

Supplier	
Cefetra Ltd The Lightyear Building Glasgow Airport Business Park Marchburn Drive PA3 2SJ Scotland 0141 445 5721	
Product Specifications	
Feed Stuff	Locust Beans
Trading Name	Locust Beans
Common Names	Locust Beans, Locust/Locust Meal
Image- Typical Image of Locust Beans	
 <p>**(product may vary in appearance depending on suppliers)</p>	
Product Description	Locust Beans are the outer husk / pod of the bean pod from which the seed has been removed Products consist of fragments of the outer skins of the pulses
Specification*	Admix- ~ 0.5-2% Moisture- ~10-15% (These Values are not contractual)
General Use	Locust beans supplied to the feed industry
Packaging & Transport	Bulk
Labelling	According to EU legislation 767/2009
Storage	Locust beans should be stored at an ambient –cool temperature in dry flat stores (TASCC approved). No heat should be applied to the products as it can potentially self-ignite given combustible conditions.
Legal Demands	The products comply with all relevant legal requirements and legislation. The most significant regulations include: <ul style="list-style-type: none"> <li>• Regulation (EC) No. 183/2005 on animal feed hygiene</li> <li>• Regulation (EC) No. 767/2009 on the placing on the market and use of feed</li> <li>• EU Catalogue of Feed Materials (Regulation (EU) No. 68/2013) — specifically Section 1.6.1: compulsory declaration of starch content (%)</li> </ul>
Undesirable substances	The maximum determined contents for undesirable substances in feedstuff, such as established in: <ul style="list-style-type: none"> <li>• Directive 2002/32/EG on undesirable substances in animal feed.</li> <li>• Pesticides – Regulation 396/2005</li> <li>• Regulation 1829/2003 on genetically modified food &amp; feed.</li> </ul>
Specific analysis and standard tolerances	
Salmonella	Absent in 25g
Appearance	Brownish tones

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## Product material safety data Sheet

Country of origin	EU, Portuguese origin
<b>Health Information</b>	
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 susceptible to specific conditions, such as dermatitis, skin irritation may occur.  Therefore, the use of protective gloves is recommended.  The material is classified as non-toxic and considered a dust nuisance only. It is not corrosive.
Toxicological Information	Not available.
Occupational exposure limits	Nonavailable
<b>Emergency first aid procedures</b>	
Ingestion	Non-toxic – dust masks should be worn. Seek medical attention if symptoms persist.
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	Wash effected areas with soap and water. Get medical attention promptly if symptoms occur
Inhalation	Remove individual/s to fresh air. Seek medical attention if symptoms persist.
<b>Physical properties</b>	
Physical state	Solid
Appearance	Brownish tones
Odour	None
Flammability limits	Not Known
<b>Fire &amp; Explosion hazard</b>	
Flammability	Temperature monitoring required frequently. Extraction facilities should be used in storage areas to reduce explosion risk.
Flash Point	Ignition temperature 380°C
Extinguishing media	Foam, dry chemical, carbon dioxide – flames should be smothered
Explosion Class	ST 1
<b>Special firefighting procedures &amp; precautions</b>	
The product is combustible when exposed to heat. Suitable extinguishing agents include dry powder, carbon dioxide (CO <sub>2</sub> ), and foam.  Firefighters should wear self-contained breathing apparatus (SCBA) to prevent exposure to smoke and toxic fumes. Adequate dust extraction systems must be provided in all areas where dust may accumulate to reduce the risk of ignition.  <b>Water must not be used, as it increases the potential for heating and self-combustion</b>	
<b>Reactivity</b>	
Stability	Stable
Hazardous Polymerization	Not known
Materials to Avoid	Strong oxidizing agents, moisture and heat sources.
Hazardous decomposition products	Combustion produces CO <sub>2</sub> & CO which can be toxic.
<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. dust masks should be worn.
Skin protection	Gloves and overalls should be worn when handling.

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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 discharge into sewage systems, water courses or onto the ground. Avoid excessive dust emissions
Spill or leak precautions	Clean up spilled material using broom or other measure.
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>	