



MATERIAL SAFETY DATA SHEET

REF: 91/155/EEC AND AMENDMENTS WITH RESPECTIVE NATIONAL IMPLEMENTATIONS

SOY PROTEIN TVP's coloured and uncoloured various sizes

1.0 SUBSTANCE IDENTIFICATION

- 1.1 Commercial product name: Soy Protein Flour
- 1.2 Chemical characterisation: Not Applicable
- 1.3 Formula: N/A
- 1.4 Molecular weight: Average >50,000.00
- 1.5 CAS No: 9010-10-0
- 1.6 EINECS No.: 2327208
- 1.7 **FOR USE IN FOOD**
- 1.8 Manufactured by: Archer Daniels Midland Company, 4666 Faries Parkway,
Decatur, Illinois 62526, U.S.A.
- 1.9 Supplied in Australia. by: ADM Australia Pty Ltd, PO Box 281, Suite 1003, Level 10,
1 Newland Street, Bondi Junction, NSW 2022
- 1.10 Australian Emergency Telephone Number: 0417 285396 (24 hours)
- 1.11 U.S. Emergency Telephone Number (24 hours): +1 217 424 5200

2.0 COMPOSITION

- 2.1 Soy protein flour

3.0 HAZARDS IDENTIFICATION

- 3.1 **Material is non-hazardous and is not classified as a Dangerous Substance within the definitions of EC Directive 67/58)**
- 3.2 Contact with eyes (e.g. dust particles) may cause irritation
- 3.3 Avoid open flames or other ignition sources (i.e. electrical equipment; switch gear)

4.0 FIRST AID MEASURES

- 4.1 Eyes: Flush with water/saline followed by appropriate medical care as needed

5.0 FIRE FIGHTING MEASURES

- 5.1 Extinguishing media - Sand, Dry Chemical, Water through fogging to limit dusting
- 5.2 Fire fighters should wear protective clothing and approved respirator

6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 Recover product by vacuum or broom and shovel. Flush area with water to remove final traces.

SOY PROTEIN FLOUR – TVP coloured and uncoloured

7.0 HANDLING AND STORAGE

- 7.1 Store in a cool, dry, well-ventilated area.
- 7.2 Avoid open flames or other ignition sources.
- 7.3 If dusting occurs in a confined area, a dust mask shall be worn.

8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Respiratory protection: Dust mask
- 8.2 Hand protection: N/A
- 8.3 Eye protection: Safety glasses
- 8.4 Other: N/A

9.0 PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance: Off white to light brown
- 9.2 Odour: None
- 9.3 pH: 6.0 - 7.4
- 9.4 Boiling point (at 14-15mm Hg): N/A - dry substance
- 9.5 Specific gravity (25°C): N/A
- 9.6 Solubility in water (25 °C): N/A

10.0 STABILITY AND REACTIVITY

- 10.1 Shelf life : TVP's products have a recommended shelf-life of twenty-four (24) months when stored under typical conditions of 75°F and 60% relative humidity. Re-test prior to use is recommended after that period.
- 10.2 Hazardous decomposition prods: N/A
- 10.3 Hazardous reaction: N/A
- 10.4 Incompatible with: N/A

11.0 TOXICOLOGICAL INFORMATION

- 11.1 Non toxic. Substance is a foodstuff.

12.0 ECOLOGICAL INFORMATION

- 12.1 Product is non-hazardous .

13.0 DISPOSAL CONSIDERATIONS

- 13.1 Dispose in landfill or flush to drain with large amounts of water, **depending upon local regulations**. Product is fully biodegradable.
- 13.2 Non-contaminated waste material can be disposed of as non-hazardous solid waste

14.0 TRANSPORT INFORMATION

14.1 No special requirements and no restrictions on transportation by land, sea or air.

15.0 REGULATORY INFORMATION

15.1 Soy TVP's is a permitted Food Additive and may be used *quantum satis*, unless otherwise stated. The US Food and Drug Administration classifies Soy Protein Concentrate as GRAS (Generally Recognised As Safe) food ingredients.

16.0 ADDITIONAL INFORMATION

16.1 See Product Data Sheet.

16.2 This Safety Data Sheet is based upon a limited review of ADM files and standard Toxicological handbooks.