

# SAFETY DATA SHEET

## Pea Protein

### 1. Information of the Product and the Undertaking

Product Name	Pea Protein
Supplier	Tianjin Huge Roc Enterprises Co., Ltd
Address	Tianjin, China
Telephone Number	+86 15522959629
Post Code	300041
Emergency Telephone Number	+86 15522959629

### 2. Hazards Identification

No hazards identified under normal handling and intended use conditions. Avoid generating or inhaling excessive dust during handling.

### 3. Composition and Information of Ingredients

Description	Protein made from natural pea.
Typical Composition	80% protein, 5% moisture, 3% ash, 2% starch, 10% others.
Baleful Ingredient	No
Warning Symbol / R Phrases	No
Full Name of Ingredient	Pea Protein Isolate / Isolated Pea Protein
CAS Number	9010-10-1
Other Information	No

### 4. First Aid Measures

Special instructions: No special instructions are required under normal conditions.

Inhalation: Powder product. Avoid inhaling dust. Move exposed person to fresh air if discomfort occurs.

Skin contact: No irritation is expected. Wash with water if necessary.

Eye contact: Rinse eyes carefully with clean water if splashed into eyes.

Ingestion: Edible product. Rinse mouth if necessary.

Information to doctor or trained first-aid personnel: No special information.

### 5. Fire-Fighting Measures

Suitable extinguishing media: Water.

Extinguishing media which must not be used for safety reasons: None known.

Special exposure hazards in a fire: None known under normal conditions.

Special protective equipment for fire-fighters: Use standard fire-fighting protective equipment as appropriate.

Other instruction: No special instruction.

### 6. Accidental Release Measures

Personal precautions: Avoid generating dust. Use normal workplace hygiene practices.

Environmental precautions: No special environmental precautions are required.

Methods for cleaning up: Sweep up spilled product and wash the area with water as needed.

Other instruction: No special instruction.

### 7. Handling and Storage

Handling: No special handling requirements. Avoid unnecessary dust formation and maintain good workplace hygiene.

Storage: Store in dry conditions. Avoid high temperature and moisture. Do not store together with volatile materials.

## 8. Exposure Controls / Personal Protection

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Limit values for workplace: No limit values established.

Special instruction for protection and hygiene: No special instruction; follow normal industrial hygiene practices.

Respiratory protection: Normal respirator or dust mask may be used where dust is generated.

Hand protection: Not required under normal conditions.

Eye protection: Not required under normal conditions; safety glasses may be used when dust exposure is possible.

Skin protection: Not required under normal conditions.

## 9. Physical and Chemical Properties

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<b>Physical State, Colour and Odour</b>	Powder, cream colour, light pea flavour.
<b>pH</b>	6.5 - 7.5
<b>Boiling Point / Range</b>	Cannot boil; no boiling point or boiling range.
<b>Melting Point / Range</b>	Cannot melt; no melting point or melting range.
<b>Decomposition Temperature</b>	No decomposition under normal conditions.
<b>Flash Point</b>	No
<b>Flammability</b>	No flammability.
<b>Auto Flammability</b>	No
<b>Explosion Hazard</b>	No
<b>Explosive Limits</b>	Cannot explode.
<b>Oxidizing Proportion</b>	No
<b>Vapour Pressure</b>	No
<b>Relative Density</b>	0.6 g/cm <sup>3</sup>
<b>Solubility</b>	Soluble in water.
<b>Partition Coefficient</b>	No
<b>Viscosity</b>	3 - 5 MPa.s
<b>Other Information</b>	No

## 10. Stability and Reactivity

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Conditions to avoid: Avoid moisture, heat, and fire.

Materials to avoid: Water and all non-edible materials.

Hazardous decomposition products: No hazardous decomposition products are expected under normal conditions.

## 11. Toxicological Information

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Acute toxicity: No.

Irritancy and corrosiveness: No.

Sensitization: No.

Subacute, subchronic and prolonged toxicity: No.

Empirical data on effects on humans: No.

Other information on health effects: No.

## 12. Ecological Information

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Biodegradation: Better biodegradation.

Chemical degradation: No.

Bioaccumulation: No.

Mobility: No.

Aquatic toxicity: No.

Other toxicity: No.

Other information: No.

## 13. Disposal Considerations

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## **TIANJIN HUGE ROC ENTERPRISES CO., LTD**

1806, HUIJIN CENTRE, 65 DAGU BEILU, TIANJIN CHINA, 300041

Dispose of product and packaging in accordance with local regulations. Product waste should be handled using good hygiene and housekeeping practices.

### **14. Transport Information**

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<b>Packaging Category</b>	Packed with plastic and laminated paper bag.
<b>Land Transport Class</b>	Normal
<b>Land Transport Risk Code</b>	No
<b>Name According to Bill of Freight</b>	Pea Protein Isolate or Isolated Pea Protein
<b>Sea Transport / IMDG</b>	Not dangerous
<b>Sea Transport Correct Technical Name</b>	Pea Protein Isolate or Isolated Pea Protein
<b>Air Transport / ICAO-IATA Class</b>	Not dangerous
<b>Air Transport Correct Technical Name</b>	Pea Protein Isolate or Isolated Pea Protein
<b>Other Information</b>	No

### **15. Regulatory Information**

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Letter code of warning symbol and indication of danger for the preparation: No.

Names of ingredients given on the warning label: No.

R phrases: No.

S phrases: No.

Special regulations on certain preparations: No.

National regulations: No.

### **16. Other Information**

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Proposed use: A kind of food additive. Used for food processing, especially in meat and health products.

Directions for use: 1% - 5% added during the processing of meat products.

Other information: Adding this product to meat products can increase the protein content.

Additional information available from: No.

Sources of information used in the compilation of this safety data sheet: Industry standard and general usage of pea products.

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