


Supplier	
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Product Specifications	
Feed Stuff	Feed Wheat
Trading Name	Feed Wheat, Wheat
Image- Typical Image of Wheat**	
	
***(product may vary in appearance depending on suppliers)	
Product Description	Wheat is a type of cereal belonging to the grass family (Gramineae), the term "cereals" covering the grain fruits of cultivated grasses.
Specification*	<ul style="list-style-type: none"> • Moisture ~12.8% • Protein ~12-13% • Starch ~64% • Fibre ~3% • Oil ~1.9-2% (*Values are not contractual)
General Use	Used as a constituent of animal feed.
Packaging & Transport	Bulk
Labelling	According to EU legislation 767/2009
Storage	Wheat is to be stored in cool dry conditions (water content <14%). Dull looking grains can indicate excessive drying or self-heating.
Legal Demands	The products comply with legal requirements & legislation. The most significant elements of which are: <ul style="list-style-type: none"> • Regulation 183/2005 on Feed hygiene. • Regulation 767/2009 on placing on the market and the use of feed. • FEMAS & GMP+ Feed safety Assurance Scheme.
Undesirable substances	The maximum determined contents for undesirable substances in feedstuff, such as established in: <ul style="list-style-type: none"> • Directive 2002/32/EG on undesirable substances in animal feed; • GMP+FSA; Appendix 1 (Product standards, including residue standards) • Regulation 396/2005 on maximum residue levels of pesticides in or on food or feed.
Specific analysis and standard tolerances	
Salmonella	Absent in 25g
Appearance	Pale brown oval grain
Country of origin	EU origin
Health Information	
Inhalation	Wheat can produce dust which may irritate/affect breathing– dust masks should be worn.
Ingestion	No known effects
Eye Contact	Dust may cause irritation and redness.

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Skin Contact	Dust can cause irritation or sensitivity to skin.
Toxicological Information	Contamination of the cereal grains with the ergot fungus (<i>Claviceps purpurea</i>) is unlikely but can occur & must not exceed 0.5% of the weight of all admissible contaminants.
Occupational exposure limits	None
Emergency first aid procedures	
Ingestion	No-known effects
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 continues.
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 oval grain
Odour	Wheat has a slight, pleasant odour and is high susceptible to the absorption of stronger odours.
Flammability limits	Wheat has a tendency to self heat and is dusty which can cause an increased risk in spontaneous combustion.
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	
When storing wheat, ventilation is important. Combustible when subjected to heat. 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.	
Adequate extraction facilities should be provided in all areas subject to dust.	
Reactivity	
Stability	Stable
Hazardous Polymerization	Not known
Material to avoid	Strong oxidizing agents and moisture.
Hazardous decomposition products	In barley, metabolic processes continue even after harvesting. The cereal grains absorb oxygen and excrete carbon dioxide (CO ₂). Combustion produces CO ₂ , CO & thick smoke.
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
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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