# COSHH Risk Assessment No: 059

## Product Name: Flying Insect Killer

| | |
|---|---|
| Registration number – HSE 8771 | Appearance – Aerosol canister (Red Lid) |
| Describe the activity or work process. *(Inc. how long/ how often this is carried out and quantity substance used)* | Ready to use Insecticide aerosol can (400ml) for the treatment of insects. For flying insects apply into air for 5-10 secs. For crawling insects apply directly to insects or as a crack and crevice treatment for a maximum of 2 secs per application. |
| Location of process being carried out? | For indoor use only |
| Identify the persons at risk: | Employees ☑ Sub-contractors ☐ Public ☑ |
| Name the substance involved including active ingredient, in the process and its manufacturer. | Flying Insect Killer (Envu)<br>Active Ingredients – d-Tetramethrin (0.15%) w/w, 1R-trans Phenothrin (0.15%) w/w |

### Classification *(state the category of danger)*

| | | | | | |
|---|---|---|---|---|---|
| ☐ | **Very Toxic – if swallowed** | ☐ | **Irritant - dermatitis causing** | ☑ | **Extremely Flammable** |
| ☐ | **Toxic – if swallowed** | ☐ | **Sensitising** | ☐ | **Highly Flammable** |
| ☐ | **Corrosive** | ☐ | **Biological** | ☐ | **Flammable** |
| ☐ | **Harmful - if swallowed** | ☐ | **Oxidising** | ☑ | **Dangerous for environment** |

### Hazard Type

| Gas | Vapour | Mist | Fume | Dust | Liquid | Solid | Other (State) |
|---|---|---|---|---|---|---|---|
| ☐ | ☑ | ☑ | ☑ | ☐ | ☑ | ☐ | ☐ |

### Route of Exposure

| Inhalation | Skin | Eyes | Ingestion | Other | (State) |
|---|---|---|---|---|---|
| ☑ | ☑ | ☑ | ☐ | ☐ | |

### Workplace Exposure Limits (WELs) *please indicate n/a where not applicable*

| | |
|---|---|
| n/a | Short-term exposure level (15 mins): n/a |

### State the Risks to Health from Identified Hazards

**EC Classification:**
H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H410 Very toxic to aquatic life with long lasting effects.

### Control Measures:

Consider non-toxic or least toxic option before application
Always read label / MSDS before use and comply with details.
Remove non target organisms / People during application
Cover water tanks / fish bowls before application
Remain in control of substance at all times.

Isolate and vacate room treated room for at least 15 minutes
Ventilate upon re-entry
Records to be kept on usage and location in pest control master file.
Operator to wear suitable PPE when handling and applying. As detailed below. Records of PPE maintenance to be held centrally.
Do not pierce can

**Safety Phrases:**
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P260 Do not breathe spray.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

Is health surveillance or monitoring required? Yes ☐ **No** ☑

## Personal Protective Equipment *(state type and standard)*

| | | | |
|---|---|---|---|
| Dust mask ☐ | | Visor ☐ | |
| Respirator ☐ | | Goggles ☑ | Goggles to EN166 |
| Gloves ☑ | Gloves to thickness of 0.4mm | Overalls ☐ | |
| Footwear ☑ | Steel toe cap boots to be worn as per company dress code. | Other ☐ | |

## First Aid Measures

**Inhalation:** If abnormal over-exposure and inhalation of the aerosol occurs, the following advice is applicable: Move to fresh air. Keep patient warm and at rest. Call a physician or poison control centre immediately.
**Skin:** Immediately wash with plenty of soap and water for at least 15 minutes. Warm water may increase the subjective severity of the irritation/paraesthesia. This is not a sign of systemic poisoning. In case of skin irritation, application of oils or lotions containing vitamin E may be considered. If symptoms persist, call a physician
**Eyes:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Warm water may increase the subjective severity of the irritation/paraesthesia. This is not a sign of systemic poisoning. Apply soothing eye drops, if needed anaesthetic eye drops. Get medical attention if irritation develops and persists.
**Ingestion:** Keep at rest. Rinse mouth. Do NOT induce vomiting. Call a physician or poison control centre immediately.

## Storage / Spillage

**Storage:** BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Store in original container and out of the reach of children, preferably in a locked storage area. Keep away from direct sunlight. Protect from freezing. Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from frost.
**Spillage –** Clean spillages immediately. Avoid entry to watercourses

## Disposal of Substances & Contaminated Containers

**Hazardous Waste** ☑ Skip ☐ Return to Depot ☐ Return to Supplier ☑ Other ☐

(If Other Please State):.....

## Summary

Unlikely to cause harmful effects to opertaor or members of the public under normal conditions. Product used in small quantities and low concentration of active ingredient. Used in accordance to label this product presents minimal risk to health

## Risk Rating Following Control Measures

High ☐ Medium ☐ **Low** ☑

Assessed by: Brian Duffin Date: 19/12/2025 Review Date: January 2027