

Material Safety Data Sheet

RICE PROTEIN POWDER /

BROWN RICE PROTEIN POWDER

1. Product Identification

- 1.1. Product Name: Rice Protein Peptide
- 1.2. Description: Rice Protein Peptide is a vegetable protein manufactured through extraction from rice.
- 1.3. Chemical Formula: Not Applicable
- 1.4. Molecular weight: Not Applicable
- 1.5. CAS #: CAS no.156715-40-1
- 1.6. HS code#: 3504009000
- 1.7. Manufactured by: ANHUI SHUNXIN SHENGYUAN BIOLOGICAL FOOD CO.,LTD.
- 1.8. Supplied by: ANHUI SHUNXIN SHENGYUAN BIOLOGICAL FOOD CO.,LTD.
- 1.9. Usage: In food as Nutritional Supplements
- 1.10. Emergency telephone number: +86-550-3891091

2. Composition

- 2.1. Rice Protein: >80%
- 2.2. Hazardous impurities: Coliforms \leq 90 mpn/g , Moulds \leq 50 cfu/g , Salmonella absent in 25g.
- 2.3. Toxicological data on Ingredients: Not applicable

3. Hazards Identification

- 3.1. Potential Acute Health Effect: Slightly hazardous in case of eye contact (irritant), of inhalation. Non irritation for skin. Non hazardous in case of ingestion.
- 3.2. Potential Chronic Health Effect:
 - Carcinogenic effects: not available
 - Mutagenic effect: not available
 - Teratogenic effect: not available
 - Development toxicity: not available
 - Repeated or prolonged exposure is not known to aggravate medical condition.

4. First Aid Measures

- 4.1. Eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
- 4.2. Skin contact : Wash with soap and water. Get medical attention irritation develops.
- 4.3. Serious skin contact : Not available.
- 4.4. Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- 4.5. Serious inhalation: Not available .

4.6. Ingestion : DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar tie, belt or waistband.

4.7. Serious ingestion : Not available .

5. Fire Fighting Measures

5.1. Suitable extinguishing media: Use water spray, CO₂, dry chemical, alcohol or universal- type foams applied by manufacturer's instructions.

5.2. Extinguishing media which must not be used for safety reasons: No special requirements.

5.3. Unusual fire and explosion hazards : None known

5.4. Special protective equipment for fire fighters: Exercise caution when fighting any chemical fire. Use NIOSH approved self- contained breathing apparatus.

5.5. Specific methods: None known.

6. Accidental Release Measures

6.1. Personal precautions: Ensure adequate ventilation.

6.2. Environmental precautions: Non-Hazardous.

6.3. Methods for clean-up: Flush with water or cover with absorbent. Collect for disposal. Observe all government regulations.

7. Handling/Storage

7.1. Handling: Keep working place well ventilated, no special precautions.

7.2. Storage: Store at room temperature in tightly closed containers. Avoid bacterial contamination.

8. Exposure Control

8.1. Exposure Limit Values: No limits established by ACGIH or OSHA.

8.2. Exposure controls: No special precautions under usual conditions of use.

8.3. Occupational exposure controls: No special precautions under usual conditions of use.

8.4. Ventilation: Mechanical ventilation is acceptable.

8.5. Respiratory Protection: None required under usual conditions of use. However, if exposure potential exists, refer to NIOSH Criteria Guides to determine proper equipment.

8.6. Protective Clothing: Normal work gloves and chemical operator' s goggles.

8.7. Other Protective Measure: Eye wash station .

9. Physical/Chemical Characteristics

9.1. Physical State: Powder

9.2. Appearance: Powder of faint yellow, uniformity and relax, no agglomeration or mildew, no foreign matters with naked eye.

9.3. Odor: Characteristic odor .

9.4. PH: 4.0- 7.0

9.5. Melting point/range: Not Applicable.

9.6. Boiling point: Not Applicable.

9.7. Bulk density: Not available.

9.8. Solubility: Not soluble in water.

10. Stability/Reactivity

- 10.1. Chemical Stability: Stable under normal temperatures and pressures.
- 10.2. Shelf Life: 24 months period.
- 10.3. Hazardous decomposition: Carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...), sulfur oxides.
- 10.4. Hazardous polymerization: Will not occur.
- 10.5. Incompatible with: Not available.

11. Toxicology Information

Not tested on laboratory animals. The product has been safely used for many years. Rice protein is allergic free.

12. Ecological Information

Rice Protein is fully biodegradable.

13. Disposal Considerations

Small amounts may be flushed to sewer. Material is very biodegradable. Otherwise, dispose of in accordance with all Federal, State and Local regulations for non-hazardous substances.

14. Transport Information

- Non -hazardous for air, sea and road freight.
- Shipping name: Not regulated.
- Transport hazard class: Not regulated.
- Packing group: Not regulated.
- Environmental hazards: None. The substance is not subject to IMO IMDG Code.

15. Regulations

- Federal and State regulations: No products were found.
- Other regulations: Not available .
- Other Classification: Not controlled under WHMIS; Not classified according to the EU regulations.
- Not applicable

16. Other Information

This Safety Data Sheet of Rice Protein is based upon a limited review of Anhui Shunxin Shengyuan Biological Food Co., Ltd. files and standard Toxicological handbooks. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Anhui Shunxin Shengyuan Biological Food Co., Ltd. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Anhui Shunxin Shengyuan Biological Food Co., Ltd. has been advised of the possibility of such damages.