

SAFETY DATA SHEET

1	Identification of Substance and Company Details	
1.1	Product identifier	
	Product Code:	CAT-MST-KIT/REFILL
	Product Name:	Xlure MST
	Active Ingredient:	<i>Nature identical pheromone of insects Tribolium spp: 4,8-dimethyl decanal; Lasioderma serricorne :7-Hydroxy-4,6-dimethylnonan-3-one; Trogoderma spp.: 14-methyl-Z-8-hexadecenal.</i>
	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.
1.2	Relevant identified uses of the substance or mixture and uses advised against	
	Product use	Used for Insect attraction and containment for the purpose of monitoring of target species: <i>Tribolium spp, Lasioderma serricorne</i> and <i>Trogoderma spp</i> .
1.3	Details of the supplier of the safety data sheet	
	Manufacturer:	Russell IPM Ltd
	Company name:	Russell IPM Ltd
	Address	68 Third Avenue, Deeside Industrial Park. Deeside, Flintshire, CH5 2LA, United Kingdom
	Telephone number	(+44) 1244 281 333
	Fax Number	(+44) 1244 281 878
	Email:	info@russellipm.com
	Web:	www.russellipm.com
1.4	Emergency telephone number	(+44) 1244 281 333

2	Hazards Identification	
2.1	Classification of the substance or mixture	Pheromone and attractants.
2.2	Label elements	None.
2.3	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.

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3 Composition and Formulation

3.1 Substances

Active Ingredient: 4,8-dimethyl decanal; 7-Hydroxy-4,6-dimethylnonan-3-one and 14-methyl-2-8-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, Carbon dioxide, dry powder or appropriate foam.

5.2 Special hazards arising from the substance or mixture Formulation combustible. Emits toxic fumes under fire conditions; CO, CO₂.

5.3 Advice for fire-fighters No special procedures.

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.

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7	Handling and Storage	
7.1	Precautions for safe handling	<ul style="list-style-type: none"> - Do not breathe vapours. - Avoid contact with skin and eyes. - Wash thoroughly after handling.
7.2	Conditions for safe storage, including any 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.
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.
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

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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.
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	Bio-accumulative 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.

15 Regulatory Information	
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture European information: No published toxicological data available to be assigned risk and safety phrases.
15.2	Chemical safety assessment None of the components is listed in the OSHA, IARC, NTP Carcinogens lists.

16 Other	
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