

COSHH Risk Assessment – Cimetrol Super EW

1. Substance Information

Product Name: Cimetrol Super EW **Type:** Emulsion, oil-in-water insecticide concentrate (EW formulation)

Active Ingredients:

- Cypermethrin 26.88%
- Piperonyl Butoxide 21.28%
- Tetramethrin 10–30% **Manufacturer:** PelGar International Ltd, Alton, Hampshire GU34 2QR **Emergency Contact:** +44 (0)1420 80744

2. Intended Use

Professional use insecticide for control of flying and crawling insects in domestic, commercial and industrial premises. Applied by hand sprayer or fogging equipment to harbourages, surfaces, and voids. Use restricted to trained pest control technicians.

3. Hazard Identification

Classification (CLP):

- H302 – Harmful if swallowed
- H319 – Causes serious eye irritation
- H335 – May cause respiratory irritation
- H351 – Suspected of causing cancer (if swallowed)
- H371 – May cause damage to organs (nervous system) if inhaled
- H373 – May cause damage to organs (nervous system) through prolonged or repeated exposure
- H400 / H410 – Very toxic to aquatic life with long lasting effects

Signal Word: Warning **Pictograms:** GHS07, GHS08, GHS09

4. Routes of Exposure

- Inhalation of mist during spraying
- Skin contact with concentrate or treated surfaces
- Eye contact with splashes or aerosol droplets
- Accidental ingestion through contaminated hands

5. Control Measures (BPCA / HSE Hierarchy)

Elimination/Substitution: No less hazardous substitute available for required efficacy. **Engineering Controls:**

- Ensure adequate ventilation.
- Avoid enclosed area treatment without extraction or open windows. **Administrative Controls:**
- Limit access during and after application (minimum 2 hours).
- Keep record of treatment, exclusion times, and PPE used. **Personal Protective Equipment:**
- Type 5/6 disposable coveralls
- Nitrile gloves (EN 374)
- Safety goggles or face shield (EN 166)
- Half-mask respirator with A2P3 filter (EN 14387)
- Waterproof footwear

6. First Aid Measures

- **Inhalation:** Move to fresh air, keep at rest. Seek medical attention if symptoms persist.
- **Skin:** Wash immediately with soap and water. Remove contaminated clothing.
- **Eyes:** Rinse cautiously for at least 15 minutes. Seek medical advice if irritation continues.
- **Ingestion:** Rinse mouth, do not induce vomiting. Seek medical advice immediately.

Medical Guidance: Treat symptomatically. Observe for neurological or respiratory symptoms.

7. Spill and Emergency Procedures

- Contain using absorbent material (sand or earth).
- Prevent entry into drains or watercourses.
- Collect waste in labelled hazardous container for licensed disposal.
- For fire: use CO₂, dry powder, or foam (not water jet).

8. Storage and Handling

- Keep in original sealed container.
- Store in a cool, dry, well-ventilated area below 30°C.
- Keep away from food, feed and animal bedding.
- Store locked, and inaccessible to the public.

9. Environmental Protection

- Do not contaminate watercourses or drains.
- Collect spillage immediately.
- Dispose of contaminated material safely via licensed contractor.
- Observe HSE guidance on environmental risk reduction during pesticide use.

10. Disposal

Triple rinse containers and add washings to application tank. Dispose of residues and empty containers as hazardous waste (EWC 20 01 19*). Do not reuse or burn containers.

11. Health Surveillance

Maintain COSHH records for 5 years minimum. Monitor any adverse skin or respiratory effects due to potential sensitisation.

12. Assessment Review & Sign-Off

Technician: **Andy Wood** Date: **October 2025** Next Review Date: **October 2026**