

MATERIAL SAFETY DATA SHEET

1 Identification of Substance and Company Details

Product Code:	CAT-MST-KIT/CAT-MST-REFILL
Product Name:	Xlure MST
Active Ingredient:	14-methyl-Z-8-16AL; 4,8-dimethyl decenal; Nature identical food attractant
CAS Number:	60609-53-2; 75983-36-7
Other Ingredient:	Plastic and nature identical food attractant. For the attraction and capture of many stored product insects.
Product use:	
Company name:	Russell IPM Ltd
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2 Hazards Identification

HMIS® Rating	
Health:	0
Flammability:	0
Reactivity:	0
Not hazardous, Not a Dangerous Good.	
Safety Phrases:	None
UN Number:	None allocated.

3 Composition and Formulation

Active Ingredient:	14-methyl-Z-8-16AL; 4,8-dimethyl decenal; Nature identical food attractant
CAS Number:	60609-53-2; 75983-36-7
Other Ingredient:	Plastic and nature identical food attractant.
Product description:	Plastic pit fall trap designed with a multi pheromone release system to monitor a range of crawling insect pests present in food premises.

4 First Aid Measures

INHALATION	Remove to fresh air. Seek medical advise if symptoms persist.
EYE	Flush with plenty of water. Seek medical advise if symptoms persist.
SKIN	Flush with plenty of water. Seek medical advise if symptoms persist.
INGESTION	Wash mouth with plenty of water. Induce vomiting if swallowed. Seek medical advice.
Special Procedures	Not necessary

5 Fire fighting Procedures

FLAMMABLE PROPERTIES	Flash point	110°C
EXTINGUISHING MEDIA	Water spray. Carbon dioxide, dry chemical powder or appropriate foam.	
FIRE FIGHTING INSTRUCTIONS	No Special procedures required	
Specific Hazard(s)	Formulation combustible. Emits toxic fumes under fire conditions.	

6 Accidental Release Measures

Procedure to be followed in case of leak or spill:	Unlikely to spill. Clean up and dispose of in approved waste container
Procedure of personal precaution(s):	No protective apparatus necessary for clean-up.
Methods for cleaning up:	Sweep up material and dispose of in approved manner.

7 Handling and Storage

HANDLING	<ul style="list-style-type: none"> * Do not breath vapours. * Avoid contact with skin and eyes. * Wash thoroughly after handling.
STORAGE	<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.

8 Exposure Controls/ Personal Protection

* Standard personal and industrial hygiene practices.	* No special protective equipment is required under, normal conditions.
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9 Physical and Chemical Properties

Appearance:	Plastic pit fall trap designed with a multi pheromone release system.
Odour:	Waxy
Odour threshold	85° C at 290mmHG
pH	Not applicable
Melting point/freezing point	0.8460:0.8550
Initial boiling point and boiling range;	Not soluble
Flash point;	110°C
Evaporation rate;	Not Available
Flammability (solid, gas);	Flammable
Upper/lower flammability or explosive limits;	Not Available
Vapour pressure;	Not Available
Vapour density;	Not Available
Relative density;	Not Available
Solubility(ies);	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
Other information	None

10 Stability and Reactivity

Conditions to avoid	Presents no special reactivity hazard
Stability	Stable under normal conditions
Material to avoid	Strong Oxidising agents
Hazardous decomposition	No data
HAZARDOUS POLYMERIZATION:	Will not occur.

11 Toxicology Information

SKIN CONTACT:	Might cause mild skin irritation
SKIN ABSORPTION:	Not likely
EYE CONTACT:	Pure active can irritate eye
INHALATION:	Not likely, No Data
INGESTION:	No data, food grade material used.
SIGNS & SYMPTOMS OF EXPOSURE:	To the best of our knowledge, the chemical, physical and toxicological properties of the active ingredients have not been thoroughly investigated.

12 Ecological Information

General	Prevent contamination of soil, ground and surface water.
Persistence and degradability	Not available
Bioaccumulative potential	Not available
Mobility in soil	Not available
Results of PBT and vPvB assessment	Not available
Other adverse effects	No data on adverse ecological effects. Product is made of natural chemicals found present in the environment including food lures and pheromone lures.

13 Disposal Considerations

By incineration or sanitary landfill in accordance with local, state and federal regulations.

14 Transport Considerations

UN number	
UN proper shipping name	
Transport hazard class(es)	
Packing group	
Environmental hazards	none
Special precautions for user	shipping container should reach no higher than 60°c.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	

15 Regulatory Information

European information	Based on doxological studies in the published literature, there is no risk and safety phrases to assign for this product.
OSHA, IARC, NTP Carcinogens lists	Non of the components is listed

16 Other

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