



## HYDROLYSED WHEAT PROTEIN SAFETY DATA SHEET

### SECTION 1: MATERIAL & SUPPLY COMPANY IDENTIFICATION

#### 1.1 Product Identifiers

Product Name: Hydrolised Wheat

#### 1.2 Relevant identified uses of the substance or mixture

Protein products

#### 1.3 Manufacturer / Supplier Details

Supplier: Heirloom Body Care  
Address: Unit 9, 28 Coombes Drive PENRITH NSW 2750  
Telephone: 02 4722 2123  
Fax: 02 4722 2904  
Email: [heirloom@heirloombodycare.com.au](mailto:heirloom@heirloombodycare.com.au)

#### 1.4 Information in case of emergency

Emergency Telephone: 02 4722 2123

### SECTION 2: HAZARD IDENTIFICATION

#### 2.1 Classification of the substance / preparation

No need for classification according to GHS criteria for this product.

#### 2.2 Label Elements

The product does not require a hazard warning label in accordance with GHS criteria.

#### 2.3 Other hazards

No specific dangers known, if the regulations/notes for storage and handling are considered.

### SECTION 3: PRODUCT COMPOSITION

#### 3.1 Chemical Identification

**Chemical nature:** Aqueous solution based on: Protein hydrolyzates

### SECTION 4: FIRST AID

If adverse health effects develop seek medical attention.

#### 4.1 Description of first aid measures

<b>Eye Contact:</b>	In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Seek medical attention if necessary.
<b>Skin Contact:</b>	After contact with skin, wash immediately with plenty of water.
<b>Ingestion:</b>	Rinse mouth and then drink 200-300 ml of water.

#### Note to physician:

**Symptoms:** No significant symptoms are expected due to the non-classification of the product.

**Hazards:** No hazard is expected under intended use and appropriate handling.

**Treatment:** Treat symptomatically.



## SECTION 5: FIRE FIGHTING MEASURES

### 5.1 Extinguishing Media

Suitable Extinguishing Media: water spray, carbon dioxide, dry powder, foam

### 5.2 Special hazards arising from the substance or mixture

- harmful vapours
- Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

#### Special protective equipment:

Wear a self-contained breathing apparatus.

#### Additional information

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

### 6.2 Environmental precautions

Do not discharge into drains/surface waters/groundwater.

### 6.3 Methods and materials for containment and cleaning up

- For small amounts: Pick up with suitable absorbent material.
- For large amounts: Dike spillage. Pump off product.
- Dispose of absorbed material in accordance with regulations.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

### 7.2 Protection against fire and explosion:

Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

### 7.3 Conditions for storage

**Suitable materials for containers:** High density polyethylene (HDPE)

**Further information on storage conditions:** Keep in a cool place. Keep container dry.

Below temperature limit the product properties will change. The property change is reversible by stirring and heating. Protect against moisture. Please refer to the product specific data sheet for further information.

#### Storage stability:

- Storage temperature: 10 - 40 °C
- Protect from temperatures below: 10 °C
- Characteristics of the product are reversibly changed when falling below the limit temperature.
- Protect from temperatures above: 40 °C

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1 Control parameters

No occupational exposure limits known.



## 8.2 Exposure Controls

<b>Eye Protection</b>	Safety glasses with side-shields (frame goggles) (e.g. EN 166)
<b>Hand protection:</b>	<ul style="list-style-type: none"><li>Suitable are protective gloves with the following specification. The recommendation is valid for laboratory conditions, specific workplace conditions must be taken into consideration separately.</li><li>Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding &gt; 480 minutes of permeation time according to EN 374): nitrile rubber (NBR) - 0.2 mm coating thickness</li></ul>
<b>Body protection:</b>	Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

