# SAFETY DATA SHEET

## Human PD-1/PDCD1 Protein

Catalog No. PD1-HP007

## 1. PRODUCT AND COMPANY INFORMATION

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| **1.1 Catalog Number** | PD1-HP007 |
| **1.2 Product Name** | Human PD-1/PDCD1 Protein |
| **1.3 Supplier / Manufacturer** | Suzhou Puweituo Biotechnology Co., Ltd. |
| **Telephone / E-mail** | 400-829-0116 \| order@provetop.com |
| **1.4 Application of the substance or mixture** | For Research Use Only. |

## 2. HAZARDS IDENTIFICATION

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|---|---|
| **2.1 Classification of the substance or mixture** | Not a hazardous substance or mixture. |
| **2.2 GHS Label elements, including precautionary statements** | Not a hazardous substance or mixture. |
| **2.3 Other hazards** | None known. |

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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| **3.1 Ingredients** | This product does not contain any hazardous substances and carcinogens. |
| **Carcinogenicity** | This product does not contain any hazardous substances and carcinogens. |

## 4. FIRST AID MEASURES

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| **4.1 Description of first aid measures - Eye contact** | Flush with copious amounts of water for at least 15 minutes. Consult a doctor if necessary. |
| **Skin contact** | Rinse with plenty of water. Remove contaminated clothing and wash before reuse. |
| **Inhalation** | Move to fresh air. Consult a doctor if breathing becomes difficult. |
| **Ingestion** | Rinse mouth and drink water if swallowed. Do not induce vomiting without professional guidance. |
| **4.2 Most important symptoms and effects** | Not applicable. |

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## 5. FIRE FIGHTING MEASURES

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| **5.1 Suitable extinguishing media** | Use water spray, dry chemical, foam, or carbon dioxide as appropriate for the surrounding fire. |
| **5.2 Unsuitable extinguishing media** | No information available. |
| **5.3 Precautions for fire-fighters** | Wear suitable protective clothing and self-contained breathing apparatus where required. |

## 6. ACCIDENTAL RELEASE MEASURES

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| **6.1 Personal precautions** | Use personal protective equipment and minimize direct contact with skin or eyes. |
| **6.2 Methods for clean up** | Collect material in appropriate containers for disposal. Ventilate and wash the affected area. |

## 7. HANDLING AND STORAGE

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| **7.1 Precautions for safe handling** | Avoid contact with eyes, skin and clothing. Follow standard laboratory hygiene practices. |
| **7.2 Storage** | Store according to the approved product data sheet and certificate of analysis. |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| **8.1 Control parameters** | Contains no substances with occupational exposure limit values. |
| **8.2 Engineering controls** | Ensure adequate ventilation, especially in confined areas. |
| **8.3 Eye protection** | Wear appropriate safety glasses. |
| **Skin and body protection** | Wear appropriate protective clothing and gloves. |

## 9. CHEMICAL AND PHYSICAL PROPERTIES

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| **Appearance** | Lyophilized powder or liquid. |
| **Other information** | No further information available. |

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## 10. STABILITY AND REACTIVITY

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| **Chemical stability** | Stable under recommended storage conditions. |
| **Hazardous reactions** | No hazardous polymerization reaction occurs. |

## 11. TOXICOLOGICAL INFORMATION

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| **General information** | Handle in accordance with standard laboratory practices. Avoid contact with eyes, skin and clothing. |

## 12. ECOLOGICAL INFORMATION

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| **General information** | Avoid release to the environment. |

## 13. DISPOSAL INFORMATION

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| **Disposal considerations** | Dispose of this product and its container in accordance with local regulations. |

## 14. TRANSPORTATION INFORMATION

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| **IATA DGR / IMDG Code** | Non-hazardous for transport. |

## 15. REGULATORY INFORMATION

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| **Regulatory information** | No information available. |

## 16. OTHER INFORMATION

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| **16.1 Disclaimer** | The information is provided as a guide and does not constitute a warranty. Use all materials with appropriate laboratory caution. |
| **16.2 Further information** | Not for human use. |