

## SAFETY DATA SHEET

<b>1</b>	<b>Identification of Substance and Company Details</b>	
<b>1.1</b>	<b>Product identifier</b>	<p>Product Code: CAT-MST-KIT/CAT-MST-REFILL</p> <p>Product Name: Xlure MST</p> <p>Active Ingredient: <i>Tribolium spp</i> 4,8-dimethyl decenal; <i>Lasioderma serricorne</i> 7-Hydroxy-4,6-dimethylnonan-3-one; <i>Trogoderma spp.</i> 14-methyl-Z-8-hexadecenal.</p> <p>CAS Number: 75983-36-7; 72598-35-7; 60609-53-2.</p> <p>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.</p>
<b>1.2</b>	<b>Relevant identified uses of the substance or mixture and uses advised against</b>	<p>Product use Used for Insect attraction and containment for the purpose of monitoring. Target species are <i>Tribolium spp</i>, <i>Lasioderma serricorne</i> and <i>Trogoderma spp</i>.</p>
<b>1.3</b>	<b>Details of the supplier of the safety data sheet</b>	<p>Company name: Russell IPM Ltd</p> <p>Address 45 First Avenue , Deeside Industrial Park. Deeside, Flintshire, CH5 2NU, UK.</p> <p>Telephone number (+44) 1244 281 333</p> <p>Fax Number (+44) 1244 281 878</p> <p>Email: <a href="mailto:info@russellipm.com">info@russellipm.com</a></p> <p>Web: <a href="http://www.russellipm.com">www.russellipm.com</a></p>
<b>1.4</b>	Emergency telephone number	(+44) 1244 281 333
<b>2</b>	<b>Hazards Identification</b>	
<b>2.1</b>	Classification of the substance or mixture	Pheromone and attractants.
<b>2.2</b>	Label elements	None.
<b>2.3</b>	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:	Non allocated.

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<b>3</b>	<b>Composition and Formulation</b>	
<b>3.1</b>	<b>Substances</b>	
	Active Ingredient:	Tribolium spp 4,8-dimethyl decenal; Lasioderma serricorne 7-Hydroxy-4,6-dimethylnonan-3-one; Trogoderma spp. 14-methyl-Z-8-hexadecenal.
	Other Ingredient:	Polyolefin rigid structure and lid attached to PVC container.
<b>3.2</b>	<b>Mixtures</b>	Not Applicable.
<b>4</b>	<b>First Aid Measures</b>	
<b>4.1</b>	Description of first aid measures	See Section 4.3.
<b>4.2</b>	Most important symptoms and effects, both acute and delayed	None Known.
<b>4.3</b>	Indication of any immediate medical attention and special treatment needed	See Below.
	- 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.
<b>5</b>	<b>Fire fighting Procedures</b>	
<b>5.1</b>	Extinguishing media	Water spray. Carbon dioxide, dry chemical powder or appropriate foam.
<b>5.2</b>	Special hazards arising from the substance or mixture	Formulation combustible. Emits toxic fumes under fire conditions; CO, CO <sub>2</sub> .
<b>5.3</b>	Advice for fire-fighters	No special procedures.

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<b>6</b>	<b>Accidental Release Measures</b>	
6.1	Personal precautions, protective equipment and emergency procedures	No protective apparatus necessary for clean-up.
6.2	Environmental precautions	The material should be prevented from contaminating soil or from entering sewage and drainage systems.
6.3	Methods and material for containment and cleaning up	Sweep up material and dispose of in approved manner.
6.4	Reference to other sections	Not Applicable.
<b>7</b>	<b>Handling and Storage</b>	
7.1	Precautions for safe handling	<ul style="list-style-type: none"> <li>- Do not breath vapours.</li> <li>- Avoid contact with skin and eyes.</li> <li>- Wash thoroughly after handling.</li> </ul>
7.2	Conditions for safe storage, including any 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>
7.3	Specific end use(s)	Insect attraction and containment for the purpose of monitoring the target species.
<b>8</b>	<b>Exposure Controls/ Personal Protection</b>	
8.1	Control parameters	Standard personal and industrial hygiene practices.
8.2	Exposure controls	No special protective equipment is required, under normal conditions.

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### 9 Physical and Chemical Properties

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

Appearance:	Round blue plastic construction with transparent cartridge to be fitted as its base.
Odour:	Distinctive
Odour threshold	Not Available
pH	Not Applicable
Melting point/freezing point	Not Available
Initial boiling point and boiling range;	Not Available
Flash point;	Not Available
Evaporation rate;	Not Available
Flammability (solid, gas);	Flammable at temperatures over 100°C
Upper/lower flammability or explosive limits;	Not Available
Vapour pressure;	Not Available
Vapour density;	Not Available
Relative density;	Not Available
Solubility(ies);	Not Soluble
Partition coefficient: n-octanol/water;	Not Available
Auto-ignition temperature;	Not Available
Decomposition temperature;	Not Available
Viscosity;	Not Available
Explosive properties;	Not Available
Oxidising properties.	Not Available

9.2 Other information None

### 10 Stability and Reactivity

10.1 Reactivity	Presents no special reactivity hazard.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None.
10.4 Conditions to avoid	Excessive heat, open flames.
10.5 Incompatible materials	Acids, bases and oxidizing material.
10.6 Hazardous decomposition products	No data.

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### 11 Toxicology Information

#### 11.1 Information on toxicological effects

SKIN CONTACT:	No Data.
SKIN ABSORPTION:	No Data.
EYE CONTACT:	No Data.
INHALATION:	No Data.
INGESTION:	No Data.
SIGNS & SYMPTOMS OF EXPOSURE:	No Data.
TOXICITY DATA:	No Data.
Listed as Carcinogen BY NTP, IARC, OR OSHABY NTP, IARC, OR OSHA?	No.

### 12 Ecological Information

12.1 Toxicity	Prevent contamination of soil, ground and surface water.
12.2 Persistence and degradability	Not Available.
12.3 Bioaccumulative potential	Not Available.
12.4 Mobility in soil	Not Available.
12.5 Results of PBT and vPvB assessment	Not Available.
12.6 Other adverse effects	No data on adverse ecological effects.

### 13 Disposal Considerations

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

14.1 UN number	Not Regulated.
14.2 UN proper shipping name	Not Regulated.
14.3 Transport hazard class(es)	Not Regulated.
14.4 Packing group	Not Regulated.
14.5 Environmental hazards	None.
14.6 Special precautions for user	None.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not Regulated.

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### 15 Regulatory Information

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|------|--|--|
| 15.1 | Safety, health and environmental regulations/legislation specific for the substance or mixture | European information : Based on toxicological studies in the published literature, there is no risk and safety phrases to assign for this product. |
| 15.2 | Chemical safety assessment   | Non of the components is listed in the OSHA, IARC, NTP Carcinogens lists.  |

### 16 Other

#### Disclaimer of warranties and limitation of liability

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