure FIT Kit/Refill

#### **14.1 UN number**

<u>UN No. (ADR/RID/AND)</u>	None
<u>UN No. (IMDG)</u>	None
<u>UN No. (ICAO)</u>	None

#### **14.2 UN proper shipping name**

<u>Proper Shipping Name</u>	None
<u>Proper Shipping Name</u>	None

#### **14.3 Transport hazard class(es)**

<u>ADR/RID/AND Class</u>	Not applicable
<u>ADR Label No.</u>	Not applicable
<u>AMDG Class</u>	Not applicable
<u>ICAO Class/Division</u>	Not applicable
<u>Transport Labels</u>	Not applicable

#### **14.4 Packing group**

<u>ADR/RIN/AND Packing group</u>	Not applicable
<u>IMDG Packing group</u>	Not applicable
<u>ICAO Packing group</u>	Not applicable

#### **14.5 Environmental hazards**

None.

#### **14.6 Special precautions for user**

<u>EMS</u>	None
<u>Hazard No. (ADR)</u>	None
<u>Tunnel Restriction Code</u>	None

#### **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

### **SECTION 15: REGULATORY INFORMATION**

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

The product is not deemed 'hazardous' according to CLP: Regulation (EC) No 1272/2008 and the requirements of Council Directive 2000/54/EEC. It is used as beneficial insect attractant therefore it does not require registration.

##### UK Regulatory References

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

##### EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

##### Health and Environmental Listings

Regulation EC 2037/2000 on substances that deplete the ozone layer. Regulation EC 689/2008 concerning the export and import of dangerous chemicals. None of the ingredients are listed.

##### Authorizations (Title VII Regulation 1907/2006)

No specific authorizations are noted for this product.

##### Restrictions (Title VII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

#### **15.2 Chemical Safety Assessment**



SDS compliant with CLP

Page 8 of 7  
Revision: 2  
Date: 23/01/2023

## SAFETY DATA SHEET

### Xlure FIT Kit/Refill

No chemical safety assessment has been carried out.

#### SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet:

PBT - Persistent, bio accumulative and toxic. vPvB - Very persistent and very bio accumulative. EN - European standard adopted by the European Committee for Standardization.

#### Information Sources

The International Union of Pure and Applied Chemistry (IUPAC) pesticide properties database - <http://sitem.herts.ac.uk/aeru/iupac/index/htm>.

Conclusion regarding the peer review of the pesticide risk assessment of the active substance completed by the European Food Safety Authority - <http://www.efsa.europa.eu/cs/Satellite> International chemical Safety Card. World Health Organization (WHO)/Food and Agriculture Organization of the United Nations (FAO) Joint Meeting on Pesticide Residues monographs and evaluations. Available from [www.inchem.org](http://www.inchem.org). Food and Agriculture Pesticide Manual, 15<sup>th</sup> Edition (BCPC). Supplier safety data sheet (SDS).

Revision Date 23/01/2023

Revision 2