

## 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-VCB   |
|            | Product Name:  | Safestore Varied Carpet Beetle Easyread Trap Kit  |
|            | Active Ingredient:   | (Z)-5-Undecenoic acid;(E)-5-Undecenoic acid   |
|            | CAS Number:  | 67270-85-3;62472-76-8   |
|            | 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)-5-Undecenoic acid;(E)-5-Undecenoic acid  
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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### 6 Accidental Release Measures

- |            |   |  |
|------------|---|--|
| <b>6.1</b> | Personal precautions, protective equipment and emergency procedures | No protective apparatus necessary for clean-up.  |
| <b>6.2</b> | Environmental precautions   | The material should be prevented from contaminating soil or from entering sewage and drainage systems. |
| <b>6.3</b> | Methods and material for containment and cleaning up                | Dispose of in approved manner.   |
| <b>6.4</b> | Reference to other sections   | Not applicable.  |

### 7 Handling and Storage

- |            |  |   |
|------------|--|---|
| <b>7.1</b> | 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>  |
| <b>7.2</b> | 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> |
| <b>7.3</b> | Specific end use(s)  | Insect attraction for the purpose of monitoring the target species.   |

### 8 Exposure Controls/ Personal Protection

- |            |                    |  |
|------------|--------------------|--|
| <b>8.1</b> | Control parameters | <p>VENTILATION: Mechanical (general)</p> <p>RESPIRATORY: Usually not required.</p>   |
| <b>8.2</b> | Exposure controls  | <p>SKIN: Rubber gloves</p> <p>EYES: Splash-proof safety glasses.</p> <p>OTHER PROTECTIVE EQUIPMENT: Safety shower, eye wash.</p> |

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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 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. |
|------|-------------------------|---|

### 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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