

# COSHH Assessment Form

**Product Name:** Eradisect Natural Insect Killer Single Shot

**Assessment Date:** 8th May 2025

**Assessor:** Ben West

**Company:** Pest King Ltd

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## 1. Substance/Preparation Information

- **Product Name:** Eradisect Natural Insect Killer Single Shot
  - **Manufacturer/Supplier:** 1env Solutions
  - **Product Code/Reference:** Not specified
  - **Physical Form:** Aerosol spray
  - **Colour:** Not specified
  - **Odour:** Not specified
  - **Active Ingredient:** Chrysanthemum cinerariaefolium extract (natural pyrethrins)
  - **Concentration of Active Ingredient:** 0.2% w/w
  - **Intended Use:** Broad-spectrum space and surface spray for the control of flying and crawling insects such as flies, mosquitoes, ants, cockroaches, wasps, earwigs, silverfish, fleas, beetles, bedbugs, moths, booklice, mites, and dust mites .
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## 2. Hazard Identification

- **Hazard Classification (CLP):**
  - H222: Extremely flammable aerosol
  - H229: Pressurised container: may burst if heated
  - H336: May cause drowsiness or dizziness
  - H410: Very toxic to aquatic life with long-lasting effects
  - EUH208: Contains pyrethrins. May produce an allergic reaction .
- **Hazard Statements:**
  - H222: Extremely flammable aerosol
  - H229: Pressurised container: may burst if heated
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- **Precautionary Statements:**

- P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking
  - P211: Do not spray on an open flame or other ignition source
  - P251: Do not pierce or burn, even after use
  - P261: Avoid breathing spray
  - P271: Use only outdoors or in a well-ventilated area
  - P273: Avoid release to the environment
  - P391: Collect spillage
  - P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F
  - P501: Dispose of contents/container in accordance with national regulations .
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### 3. Exposure Controls/Personal Protection

- **Engineering Controls:**

- Use only in well-ventilated areas
- Avoid spraying in confined spaces without adequate ventilation

- **Personal Protective Equipment (PPE):**

- **Eye Protection:** Safety goggles to protect from accidental splashes
  - **Hand Protection:** Nitrile or rubber gloves when handling the product
  - **Respiratory Protection:** Not required under normal conditions. If working in poorly ventilated areas, consider a mask with a particle filter
  - **Skin Protection:** Long-sleeved clothing to reduce the risk of skin contact
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### 4. First Aid Measures

- **Inhalation:** Move to fresh air if inhaled. Seek medical attention if symptoms develop or persist
  - **Skin Contact:** Wash thoroughly with soap and water. If irritation occurs, consult a doctor
  - **Eye Contact:** Rinse immediately with water for at least 15 minutes, keeping eyelids open. Seek medical attention if irritation persists
  - **Ingestion:** Do not induce vomiting. Seek immediate medical attention. Provide product information to medical personnel
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## 5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, foam, dry powder, or CO<sub>2</sub>
  - **Unsuitable Extinguishing Media:** Do not use high-volume water jet
  - **Special Hazards:**
    - Aerosol containers may explode when exposed to high temperatures
    - Combustion may release toxic fumes
  - **Protective Equipment:** Firefighters should wear self-contained breathing apparatus and full protective clothing
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## 6. Accidental Release Measures

- **Personal Precautions:** Use appropriate PPE, including gloves and protective clothing. Avoid inhalation of aerosol
  - **Environmental Precautions:** Prevent foam from entering drains, waterways, or soil
  - **Methods for Cleaning Up:**
    - Ventilate the area
    - Absorb spilled material with absorbent material and place in a labeled container for disposal
    - Wash the affected area with water and detergent
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## 7. Handling and Storage

- **Handling:**
    - Avoid direct contact with skin, eyes, or clothing
    - Do not spray near food, drink, or animal feed
    - Keep away from open flames and high temperatures
  - **Storage:**
    - Store in original containers in a cool, dry, well-ventilated area
    - Protect from direct sunlight and temperatures exceeding 50°C
    - Keep out of reach of children, pets, and non-target species
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## 8. Exposure Controls and Personal Protection

- **Workplace Exposure Limit (WEL):** Not applicable; minimize exposure wherever possible
- **PPE Requirements:** As described in Section 3

## 9. Disposal Considerations

- **Waste Disposal Methods:**
    - Dispose of unused product, packaging, and empty aerosol cans in accordance with local hazardous waste regulations
    - Do not puncture or incinerate aerosol containers, even when empty
    - Do not dispose of household waste or waterways
  - **Packaging Disposal:** Follow local regulations for recycling or disposal of aerosol containers
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## 10. Transport Information

- **UN Number:** 1950 (Aerosols)
  - **Transport Hazard Class:** Class 2.1 (Flammable gas)
  - **Packing Group:** Not applicable
  - **Special Precautions for User:** Ensure containers are securely packed and protected from damage during transport
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## 11. Regulatory Information

- **COSHH Regulations Compliance:** Classified as hazardous under UK COSHH regulations due to the presence of pyrethrins
  - **Other Legislation:**
    - Control of Pesticides Regulations 1986 (as amended)
    - Environmental Protection Act 1990
    - The Health and Safety at Work Act 1974
    - Waste (Scotland) Regulations 2011
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## 12. Other Information

- **Date of Last Review:** 8th May 2025
- **Changes to Previous Version:** First assessment for this product
- **References:** Manufacturer's Safety Data Sheet (SDS) for Eradisect Natural Insect Killer Single Shot