## 8.3 Other Personal Protection

Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General information

<b>Appearance</b>	liquid
<b>Colour:</b>	amber
<b>Odour:</b>	characteristic
<b>pH value:</b>	4.0 - 5.0 (20 °C) (DGF-H-III 1)
<b>Melting point &amp; Freezing point:</b>	not determined
<b>boiling temperature:</b>	> 100 °C
<b>Flash point:</b>	> 101 °C Aqueous preparation
<b>Flammability (solid, gas):</b>	not flammable
<b>Evaporation rate:</b>	Value can be approximated from Henry's Law Constant or vapour pressure.
<b>Lower explosion limit:</b>	For liquids not relevant for classification and labelling.
<b>Upper explosion limit:</b>	For liquids not relevant for classification and labelling.
<b>Vapour pressure:</b>	not determined
<b>Density</b>	1.0 g/cm <sup>3</sup> (20 °C)
<b>Solubility in water:</b>	soluble
<b>Explosion hazard:</b>	not explosive
<b>Solubility (qualitative) solvent(s):</b>	distilled water soluble
<b>Fire promoting properties:</b>	not fire-propagating
<b>Thermal decomposition:</b>	No decomposition if stored and handled as prescribed/indicated.
<b>Viscosity, dynamic:</b>	not determined
<b>Viscosity, kinematic:</b>	not determined
<b>Relative vapour density (air):</b>	not applicable

### 9.2 Other Data

If necessary, information on other physical and chemical parameters is indicated in this section.

No further information available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.

### 10.2 Conditions to avoid

See MSDS section 7 - Handling and storage.

**Thermal decomposition:** No decomposition if stored and handled as prescribed/indicated.



**Substances to avoid:** No substances known that should be avoided.

### 10.3 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Acute toxicity** Virtually nontoxic after a single ingestion.

**Experimental/calculated data:** LD50 (oral): > 2,000 mg/kg

#### **Skin corrosion/irritation**

- Not irritating to the eyes.
- Not irritating to the skin.

**Respiratory/Skin sensitization** There is no evidence of a skin-sensitizing potential.

**Carcinogenicity** The chemical structure does not suggest a specific alert for such an effect.

**Germ cell mutagenicity** The chemical structure does not suggest a specific alert for such an effect.

**Reproductive toxicity** The chemical structure does not suggest a specific alert for such an effect.

**Developmental toxicity** Assessment of teratogenicity: No data was available concerning toxicity to development.

**STOT-single exposure** Based on available Data, the classification criteria are not met.

**STOT-related exposure** Assessment of repeated dose toxicity:

The information available on the product provides no indication of toxicity on target organs after repeated exposure.

**Aspiration hazard** No aspiration hazard expected.

### 11.2 Other relevant toxicity information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

The product has not been tested. The statement has been derived from the properties of the individual components.

**Toxicity to fish:** LC50 > 100 mg/l

**Microorganisms/Effect on activated sludge:** EC0 > 100 mg/l

### 12.2 Persistence and degradability

Assessment biodegradation and elimination (H2O): Readily biodegradable (according to OECD criteria).

### 12.3 Bio-accumulative potential

Data not available

### 12.4 Mobility in soil

Data not available

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

Must be disposed of or incinerated in accordance with local regulations.

Contaminated packaging: Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.



## SECTION 14: TRANSPORT INFORMATION

### 14.1 Transportation hazard classes

**Road and Rail Transport:** Not classified as a dangerous good under transport regulations

**Marine Transport:** IMDG: Not classified as a dangerous good under transport regulations

**Air Transport:**

IATA/ICAO: Not classified as a dangerous good under transport regulations

## SECTION 15: REGULATORY INFORMATION

### 15.1 Regulations

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Not Scheduled

**Registration status:** AICS, AU released / listed

## SECTION 16: OTHER INFORMATION

Information on intended use: This product is of industrial quality and unless otherwise specified or agreed intended exclusively for industrial use. This includes the mentioned and recommended usage. Any other intended applications should be discussed with the manufacturer. In particular this concerns the application for products that are the object of special standards and regulations.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

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