



Specification

Product Name: Pea Protein

Product Code: SPEC0242

Description:

Our Pea Protein Powder is a pure natural powder made from 100% raw yellow peas. Pea protein is extremely versatile and can be added to most food including cooked products as it is heat stable. It is a natural source of protein and can be added to soups, shakes smoothies drinks and baked products. As it is a source of protein it can be used for protein shakes, added to drinks after training or used for protein bars. It contains no artificial flavours or additives.

Specifications:

Specifications	
Protein (Nx 6.25)	Min 80 %
Fibre (crude)	Max 5 %
Starch	Max 2 %
Moisture	Max 10 %
Ash	Max 8 %
Fat (s)	Max 8 %
pH	6 - 8
Arsenic	<0.5 mg/kg, ppm
Lead	<0.5 mg/kg, ppm
Cadmium	<0.5 mg/kg, ppm
Mercury	<0.1 mg/kg, ppm
Bulk Density	Min 0.4 g/cm ³
Ochratoxin	<20 ppb
Aflatoxin	<20 ppb
Pesticides	None
Foreign Matter	None
Gluten	Max 5 ppm, mg/kg
Soy	Max 2.5 ppm, mg/kg

Microbiological index	
Total plate count	<10,000 cfu/g
Bacillus Cereus	<100 cfu/g
Yeasts & Moulds	<50 cfu/g
Salmonella	Negative/25g
Escherichia Coli	Negative/g
Listeria	Negative/g
Staphylococcus aureus	Negative/g

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Enterobacteriaceae

< 10 cfu/g

Ingredients:

Yellow Peas

Dietary Information:

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

Nutritional Information:

Based on typical content/100g: Energy: 1704kj/404kcal, Fat: 7.66g, Of which saturates: 1.72g, Carbohydrates: 10.4g, Of which sugars: <0.25g, Protein: 86g, Salt: 0.0g.

Storage:

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

Packaging:

Size	EAN
250g	5056191014147
500g	5056191014154
1kg	5056191014161
5kg	5056191014178
10kg	5056191014185

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	N
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: Pea Protein

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 and Information on Ingredients:

Description: Protein

Made from Natural Pea

Baleful ingredient: no

Warning symbol, R phrases and other data on the ingredient: no

Full name of the ingredient: Pea Protein Isolate/Isolated Pea Protein

CAS number: 222400-29-5 100%

Other information: no

3: Hazard Identification:

No hazards

4: First Aid Measures:

Special instructions: no special

Inhalation: powdery, innocuity, no thrill, can't be inhaled.

Skin: no thrill and innocuity for skin.

Splashes in eyes: rinse eyes with water.

Ingestion: edible.

Information to Doctor or other trained persons giving First Aid: no

5: Firefighting Measures:

Suitable extinguishing media: water

Extinguishing media which must not be used for safety reasons: no

Special exposure hazards in a fire: no

Special protective equipment for a fire: no

Other instruction: no

6: Accidental Release Measures:

Personal precautions: no

Environmental precautions: no

Methods for cleaning up: sweep and wash

Other instruction: no

7: Handling And Storage:

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Handling: no special.

Storage: storage in dry condition. Escape high temperature. Don't pile-up with volatile material

8: Exposure Controls/ Personal Protection:

Limit values for workplace: no limit values

Special instruction for protection and hygiene: no special instruction

Respiratory protection: normal respirator

Hand protection: do without

Eye protection: do without

Skin protection: do without

9: Physical and Chemical Properties:

Physical state, colour and odour: powder, cream colour, light pea flavour.

PH: 6.5-7.5

Boiling point/boiling range: can't boil, no boiling point and boiling range

Melting point/melting range: can't melt, no melting point and melting range

Decomposition temperature no decomposition

Flash point: no

Flammability: no Flammability

Auto flammability: no

Explosion hazard: no

Explosive limits: can't explode

Oxidizing proportion: no

Vapour pressure: no

Relative density: 0.6g/cm³

Solubility: solve in water.

Partition coefficient (for ingredients) in- octanol/water: no

Viscosity: 3~5 MPa.S

Other information: no

10: Stability and Reactivity:

Conditions to avoid: avoid the moisture, hot and prevent fire

Materials to avoid: water and all of non edible materials.

Hazardous decomposition: no

11: Toxicological Information:

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 Considerations:

Biodegradation: biodegradation better

Chemical degradation no

Bioaccumulations no

Mobility: no

13: Castoff Toxicity:

Aquatic toxicity: no

Other toxicity: no

Other information: no

14: Transport Information:

Packaging category: packing with plastic container.

LAND TRANSPORT:

Transport class: normal

Rick code: no

Name according to bill of freight: Pea Protein Isolate or Isolated Pea Protein

Other information: no

SEA TRANSPORT:

IMDG class: no dangerous

Correct technical name: Pea Protein Isolate or Isolated Pea Protein

Other information: no

AIR TRANSPORT:

ICAO/IATA class: no dangerous

Correct technical name: Pea Protein Isolate or Isolated Pea Protein

Other information: no

15: Regulatory Information:

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

Not regulated by IMDG/IMO

16: Other Information:

PROPOSE OF USE

Expressed in writing:

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

Directions for use:

1%~5% added to the process of meat products.

other information: to add this product to meat products can increase the protein content.

Additional information available form: no

Sources of information used in the compilations of the safety data sheet:

The industry standard and general usage of Pea products.

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.

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