


Supplier	
Cefetra Ltd The Lightyear Building, Glasgow Airport Business Park Marchburn Drive, PA3 2SJ Scotland 0141 445 5721	
Product Specifications	
Feed Stuff	Malting Barley
Trading Name	Malting Barley
Image- Typical Image of Malting Barley Grains**	
	
** (product may vary in appearance depending on suppliers)	
Product Description	Grains of Hordeum vulgare L are made to germinate by soaking in water, and then halted from germinating further by drying with hot air. Oval shaped grain, light brown to dark in colour, depending on the type.
Specification*	<ul style="list-style-type: none"> • Moisture - 14.5% max • Protein – 11.5% max • Admixture- 2% max • Germination Energy - 95% min • Varietal Purity - 93% min • Screenings 2.5mm – 90% Min • Screenings 2.2mm – 3% Max <p style="text-align: right;">(*Values are not contractual)</p>
General Use	Malting Barley is used to make beer, whisky & malt vinegar
Packaging & Transport	Bulk
Labelling	According to EU legislation 767/2009
Storage	Store in a cool and dry environment away from direct heat and protected from contamination with birds, insects and vermin. Avoid accumulation of dust. Favorable temps: <10°C
Legal Demands	The product complies with laws and regulations. The main elements are: <ul style="list-style-type: none"> • Regulation (EC) No 178/2002 laying down the general principles and requirements of food stuffs, establishing the European Food Safety Authority and laying down procedures in matters of food safety. • Regulation (EC) No 852/2004 on the hygiene of foodstuffs (Food Hygiene); • Commodities Control Hygiene of foodstuffs. • Regulation (EC) No 1881/2006 setting maximum levels for certain contaminants in foodstuffs. • Regulation (EC) No 396/2005 on maximum residue levels of pesticides in food • Where Applicable maximum residue level as per the Pesticides (Maximum Residue Levels) (England and Wales) Regulations 2008 (SI 2008 No. 2570) or the Regulations are the Pesticides (Maximum Residue Levels) (Scotland) Regulations 2008 (SSI 2008/342), • Regulation (EC) No 401/2006; methods of sampling and analysis for the official control of the levels of mycotoxins in foodstuffs.

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	<ul style="list-style-type: none"> Recommendation 2006/583/EC, the prevention and reduction of Fusarium toxins in cereals and cereal products.
Undesirable substances	<p>The maximum determined contents for undesirable substances in feedstuff, such as established in:</p> <ul style="list-style-type: none"> Regulation 1881/2006 setting maximum levels for certain contaminants in foodstuffs Regulation 396/2005 on maximum residue levels of pesticides in food. Regulation 401/2006- methods of sampling and analysis for the official of the levels of mycotoxins in foodstuffs. GMP+FSA; Appendix 1 (Product standards, including residue standards) recalculated to a moisture content of 12%; <ul style="list-style-type: none"> GMP+ FSA Scheme, FEMAS Scheme or Equivalent
Specific analysis and standard tolerances	
Salmonella	Absent in 25g
Appearance	Pale brown to dark, depending on type
Country of origin	UK or EU origin
Health Information	
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	Malt dust and/ or husk can cause discomfort
Skin Contact	Malt flour and dust has a drying effect and can be an irritant in prolonged contact..
Toxicological Information	Foodstuff; non-toxic.
Occupational exposure limits	May cause obstructive pulmonary disease, chronic bronchitis, asthma, and grain fever after long exposures. May cause respiratory sensitisation and other respiratory problems in some individuals.
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. Feed Barley is classified as non-toxic but as dust nuisance only. It is not corrosive.
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	Light brown to dark in colour and oval shaped grain
Odour	Characteristically Malty
Flammability limits	Not known
Fire & Explosion hazard	
Flash point	>400°C
Flammability	BZ 2- Catches fire briefly and extinguishes rapidly. BZ-4 Spread of a glowing fire
Extinguishing media	Foam, dry chemical, carbon dioxide and water spray
Explosion class	St 1
Special firefighting procedures & precautions	
<p>Malt dust is inflammable and under some circumstances can form explosive clouds in the air. Sources of ignition should be avoided. Can give rise to hazardous fumes (oxides of carbon) on combustion. Avoid dust clouds on combination with static electricity. Do not enter fire area without proper protective equipment, including respiratory protection.</p> <p>Adequate extraction facilities should be provided in all areas subject to dust.</p>	
Reactivity	
Stability	Stable
Hazardous Polymerization	Hazardous polymerization will not occur
Material to avoid	Strong oxidizing agents; Direct sunlight, extremely low and high temperatures and protect from moisture.

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Hazardous decomposition products	Carbon oxides (CO, CO ₂)
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	
Environmental precautions	Avoid excessive dust emissions. This product is biodegradable.
Spill or leak precautions	Its high content of sugars causes high biological oxygen demand, and the release of large quantities into waterways or sewers should be avoided. Spillages should be cleared up immediately and disposed.
Waste disposal	Dispose spilled or contaminated material to landfill. Do not release into drains or other measures.
This is for information purposes only and is not contractual	