

COSHH Assessment Form

Product Name: Vulcan® P5 DP
Assessment Date: 8th May 2025
Assessor: Ben West
Company: Pest King Ltd

1. Substance/Preparation Information

- **Product Name:** Vulcan® P5 DP
 - **Manufacturer/Supplier:** PelGar International Ltd
 - **Product Code/Reference:** HSE No. 7334
 - **Physical Form:** Fine dust
 - **Colour:** Off-white to grey
 - **Odour:** No characteristic odour
 - **Active Ingredient:** Permethrin (cis:trans 25:75)
 - **Concentration of Active Ingredient:** 0.5% w/w
 - **Intended Use:** Ready-to-use insecticidal dust for the control of crawling and resting flying insects in domestic, commercial, and industrial premises .
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2. Hazard Identification

- **Hazard Classification (CLP):**
 - H410: Very toxic to aquatic life with long-lasting effects
 - EUH208: Contains permethrin. May produce an allergic reaction
- **Hazard Statements:**
 - H410: Very toxic to aquatic life with long-lasting effects
 - EUH208: Contains permethrin. May produce an allergic reaction
- **Precautionary Statements:**
 - P273: Avoid release to the environment
 - P391: Collect spillage
 - P501: Dispose of contents/container in accordance with national regulations
 - P102: Keep out of reach of children
 - P103: Read label before use
 - P260: Do not breathe dust

- P270: Do not eat, drink or smoke when using this product
 - P262: Do not get in eyes, on skin, or on clothing .
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3. Exposure Controls/Personal Protection

- **Engineering Controls:**
 - Use mechanical ventilation if there is a risk of handling causing formation of airborne dust
 - Avoid generating and spreading dust
 - **Personal Protective Equipment (PPE):**
 - **Eye Protection:** Safety goggles or face shield to prevent dust contact
 - **Hand Protection:** Chemical-resistant gloves (e.g., nitrile or rubber)
 - **Respiratory Protection:** If dust is present, wear a half-mask respirator with P3 filters compliant with EN149 FFP3 or EN140 P3 standards
 - **Skin Protection:** Long-sleeved protective 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:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Seek medical advice if irritation develops
 - **Eye Contact:** Rinse immediately with plenty of 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:** Water spray, foam, dry powder, or CO₂
 - **Unsuitable Extinguishing Media:** Do not use high-volume 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 appropriate PPE. Avoid inhalation of dust
 - **Environmental Precautions:** Prevent product from entering drains or watercourses
 - **Methods for Cleaning Up:**
 - Collect spillage using a vacuum cleaner equipped with a HEPA filter or by damp sweeping
 - Place collected material in a suitable container for disposal
 - Wash the affected area with water and detergent .
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7. Handling and Storage

- **Handling:**
 - Avoid contact with skin, eyes, and clothing
 - Do not breathe dust
 - Wash hands thoroughly after handling
 - **Storage:**
 - Store in original, tightly closed containers in a cool, dry, well-ventilated area
 - Keep away from food, drink, and animal feeding stuffs
 - Keep out of reach of children and non-target animals .
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8. Exposure Controls and Personal Protection

- **Workplace Exposure Limits (WEL):**
 - Talc: 1 mg/m³ (8-hour TWA)
 - China Clay: 4 mg/m³ respirable dust (8-hour TWA)
 - Silicon Dioxide: 6 mg/m³ total dust (8-hour TWA) .
 - **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 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 3077
 - **Transport Hazard Class:** Class 9
 - **Packing Group:** III
 - **Proper Shipping Name:** Environmentally hazardous substance, solid, n.o.s. (contains permethrin)
 - **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
 - **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 Vulcan® P5 DP
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