

## PDP3 Peptide, cell permeable

Material Safety Datasheet

Catalogue No.: P010-610

Unit Size: 1 mg

## Materials Safety Data Sheet

### Section I: Product and Company Information

|               |  |
|---------------|--|
| Compound code | P010-610   |
| Sequence      | Ac-RRKRPKRKRKNARVTF-Bpa-EAAEII-NH <sub>2</sub>             |
| Company       | Badrilla Ltd.<br>15 Queen Square<br>Leeds<br>LS2 8AJ<br>UK |
| Telephone     | +44 (0) 7801 730618  |

### Section II: Composition/Information on Ingredients

|                   |   |
|-------------------|---|
| Summary           | Synthetic peptide; hazards unknown. Avoid inhalation, eye and skin contact. Suitable for research purposes only.  |
| Other ingredients | The product was purified in Acetonitrile and water containing 0.1 % Trifluoroacetic acid prior to lyophilisation. The product will therefore be present as its Trifluoroacetic acid salt. |
| CAS #             | None/Unknown  |
| LD50              | N/A   |

### Section III: Hazards Identification

For custom peptides, the chemical, physical and toxicological properties have not been investigated

Relevant routes of exposure include inhalation, ingestion, skin contact, and eye contact.

#### Section IV: First Aid Measures

|                     |  |
|---------------------|--|
| General information | No special measures required.  |
| After inhalation    | Supply fresh air; consult doctor in case of complaints.  |
| After skin contact  | Immediately wash with water and soap and rinse thoroughly. If skin irritation persists, call a doctor. |
| After eye contact   | Rinse for several minutes under running water, then consult a doctor.                                  |
| After ingestion     | Induce vomiting and call for medical help.   |

#### Section V: Fire Fighting Measures

|                                    |  |
|------------------------------------|--|
| Flash point                        | Not available  |
| Autoignition temp                  | Not available  |
| Flammability                       | Not available  |
| Extinguishing media                | Water spray, carbon dioxide, dry chemical powder, or appropriate foam extinguishers.                   |
| Fire fighting protective equipment | Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. |
| Specific hazard(s)                 | May emit toxic fumes under fire conditions.  |

#### Section VI: Accidental Release Measures

|                                   |   |
|-----------------------------------|---|
| Person-related safety precautions | Wear appropriate personal protective equipment to minimize direct contact with skin or eyes and prevent inhalation of dust. |
| Measures for cleaning/collecting  | Use damp cloth to clean up, place in a bag and hold for waste disposal. Avoid raising dust.                                 |

#### Section VII: Handling and Storage

|          |  |
|----------|--|
| Handling | Universal precautions should be followed when using this product.                    |
| Storage  | Store according to the instructions in the customer report and/or product labelling. |

## Section VIII: Exposure Controls and Personal Protection

|  |  |
|--|--|
| General protective and hygienic measures | Keep away from foodstuffs and beverages. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. |
| Protection of hands                      | Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly.   |
| Skin and body protection                 | Wear appropriate body protection to prevent skin contact.  |
| Eye protection                           | Wear appropriate eye protection to prevent eye contact.  |

## Section VIII: Physical and Chemical Properties

|                                       |  |
|---------------------------------------|--|
| Melting point                         | N/A  |
| Boiling point                         | N/A  |
| Vapour pressure (mm Hg)               | N/A  |
| Vapour density (AIR=1)                | N/A  |
| Specific gravity (H <sub>2</sub> O=1) | Unknown  |
| Solubility in water                   | Sparingly soluble. It is advised to dissolve in DMSO prior to the addition of water. |
| Appearance and odour                  | Off-white powdered solid   |

## Section X: Stability and Reactivity

|                                  |   |
|----------------------------------|---|
| Stability                        | Stability unknown, Recommended storage at ≤ -20°C |
| Polymerization                   | Unknown   |
| Hazardous decomposition products | Nature of decomposition products not known.       |

## Section XI: Toxicological Information

For custom peptides the toxicological properties have not been investigated.

|                 |  |
|-----------------|--|
| Skin contact    | May cause skin irritation.                   |
| Skin absorption | May be harmful if absorbed through the skin. |

**Inhalation**

Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

**Section XII: Ecological Information**

No information available

**Section XIII: Disposal Considerations**

Dispose in accordance with applicable laws.

**Section XIV: Transport Information**

RID/ADR: Non-hazardous for road transport. IMDG:

Non-hazardous for sea transport.

IATA: Non-hazardous for air transport.

**Section XV: Regulations**

Special training:

No special training is anticipated, however, the worker should be well instructed for the execution of this task, have knowledge of this Safety Data Sheet and normal training in use of personal protective equipment.

**WARRANTY**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Peptide Protein Research Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.

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