

## SAFETY DATA SHEET

<b>1</b>	<b>Identification of Substance and Company Details</b>	
<b>1.1</b>	<b>Product identifier</b>	
	Product Code:	CAT-MST-KIT/CAT-MST-REFILL
	Product Name:	Xlure MST
	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.
	CAS Number:	75983-36-7; 72598-35-7; 60609-53-2.
	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.
<b>1.2</b>	<b>Relevant identified uses of the substance or mixture and uses advised against</b>	
	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> .
<b>1.3</b>	<b>Details of the supplier of the safety data sheet</b>	
	Company name:	Russell IPM Ltd
	Address	45 First Avenue , Deeside Industrial Park. Deeside, Flintshire, CH5 2NU, UK.
	Telephone number	(+44) 1244 281 333
	Fax Number	(+44) 1244 281 878
	Email:	<a href="mailto:info@russellipm.com">info@russellipm.com</a>
	Web:	<a href="http://www.russellipm.com">www.russellipm.com</a>
<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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### 3 Composition and Formulation

#### 3.1 Substances

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.

#### 3.2 Mixtures

Not Applicable.

### 4 First Aid Measures

4.1 Description of first aid measures See Section 4.3.

4.2 Most important symptoms and effects, both acute and delayed None Known.

4.3 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.

### 5 Fire fighting Procedures

5.1 Extinguishing media Water spray. Carbon dioxide, dry chemical powder or appropriate foam.

5.2 Special hazards arising from the substance or mixture Formulation combustible. Emits toxic fumes under fire conditions; CO, CO<sub>2</sub>.

5.3 Advice for fire-fighters No special procedures.

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6 Accidental Release Measures	
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.

7 Handling and Storage	
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.

8 Exposure Controls/ Personal Protection	
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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<b>9</b>	<b>Physical and Chemical Properties</b>	
<b>9.1</b>	<b>Information on basic physical and chemical properties</b>	
	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
<b>9.2</b>	Other information	None
<b>10</b>	<b>Stability and Reactivity</b>	
<b>10.1</b>	Reactivity	Presents no special reactivity hazard.
<b>10.2</b>	Chemical stability	Stable under normal conditions.
<b>10.3</b>	Possibility of hazardous reactions	None.
<b>10.4</b>	Conditions to avoid	Excessive heat, open flames.
<b>10.5</b>	Incompatible materials	Acids, bases and oxidizing material.
<b>10.6</b>	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

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

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