



SAFETY DATA SHEET

Vulcan P5 DP (HSE No.:7334)

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Revision No. 1

Issue date: 01 September 2005

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

| | |
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| Product name | Vulcan P5 DP |
| Company | PelGar International Ltd Unit 13, Newman Lane Industrial Estate, Newman Lane, Alton, Hampshire GU34 2QR |
| Telephone | Tel +44 (0) 1420 80744 |
| Telefax | Fax +44 (0) 1420 80733 |
| Product code | 100 |

2. COMPOSITION/INFORMATION ON INGREDIENTS

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| Hazardous components | Silicon dioxide 10-20% |
| | Propylene Glycol DiAcetate 1-10% CAS: 623-84-7 EINECS: 210-817-6 |
| | China Clay 60-70% |
| | Permethrin 0-0.5% Xn;N;R20/22-43-50/53 |

3. HAZARDS IDENTIFICATION

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| Most important hazards | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
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4. FIRST AID MEASURES

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| Skin contact | Remove contaminated clothing Wash off immediately with soap and plenty of water. If irritation persists obtain medical attention Contaminated clothing should be washed and dried before re-use |
| Eye contact | Rinse immediately with plenty of water for at least 15 minutes. If irritation persists obtain medical attention |
| Inhalation | Move to fresh air. Obtain medical advice immediately. |
| Ingestion | Do not induce vomiting. If conscious give a small amount of milk or water to drink and obtain medical attention. Show the container label or this safety data sheet to the doctor |
| General advice | In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). |

5. FIRE-FIGHTING MEASURES

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| Suitable extinguishing media | The product itself does not burn. Keep fire exposed containers cool by spraying with water if exposed to fire. Fight surrounding fire with dry chemical foam or waterspray |
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| Extinguishing media which must not be used for safety reasons | Do not use water jets |
| Specific hazards | This product is not flammable May decompose if involved in a fire, producing toxic and irritant fumes. |
| Special protective equipment for firefighters | In the event of fire, wear a self-contained breathing apparatus and a chemical protection suit, gloves and boots. |

6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions | Wear suitable protective clothing, gloves and eye/face protection. See section 8. |
| Environmental precautions | Prevent further leakage or spillage if safe to do so. Contain leaking product with earth or sand. Prevent product entering water courses, sewers or basements. If substance has entered a water course or sewer or contaminated soil or vegetation, inform the appropriate authority. |
| Methods for cleaning up | Contain leaking product with earth or sand. Transfer to a suitably labelled container. Subsequently, wash the contaminated area with water, taking care to prevent the washings entering sewers or drains. |

7. HANDLING AND STORAGE

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| Handling | Avoid dust formation. If dusts are likely, wear a suitable approved respirator and tight fitting goggles. If skin contact is likely to occur wear rubber gloves and suitable impervious protective clothing. Always use good personal hygiene procedures when handling chemicals. Use in a well ventilated area where possible. Do not smoke eat or drink while handling this product. Wash hands, face and exposed skin after using, and before eating, drinking or smoking. Read the label before use. |
| Storage | Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Exposure limit(s) | Silicon dioxide TWA(mg/m3):6 (Total Dust) 2.4 (Respirable dust). Propylene Glycol DiAcetate TWA(ppm):Not given China Clay TWA(mg/m3):2 (Respirable dust) STEL(mg/m3):Not Given |
| Engineering measures | Ensure adequate ventilation, especially in confined areas. |
| Respiratory protection | In case of insufficient ventilation wear suitable respiratory equipment. |
| Hand protection | Rubber or plastic gloves |
| Eye protection | Tight fitting goggles if exposed to excessive dust. |
| Skin and body protection | Impervious clothing boots |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Description | Powder |
| Colour | Off-white |
| Odour | Characteristic |
| Boiling point/range | No data |
| Flash point | Not applicable |
| Flammability (solid, gas) | Finely dispersed dust clouds may cause a dust explosion |
| Oxidising properties | Not applicable |
| Vapour pressure | Not available |
| Relative density | 0.6 (Bulk density) |
| Water solubility | Insoluble |

10. STABILITY AND REACTIVITY

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| Stability | Stable under normal conditions. |
| Conditions to avoid | Heat, flames and sparks. |
| Hazardous decomposition products | Combustion or thermal decomposition will produce toxic and irritant fumes |

11. TOXICOLOGICAL INFORMATION

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| Acute toxicity | ORL RAT LD50 >10000mg/kg DERMAL RAT LD50 > 4000mg/kg |
| Sensitisation | May cause sensitisation of susceptible persons by skin contact or by inhalation of aerosol or dust. |
| Repeated or prolonged exposure | Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation of susceptible persons. |
| mutagenic effects | Not available |
| carcinogenic effects | Not available |

12. ECOLOGICAL INFORMATION

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| Ecotoxicity effects | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
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13. DISPOSAL CONSIDERATIONS

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| General Information | Dispose of in accordance with local regulations. |
| Contaminated packaging | Dispose of as unused product. |

14. TRANSPORT INFORMATION

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| Further Information | Not Classified as dangerous for transport. |
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15. REGULATORY INFORMATION

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| Labelling | Covered by the Control of Pesticides Regulations (1986). It has been labelled in accordance with those regulations. |
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| Symbol(s): | N - Dangerous for the environment |
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| R-phrase(s) | R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
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| S-phrase(s) | To avoid risks to man and the environment, comply with the instructions for use. S29 - Do not empty into drains. S60 - This material and its container must be disposed of as hazardous waste. S61 - Avoid release to the environment. Refer to special instructions/safety data sheets. |
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16. OTHER INFORMATION

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| Text of R phrases mentioned in Section 2 | R20/22 - Harmful by inhalation and if swallowed. R43 - May cause sensitization by skin contact. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| Other information | HSE No.:7334 |
| Recommended restrictions | Insecticide for professional use only. |
| Sources of key data used to compile the datasheet | CHIP 2005 EH40 Raw material suppliers Safety Data Sheets. |
| Replaces | Revision No.: 0 Changes to Section 2, 3, 12, 15, 16 |

