



# MANILDRA GROUP OF COMPANIES

## SAFETY DATA SHEET

### GLUTEN

DOC No: PR-MSDS-0010

REVISION No: 1.0.J

ISSUE DATE: 24-Mar-2016

#### 1. IDENTIFICATION OF THE MATERIAL AND MANUFACTURER / SUPPLIER

**Product name :** Gluten  
**Other names:** Vital Wheat Gluten, Wheat Gluten Flour, Promax, K Gluten, Gem Gluten, VP1, High Protein Gluten.  
**Recommended use of the substance and restrictions on use** Baking industry  
**Manufacturer / Supplier:** Manildra Group  
**ABN:** 8000217523  
**Address:** 6 Frank Street, Gladesville, NSW, 2111  
**Telephone** +61 2 9879 9800  
**Email:** manildra@manildra.com.au  
**Website:** [www.manildra.com.au](http://www.manildra.com.au)  
**Emergency telephone number:** (02) 4423 8200

#### 2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

#### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Name	CAS No:	Proportion:
Wheat Gluten (Protein)	8002-80-0	≤ 90%
Water	732-18-5	To make up to 100%

#### 4. FIRST AID MEASURES

**Eye contact:**

Remove contact lenses, if present and easy to do, flush gently with running water, holding eyelids open for 15 minutes or until the product is removed.

**Skin contact:**

Wash Thoroughly with Soap and water.

**Inhaled:**

Remove to fresh air. Seek Medical Advice if breathing difficulties persist.

**Ingested:**

Non toxic food product. Give milk or water if necessary.

**Indication of immediate medical attention and special treatment needed:**

Treat Symptomatically.

#### 5. FIRE FIGHTING MEASURES

**HAZCHEM CODE:** None allocated.

**Suitable extinguishing equipment:**

Water or Foam.

**Specific hazards arising from the material:**

If improperly handled, stored or exposed to an ignition source, material may burn. Finely divided dust in air may present an explosive hazard, minimization of dust and /or ignition sources is strongly recommended.

**Special Protective equipment and precautions for fire fighters:**

Wear full protective equipment including self-contained breathing apparatus (SCBA) when combating fire.

#### 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures / environmental precautions:**

DO NOT let product enter drains.



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### Methods and materials for containment and cleaning:

Sweep or vacuum, do not use water. Dispose of in landfill site in accordance with local regulations. Consult local waste management authority.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Dust generation should be minimised and any powder build up on surfaces should be removed. Avoid dispersing powder in the air and all equipment must be earthed to reduce sparks from static electricity. Observe good hygiene practices and recommended procedures, wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities:

Store in a clean, cool, dry, well ventilated area away from sources of heat moisture, chemical and odorous products. Static controls need to be considered for product transfer systems. Keep away from sources of ignition.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control parameters – exposure standards:

Material	TWA ppm	TWA mg/m <sup>3</sup>	STEL ppm	STEL mg/m <sup>3</sup>
Gluten	-	-	-	-

No exposure standard has been established for this product, however the exposure standard for dust not otherwise specified is 10mg/m<sup>3</sup> (for inspirable dust) and 3mg/m<sup>3</sup> (for respirable dust).

### Appropriate engineering controls:

Adequate static electricity controls, earthing and dust control system required to prevent possible dust explosion. Non-sparking mechanical exhaust.

### Personal protective equipment (PPE):

Dust mask and eye protection should be used when handling dry products.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine tan coloured powder.
pH:	Not known.
Melting point / freezing point (°C):	Not applicable in dry form.
Boiling point and boiling range (°C):	Not applicable in dry form.
Bulk Density kg/m <sup>3</sup> :	600 - 650
Flash point (°C):	Not Flammable.
Evaporation rate:	Not applicable in dry form.
Flammability:	LEL 50g/m <sup>3</sup>
Vapour pressure:	Not available.
Auto-ignition temperature:	Not available.
Solubility (ise):	Partially soluble.

## 10. STABILITY AND REACTIVITY

**Reactivity:** Stable under recommended use and storage.

**Possibility of hazardous reactions:** None known.

**Conditions to avoid:** Avoid dust generation, static discharges, excessive heat, direct sunlight, moisture, open flames.

**Incompatible materials:** Strong oxidizing agents.



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**Hazardous decomposition products:** Carbon oxides formed under fire conditions.

## 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects:** No adverse health effects known, Non toxic food product.

**Eye contact:** Physical irritant.

**Skin contact:** May cause irritation.

**Ingestion:** Non toxic food product.

**Inhalation:** Physical irritant.

**Chronic effects:** Not applicable.

**Toxicity and irritation:** Not applicable.

## 12. ECOLOGICAL INFORMATION

**Eco toxicity:** No environmental effect.

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Dispose of in landfill site in accordance with local regulations.

**Environmental regulations:** Dispose of in accordance with relevant local legislation.

## 14. TRANSPORT INFORMATION

Classified as Non Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG) for transport by Road and Rail, Maritime Dangerous Goods Code (IMDG) for transport by Sea; and by the Air Transport Association (IATA). **NON-DANGEROUS GOODS.**

## 15. REGULATORY INFORMATION

**AISC:** N/A.

**Poisons schedule number:** Not applicable.

## 16. ANY OTHER RELEVANT INFORMATION

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**AUTHORISED FOR ISSUE:**

**DATE: 24 March 2016**