

## SAFETY DATA SHEET

| Section 1 Identification: Product identifier and chemical identity |                                                                                                                                                                             |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:                                                      | Human IGFBP-4                                                                                                                                                               |
| Description:                                                       | Freeze-dried preparation of recombinant human insulin-like growth factor binding protein-4                                                                                  |
| CAS number:                                                        | None                                                                                                                                                                        |
| Use of Substance:                                                  | Laboratory chemical.<br><b>This product is not intended for human or therapeutic use</b>                                                                                    |
| Company                                                            | GroPep Bioreagents Pty Ltd<br>PO Box 10065<br>Adelaide Business Centre<br>Adelaide SA 5000<br>Australia                                                                     |
| Telephone:                                                         | +61 (0)8 7222 1051                                                                                                                                                          |
| Product Codes:                                                     | BP4BU020, BP4BU100                                                                                                                                                          |
| Section 2 Hazard Identification                                    |                                                                                                                                                                             |
| Classification:                                                    | Not a hazardous substance or mixture.                                                                                                                                       |
| GHS classification:                                                | Does not meet the classification criteria of NICNAS, EC Directives 67/548/EEC, 1999/45/EC or 1272/2008                                                                      |
| GHS labelling:                                                     | Does not need to be labelled in accordance with EC directives or respective national laws.                                                                                  |
| Special hazards:                                                   | None                                                                                                                                                                        |
| Section 3 Composition and information on ingredients               |                                                                                                                                                                             |
| Human insulin-like growth factor binding protein-4                 | % w/w 85 - 99                                                                                                                                                               |
| Section 4 First Aid Measures                                       |                                                                                                                                                                             |
| Inhalation:                                                        | If dust is inhaled, remove from contamination. Encourage patient to blow nose to ensure clear breathing passage. If irritation or discomfort occurs, seek medical attention |
| Skin contact:                                                      | In case of contact with skin, wash the affected area with soap and water. If irritation or discomfort occurs, seek medical attention                                        |
| Eye contact:                                                       | In case of contact with eyes, flush thoroughly with water and seek medical attention                                                                                        |
| Ingestion:                                                         | In case of accidental swallowing, rinse the mouth with water and seek medical attention                                                                                     |
| Section 5 Fire-Fighting Measures                                   |                                                                                                                                                                             |
| Protection against fire:                                           | No special requirements                                                                                                                                                     |
| Suitable extinguishing media:                                      | Water Spray, Dry Chemical powder or appropriate foam                                                                                                                        |
| Unsuitable extinguishing media:                                    | None                                                                                                                                                                        |
| Hazardous combustion products:                                     | None                                                                                                                                                                        |

## Section 6 Accidental Release Measures

Personal Precautions: See Section 8  
 Cleaning Method: Carefully sweep up powder, place in a closed container and hold for waste disposal. Wash area thoroughly with water after clean-up is complete

## Section 7 Handling and Storage

Handling: Avoid generating or breathing dust. Limit all unnecessary personal contact. Standard laboratory practices recommended  
 Storage: Store at 2 - 8°C

## Section 8 Exposure Controls / Personal Protection

Eye Protection: Safety glasses or goggles required  
 Hand Protection: Wear general protective gloves e.g. light weight rubber gloves  
 General Hygiene: Handle in accordance with good industrial hygiene and safety practices

## Section 9 Physical and Chemical Properties

Appearance: White/creamy, odourless crystalline powder  
 Solubility: Partially soluble in water

## Section 10 Stability and Reactivity

Reactivity: No data available  
 Stability: Stable under normal conditions  
 Conditions to Avoid: None known  
 Incompatible material: None known  
 Hazardous decomposition: None known

## Section 11 Toxicological Information

Acute Toxicity: No known significant effect  
 Irritation: May irritate skin and/or eye  
 Sensitization: No known significant effect  
 Carcinogenicity: No known significant effect  
 Mutagenicity: No known significant effect  
 Teratogenicity: No known significant effect

## Section 12 Ecological Information

Ecotoxicity: The substance is readily biodegradable  
 No known data

## Section 13 Disposal Considerations

Waste Disposal: Handle in accordance with local, state and federal regulations

## Section 14 Transport Information

Transport Regulations: Not subject to current regulations for transport of hazardous materials according to IATA, IMDG, DOT, ADR/RID/ADN

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| <b>Section 15</b> | <b>Regulatory Information</b> |
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Not classified as hazardous according to OHS/SARA/CWA/CAA  
Not classified as hazardous according to EC 1272/2008

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| <b>Section 16</b> | <b>Other Information</b> |
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**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification.