


Supplier	
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Product Specifications	
Feed Stuff	Pea Protein
Trading Name	Pea protein, pea protein concentrate, air-classified pea (dry process)
Image- Typical Image of Feed Peas **	
	
** (product may vary in appearance depending on suppliers)	
Product Description	<p>Pea protein concentrates are made by separating the protein fraction of pea seeds from the fibre and starch fractions. Several processes exist, yielding products containing from 50 % to 90 % protein.</p> <p>In the dry process, the dehulling and subsequent fine grinding of peas produces pea flour with particles of various sizes and densities.</p> <p>In the wet process, pea flour is hydrated and fibre and starch are separated.</p> <p>Pea protein concentrates are used for food, petfoods and aquafeeds.</p>
Specification*	<ul style="list-style-type: none"> <li>• Moisture ~12%</li> <li>• Protein ~50-90% <span style="float: right;">(*Values are not contractual)</span></li> </ul>
General Use	Applied in compound feedstuff for all animal classes.
Packaging & Transport	Bulk, Bagged, Containers
Labelling	According to EU legislation 767/2009
Storage	Dry, cool and dark storage and aerate regularly. Good shelf life on product.
Legal Demands	<p>The product complies with all applicable legislation. Most important elements are:</p> <ul style="list-style-type: none"> <li>• Animal Feed Legislation</li> <li>• Directive 2002/32/EG on undesirable substances in animal feed.</li> <li>• Regulation 396/2005 on maximum residue levels of pesticides in or on food or feed</li> <li>• Regulation (EC) No. 1831/2003 concerning animal feed hygiene</li> <li>• Commission Recommendation- EC 2006/576/EC</li> <li>• Where applicable The Animal Feed (Amendment) (EU Exit) Regulations Statutory Instruments (Scotland, England, Wales and Northern Ireland)</li> <li>• Where applicable The Feed (Sampling and Analysis and Specified Undesirable substances) Regulations 2010. (SI for Scotland 354, Northern Ireland 323, Wales 2287 &amp; England 2280)</li> </ul>
Undesirable substances	<p>The maximum determined contents for undesirable substances in feedstuff, such as established in:</p> <ul style="list-style-type: none"> <li>• Directive 2002/32/EG on undesirable substances in animal feed;</li> <li>• GMP+FSA; Appendix 1 (Product standards, including residue standards)</li> <li>• Regulation 396/2005 on maximum residue levels of pesticides in or on food or feed.</li> </ul>
Specific analysis and standard tolerances	
Salmonella	Absent in 25g
Appearance	Light green, white or yellow powder
Country of origin	China
Health Information	
Inhalation	May cause lung congestion if inhaled
Ingestion	None – Not harmful if swallowed

R7-04A

## Product Data Sheet – Animal Feeds

Eye Contact	In the event of eye contact irrigate with water for at least 15 minutes. Exposure may result in mild irritation. Direct eye contact may result in pain, redness and watering of the eyes. Seek medical attention if symptoms persist.
Skin Contact	Dust can cause irritation or sensitivity to skin. Gloves should be worn when handling.
Toxicological Information	Not available.
Occupational exposure limits	None available
<b>Emergency first aid procedures</b>	
Ingestion	Do not induce vomiting. Give person water to drink. If gastro-intestinal symptoms develop seek medical help.
Eye Contact	In the event of eye contact irrigate with water for at least 15 minutes. Exposure may result in mild irritation. Seek medical attention if irritation Occurs.
Skin Contact	Wash effected area with soap and water. Seek medical attention if irritation develops.
Inhalation	Remove person to fresh air. Seek medical attention if symptoms develop.
<b>Physical properties</b>	
Physical state	Solid Powder like.
Appearance	Light green/yellow/white
Odour	Peas have a slight, unpleasant odour, which is typical of legumes. They must not smell musty.
Flammability limits	Where ventilation is inadequate, especially at water contents > 16%, heat and moisture result in a tendency towards self-heating. For this reason, the cargo should not be stowed near heat sources.
<b>Fire &amp; Explosion hazard</b>	
Flash point	>470°C
Flammability	Does not catch fire combustibility class 1 and has a minimum glowing temperature of 290°C.
Explosibility	St 1
Extinguishing media	Foam, dry chemical, carbon dioxide – flames should be smothered.
<b>Special firefighting procedures &amp; precautions</b>	
Suitable extinguishing agents are dry agent, carbon dioxide and foam. Fire fighters should use self-contained breathing apparatus to avoid exposure to smoke and fumes. Toxic gases such as hydrocarbons and carbon oxides may evolve when heated. <b>Water must not be used as increases the potential for heating and self-combustion</b>	
<b>Reactivity</b>	
Stability	Stable
Hazardous Polymerization	Not known.
Material to avoid	Strong oxidizing agents, heat sources and moisture.
Hazardous decomposition products	Combustion produces CO <sup>2</sup> , CO & thick smoke.
<b>Personal protection / Exposure control</b>	
Respiratory Protection	Always ensure the work area has adequate ventilation. In case of dust formation, wear appropriate respiratory protective equipment determined and fitted by an expert.
Skin protection	Gloves and overalls should be worn when handling.
Eye Protection	Always wear approved safety glasses when working. Full face protective shields can be worn to avoid contact with face. Wash stations should be provided.
Footwear	Appropriate footwear as specified by workplace requirements.
<b>Environmental Protection</b>	
Environmental precautions	Avoid excessive dust emissions.
Spill or leak precautions	No special precautions. Normal sweeping of small spillages and collection is appropriate. For larger spillages mechanical scooping may be necessary (use only diesel vehicles).
Waste disposal	Dispose spilled or contaminated material to landfill. Do not release into drains or other measures.
<b>This is for information purposes only and is not contractual</b>	