



Specification

Product Name: Soya Protein Isolate Powder

Product Code: SPEC0241

Description:

Our Soya Protein is produced from high quality Non-GMO **SOYA** beans. It can be used for a wide variety of applications such as thickening stews, gravies, fruit juices, yoghurts, creams, milk. It can also be using in making sausages, hams and other meat formations where its properties provide gelation, emulsification and improve the texture making the product easier to slice. It is suitable for Vegans, does not contain Lactose and has a protein content of over 90%. It is suitable for everyone, including people who are Lactose intolerant. It is low calorie, low fat, has no added sugar, is Gluten Free and Non-GMO.

Specifications:

Organoleptic index	Light yellow or Milky white, No peculiar smell, No impurities visible to the naked eyes
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Physical and chemical index	
Protein (dry basis, N×6.25, %)	≥90
NSI %	≥88
Urease activity	Positive
Moisture (%)	≤7.0
Fat (%)	≤1.0
Ash (dry basis, %)	≤6.0
Crude fiber (dry basis, %)	≤0.5
Particle Size (100mesh,%)	≥95
Arsenic (mg/kg)	≤0.5
Lead (mg/kg)	≤1.0

Microbiological index	
Total plate count	≤20000 cfu/g
Coliform	≤30 MPN/100g
Yeast & Moulds	≤100/g
E.coli	Negative
Salmonella	Negative

Ingredients:

SOYA Beans

Dietary Information:

Suitable for Vegans & Vegetarians, Non-GMO, Gluten Free, Lactose free.

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**Nutritional Information:**

Based on typical content/100g: Energy: 1576kj/376kcal, Fat: 2.04g, Of which saturates: 1.0g, Carbohydrates: 2.2g, Of which sugars: 0.0g, Protein: 90.3g, Salt: 0.0g.

Storage:

Store in dry, cool conditions and not in direct sunlight.

Packaging:

Size	EAN
250g	5056191014208
500g	5056191014215
1kg	5056191014222
5kg	5056191014239
10kg	5056191014246

Shelf Life:

48 months from production date.

Allergen Declaration

Allergen	Contains (Y/N)
Cereals containing Gluten	N
Crustaceans	N
Eggs	N
Fish	N
Peanuts	N
Soybeans	Y
Milk	N
Nuts	N
Celery	N
Mustard	N
Sesame Seeds	N
Sulphur Dioxide and Sulphites (at concentration of more than 10mg/kg or 10mg/L in terms of Sulphur Dioxide)	N
Lupin	N
Molluscs	N



Material Safety Data Sheet

1: Substance/Preparation and Company Identification:

Product Name: SOYA PROTEIN ISOLATE POWDER, Supplier: Special Ingredients Ltd, 4 Foxwood View, Chesterfield, S41 9RN. Tel: 0044 (0)1246 906247. E-mail address: <https://specialingredients.co.uk/pages/contact>, Emergency Telephone Contact: 07701 095864.

2: Composition, Information on Ingredients:

CAS#: 9010-10-0

Appearance: Milky White

Formula and Mol. Weight:

$\text{CH}_3\text{CH}(\text{OH}) - \text{CH}(\text{NH}_2)\text{COOH}$ 119

$\text{H}_2\text{NCH}_2\text{CH}_2\text{CH}_2 - \text{CH}(\text{NH}_2)\text{COOH}$ 146

$(\text{CH}_3)_2\text{CH}_2 - \text{CH}(\text{NH}_2)\text{COOH}$ 118

$\text{CH}_3\text{SCH}_2\text{CH}_2 - \text{CH}(\text{NH}_2)\text{COOH}$ 149

$(\text{CH}_3)_2\text{CHCH}_2 - \text{CH}(\text{NH}_2)\text{COOH}$ 131

$\text{CH}_3\text{CH}_2\text{CH}(\text{CH}_3) - \text{CH}(\text{NH}_2)\text{COOH}$ 131

Protein: $\geq 90.0\%$

Moisture: $\leq 7.0\%$

Ash: $\leq 6.0\%$

Fat: $\leq 1.0\%$

Ph: 6.0-8.0

Fineness: $\geq 95.0\%$ (100#)

Total Plate Count ≤ 10000 cfu/g

Source: Soybean

3: Hazard Identification:

Possible Hazard

Critical hazards to man

See Action

4: First Aid Measures:

General advice: Remove from exposure and contaminated clothing obtain immediately medical attention in case of sensitivity reactions.

5: Firefighting Measures:

Suitable extinguishing media should be protected from fire use suitable extinguishing material has no explosive character.

6: Accidental Release Measures:

Personal precautions: wash with plenty of water.

7: Handling And Storage:

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Handling: Protection against fire and careful handling.

Storage: Store in a cool dry place away from any contamination.

8: Exposure Controls/ Personal Protection:

Respiratory protection: Wear approved respirates.

Hand protection: Use chemically compatible gloves.

Eye protection: Protect eyes with approved goggles.

Body protection: Use approved protective clothes.

9: Physical and Chemical Properties:

Form: powder

Colour: light yellow

Odour: No peculiar smell, light soybean smell.

10: Stability and Reactivity:

Conditions to avoid: No exposure to high temperatures.

Substances to avoid: Do not allow to come into contact with any other chemical substances.

11: Toxicological Information:

No toxicity.

12: Ecological Considerations:

Environmental fate: No information found.

Environmental toxicity: This material is not expected to be toxic to aquatic life.

13: Disposal Considerations:

Dispose of in accordance with state and local laws.

Produce: Soy Protein Isolated SSPI-90G1W

14: Transport Information:

IMDG Transport Information: Not dangerous goods according to the transport regulations.

15: Melting Range:

Combustibility: Material is issued not to be combustible.

Solubility in water: Solubility changes in different specification of products.

16: Other Information:

The information contained in this data sheet is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. We do not accept any liability whatsoever, however arising, which results directly or indirectly from the use of the product.