

# COSHH Assessment Form

**Product Name:** Cimetro Super EW

**Assessment Date:** 8th May 2025

**Assessor:** Ben West

**Company:** Pest King Ltd

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## 1. Substance/Preparation Information

- **Product Name:** Cimetro Super EW
  - **Manufacturer/Supplier:** PelGar International Ltd
  - **Product Code/Reference:** HSE No. 10078
  - **Physical Form:** Oil-in-water emulsion (liquid concentrate)
  - **Colour:** Pale yellow liquid
  - **Odour:** Mild, characteristic
  - **Active Ingredients:**
    - Cypermethrin: 25% w/w
    - Tetramethrin: 10% w/w
    - Piperonyl Butoxide: 20% w/w
    - Pyriproxyfen: 1% w/w
  - **Intended Use:** Professional insecticide for control of bed bugs, fleas, and other crawling and flying insects in indoor environments. To be diluted with water prior to use.
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## 2. Hazard Identification

- **Hazard Classification (CLP):**
  - Acute Toxicity (Oral) Category 4 (H302)
  - Acute Toxicity (Inhalation) Category 4 (H332)
  - Specific Target Organ Toxicity – Single Exposure Category 3 (H335)
  - Specific Target Organ Toxicity – Repeated Exposure Category 2 (H373)
  - Aquatic Acute Category 1 (H400)
  - Aquatic Chronic Category 1 (H410)
- **Hazard Statements:**
  - H302: Harmful if swallowed.
  - H332: Harmful if inhaled.

- H335: May cause respiratory irritation.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.

- **Precautionary Statements:**

- P260: Do not breathe spray, vapours.
- P264: Wash contaminated skin thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P314: Get medical advice/attention if you feel unwell.
- P391: Collect spillage.
- P403+P233: Store in a well-ventilated place. Keep container tightly closed.
- P405: Store locked up.
- P501: Dispose of contents/container in accordance with national regulations.

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### 3. Exposure Controls/Personal Protection

- **Engineering Controls:**

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

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

- **Eye Protection:** Safety goggles or face shield to prevent splashes.
  - **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, CO<sub>2</sub>, 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 cypermethrin and other active ingredients.
- **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 Cimetrol Super EW
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