


Supplier	
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Product Specifications	
Feed Stuff	Soya beans
Trading Name	Soya beans
Image- Typical Image of Soya (beans)**	
 <p style="text-align: center;">**(product may vary in appearance depending on suppliers)</p>	
Product Description	Product of oil manufacture, obtained by extraction and appropriate heat treatment of rape seed expeller.
Specification*	<ul style="list-style-type: none"> Moisture : ~11% Crude Protein : ~47% Crude Fibre : ~6.2 % Oil : ~2.2% <p style="text-align: right;">(*Values are not contractual)</p>
General Use	The major soybean products for feed use are soybean meal and whole soybeans (usually called "full fat"), the latter being usually heat processed to destroy the antinutritional factors and improve their feed value. These products can be ground, pelleted, flaked or powdered.
Packaging & Transport	Bulk
Labelling	According to EU legislation 767/2009
Storage	Soya beans should be stored at an ambient –cool temperature in dry flat stores.
Legal Demands	The product complies with all applicable legislation. Most important elements are: <ul style="list-style-type: none"> Animal Feed Legislation Directive 2002/32/EG on undesirable substances in animal feed. Regulation 396/2005 on maximum residue levels of pesticides in or on food or feed Regulation (EC) No. 1831/2003 concerning animal feed hygiene Commission Recommendation- EC 2006/576/EC Where applicable The Animal Feed (Amendment) (EU Exit) Regulations Statutory Instruments (Scotland, England, Wales and Northern Ireland) Where applicable The Feed (Sampling and Analysis and Specified Undesirable substances) Regulations 2010. (SI for Scotland 354, Northern Ireland 323, Wales 2287 & England 2280)
Undesirable substances	The maximum allowable contents of undesirable substances in feedstuff are established in accordance with the following regulations and standards: <ul style="list-style-type: none"> Directive 2002/32/EC on undesirable substances in animal feed GMP+ FSA, Appendix 1 – Product standards, including residue standards, recalculated to a moisture content of 12% Compliance with these standards ensures feed safety and quality.
Specific analysis and standard tolerances	
Salmonella	Absent in 25g
Appearance	Round, beans with a pale-yellow appearance
Country of origin	Asia
Health Information	

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Product Data Sheet – Animal Feeds

Inhalation	Classified as a dust nuisance only. Inhalation may aggravate those with pre-existing conditions.
Ingestion	Non-hazardous food product. May cause an allergic response with sensitive individuals.
Eye Contact	Can cause discomfort.
Skin Contact	In certain individuals subject to Malady, dermatitis may occur and hence protective gloves would be advisable. The material is classified as non-toxic but as dust nuisance only. It is not a corrosive.
Toxicological Information	Rapeseed meal is non-toxic and biodegradable.
Occupational exposure limits	None available
Emergency first aid procedures	
Ingestion	Do not induce vomiting. Give person water to drink. If gastro-intestinal symptoms develop, seek medical help. Non-toxic – dust masks should be worn.
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 symptoms persist.
Skin Contact	In certain individuals subject to Malady, dermatitis may occur, and hence protective gloves may be advisable.
Inhalation	Classed as a dust nuisance however, if breathing difficulties occur move to a well-ventilated area. If breathing problems are still occurring, please seek medical help. – dust masks should be worn. Seek medical attention if required.
Physical properties	
Physical state	Solid
Appearance	Brown/black, yellow oily meal pellets.
Odor	None - Rancidity is promoted by light, atmospheric oxygen and moisture and leads to changes in odor and taste.
Flammability limits	Self-heating is promoted by factors such as moisture content, oxygen availability, high fiber content, and grain size. Additionally, residual vapors from flammable solvents used during extraction pose a significant hazard in extraction meals. It is essential to ensure that extraction meals contain negligible or no solvent residues to minimize risk.
Fire & Explosion hazard	
Flammability	BZ 2- Catches fire briefly and extinguishes rapidly.
Ignition temp	750°C
Extinguishing media	Foam, dry chemical, carbon dioxide.
Explosion class	ST 1
Special firefighting procedures & precautions	
<p>The material smoulders when exposed to heat. Suitable extinguishing agents include dry chemical agents and carbon dioxide (CO₂). Firefighters should wear self-contained breathing apparatus (SCBA) to prevent exposure to smoke and toxic fumes.</p> <p>Adequate dust extraction systems must be provided in all areas where dust accumulates.</p> <p>Water must not be used, as it increases the risk of heating and spontaneous combustion.</p>	
Reactivity	
Stability	Stable
Hazardous Polymerization	Will not occur.
Material to avoid	Strong oxidizing agents; Direct sunlight, extremely low and high temperatures and protect from moisture.
Hazardous decomposition products	The vapors of the solvent used during production are denser than air and may accumulate in the lower parts of the hold.
Personal protection / Exposure control	
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. dust masks should be worn.
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.
Environmental Protection	

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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.
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