

## MATERIAL 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-SS10P-CM
	Product Name:	Safestore Cloth Moth Easyread Trap Kit
	Active Ingredient:	(Z)-13-octadecenal; (E)-2-Octadecenal
	CAS Number:	58594-45-9; 51534-37-3
	Other Ingredients:	Clear PVC pit trap coated with chemically inert non-drying adhesive based on polyolefin, with dispenser in the form of polyethylene vial containing the insect pheromone.
<b>1.2</b>	<b>Relevant identified uses of the substance or mixture and uses advised against</b>	
	Product use	Insect attraction and containment for the purposes of monitoring target species.
<b>1.3</b>	<b>Details of the supplier of the safety data sheet</b>	
	Manufacturer:	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 dispenser and trap.
<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:	None allocated.

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### 3 Composition and Formulation

#### 3.1 Substances

Active Ingredient:	(Z)-13-octadecenal; (E)-2-Octadecenal
Other Ingredient:	Clear PVC pit trap coated with chemically inert non-drying adhesive based on polyolefin, with dispenser in the form of polyethylene vial containing the insect pheromone.

#### 3.2 Mixtures

Not applicable.

### 4 First Aid Measures

4.1 Description of first aid measures See 4.3 no special procedures.

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

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 Firefighting Procedures

5.1 Extinguishing media Water, Dry powder, CO<sub>2</sub> or foam.

5.2 Special hazards arising from the substance or mixture None.

5.3 Advice for firefighters No special procedures required.

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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	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 of lure is recommended for longer storage.</li> </ul>
7.3	Specific end use(s)	Insect attraction for the purpose of monitoring the target species.
<b>8</b>	<b>Exposure Controls/ Personal Protection</b>	
8.1	Control parameters	VENTILATION: Mechanical (general) RESPIRATORY: Usually not required.
8.2	Exposure controls	SKIN: Rubber gloves EYES: Splash-proof safety glasses. OTHER PROTECTIVE EQUIPMENT: Safety shower, eye wash.

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### 9 Physical and Chemical Properties

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

Appearance:	Clear plastic pitfall trap with wet glue base and plastic vial.
Odour:	Distinctive
Odour threshold	Not Available.
pH	Not Available.
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);	Not Available.
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 reactivity hazard.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Presents no reactivity hazard.
10.4 Conditions to avoid	Excessive heat, open flames.
10.5 Incompatible materials	Acids, bases and oxidising 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.
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	No Data
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	Prevent contamination of soil, ground and surface water.

### 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	Not Regulated.
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	No published toxicological data available to assign risk and safety factors.
15.2 Chemical safety assessment	Non of the components is listed in the OSHA, IARC, NTP Carcinogens lists.

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### Other

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