

COSHH Assessment Form

Product Name: Ecorex Action Plus

Assessment Date: 8th May 2025

Assessor: Ben West

Company: Pest King Ltd

1. Substance/Preparation Information

- **Product Name:** Ecorex Action Plus
 - **Manufacturer/Supplier:** Mylva S.A.
 - **Product Code/Reference:** HSE Approval No. 10358
 - **Physical Form:** Concentrated aqueous emulsion
 - **Colour:** White liquid
 - **Odour:** Very low odour
 - **Active Ingredients:**
 - Permethrin (15%)
 - Tetramethrin (1%)
 - Piperonyl Butoxide (5%)
 - **Concentration of Active Ingredients:** As above
 - **Intended Use:** Professional insecticide for flying and crawling insects in indoor and outdoor environments
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2. Hazard Identification

- **Hazard Classification (CLP):**
 - Carcinogenicity Category 2 (H351)
 - Skin Sensitisation Category 1 (H317)
 - Aquatic Acute Category 1 (H400)
 - Aquatic Chronic Category 1 (H410)
- **Hazard Statements:**
 - H317: May cause an allergic skin reaction
 - H351: Suspected of causing cancer
 - H410: Very toxic to aquatic life with long lasting effects

- **Precautionary Statements:**

- P261: Avoid breathing vapours/spray
 - P280: Wear protective gloves/protective clothing/eye protection
 - P273: Avoid release to the environment
 - P391: Collect spillage
 - P501: Dispose of contents/container in accordance with local regulations
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3. Exposure Controls/Personal Protection

- **Engineering Controls:**

- Ensure adequate ventilation during application
- Avoid spraying in confined spaces without proper ventilation

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

- **Eye Protection:** Safety goggles or face shield
 - **Hand Protection:** Nitrile or rubber gloves
 - **Respiratory Protection:** Not required under normal conditions. If working in poorly ventilated areas or mist is present, wear a half-mask respirator with A2P3 filters
 - **Skin Protection:** Long-sleeved clothing and protective footwear
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4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms develop or persist
 - **Skin Contact:** Wash thoroughly with soap and water. Remove contaminated clothing. Seek medical advice if irritation develops
 - **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. Rinse mouth. Seek immediate medical attention
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5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Foam, dry powder, CO₂, or water spray
- **Unsuitable Extinguishing Media:** Direct water jet
- **Special Hazards:**
 - Product may produce toxic fumes under fire conditions
 - Containers may burst under heat

- **Protective Equipment:** Firefighters should wear full protective gear and self-contained breathing apparatus
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6. Accidental Release Measures

- **Personal Precautions:** Use PPE. Avoid breathing vapour or spray
 - **Environmental Precautions:** Prevent product from entering drains or watercourses
 - **Methods for Cleaning Up:**
 - Contain spill with inert absorbent material
 - Collect into a labelled container for safe disposal
 - Clean area with detergent and water
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7. Handling and Storage

- **Handling:**
 - Avoid contact with skin, eyes, and clothing
 - Do not breathe spray
 - Wash hands thoroughly after handling
 - **Storage:**
 - Keep in original container
 - Store in a cool, dry, well-ventilated area
 - Protect from extreme temperatures and direct sunlight
 - Keep out of reach of children and pets
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8. Exposure Controls and Personal Protection

- **Workplace Exposure Limit (WEL):** No specific WELs for ingredients, but minimize exposure
 - **PPE Requirements:** As detailed in Section 3
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9. Disposal Considerations

- **Waste Disposal Methods:**
 - Dispose of unused product and empty containers in accordance with local hazardous waste regulations
 - Do not reuse or pierce containers
 - Do not contaminate drains, watercourses, or soil
 - **Packaging Disposal:** Dispose of safely via licensed waste contractor, in compliance with UK regulations
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10. Transport Information

- **UN Number:** UN 3082
 - **Transport Hazard Class:** Class 9 – Miscellaneous dangerous substances
 - **Packing Group:** III
 - **Special Precautions for User:** Ensure containers are secure and upright. Avoid contact with other chemicals in transit
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11. Regulatory Information

- **COSHH Regulations Compliance:** Classified as hazardous under UK COSHH regulations due to the presence of permethrin and tetramethrin
 - **Other Legislation:**
 - Control of Pesticides Regulations 1986 (as amended)
 - REACH Regulations (EC) 1907/2006
 - The Health and Safety at Work Act 1974
 - Environmental Protection Act 1990
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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 Ecorex Action Plus