

Supplier	
Cefetra Ltd The Lightyear Building Glasgow Airport Business Park Marchburn Drive PA3 2SJ Scotland 0141 445 5721	
Product Specifications	
Feed Stuff	Lucerne Meal
Trading Name	Alfalfa, Lucerne meal pellets, Alfalfa meal
Image- Typical Image of Lucerne meal	
 ** (product may vary in appearance depending on suppliers)	
Product Description	Medicago sativa L. and Medicago var. Martyn plants or parts thereof. Product obtained by drying and milling Lucerne. It may contain up to 20 % clover or other forage crops dried and milled at the same time as the lucerne.
Specification*	- Moisture ~7-11% - Crude Protein ~7-18% - Crude fat ~2.2% - Crude Fiber ~25-35% (*Values are not contractual)
General Use	Lucerne is applied in compound feedstuff for all animal classes as a source for energy and protein. These products can also be fed directly to animals.
Packaging & Transport	Bulk
Labelling	According to EU legislation 767/2009
Storage	Dry, cool and dark storage
Legal Demands	The product complies with all applicable legislation. Most important elements are: - 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 permissible contents of undesirable substances in feedstuffs are established in accordance with the following regulations and standards: - Directive 2002/32/EC on undesirable substances in animal feed - GMP+FSA, Appendix 1 (Product standards, including residue standards) - Regulation (EC) No. 396/2005 on maximum residue levels of pesticides in or on food and feed
Specific analysis and standard tolerances	
Salmonella	Absent in 25g
Appearance	Green pelletised product
Country of origin	EU origin

Health Information	
Inhalation	May cause lung congestion if inhaled. Prolonged contact with large amounts of dust may cause mechanical irritation.
Ingestion	Can cause upper GI tract disturbance.
Eye Contact	Contact can cause irritation.
Skin Contact	Dust can cause irritation or sensitivity to skin.
Toxicological Information	Not available.
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.
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 individual to fresh air. Seek medical attention if symptoms develop.
Physical properties	
Physical state	Solid
Appearance	Light - Dark green colour
Odour	Alfalfa Smell.
Flammability limits	Smolders when directly heated in flame.
Fire & Explosion hazard	
Flash point	>470°C
Flammability	Does not catch fire
Extinguishing media	Foam, dry chemical, carbon dioxide – flames should be smothered.
Special firefighting procedures & precautions	
When heated to decomposition, emits toxic fumes and toxic gases. Self-contained breathing apparatus and full protective clothing must be worn.	
Water must not be used as increases the potential for heating and self-combustion	
Reactivity	
Stability	Stable
Hazardous Polymerization	Will not occur.
Material to avoid	Avoid contact with strong oxidants, aluminum, diazomethane & phosphorus.
Hazardous decomposition products	Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.
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.
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	
Environmental precautions	This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. 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 of in accordance with local regulations. Uncontaminated product may be used as fertilizer.
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