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<b>Product Specifications</b>	
Feed Stuff	Feed Wheat
Trading Name	Feed Wheat, Wheat
<b>Image- Typical Image of Wheat**</b>	
 <p>** (product may vary in appearance depending on suppliers)</p>	
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"> <li>Moisture ~12.8%</li> <li>Protein ~12-13%</li> <li>Starch ~64%</li> <li>Fibre ~3%</li> <li>Oil ~1.9-2%</li> </ul> <p>(*Values are not contractual)</p>
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	<p>The product complies with all applicable legislation. Most important elements are:</p> <ul style="list-style-type: none"> <li>Animal Feed Legislation</li> <li>Directive 2002/32/EG on undesirable substances in animal feed.</li> <li>Regulation 396/2005 on maximum residue levels of pesticides in or on food or feed</li> <li>Regulation (EC) No. 1831/2003 concerning animal feed hygiene</li> <li>Commission Recommendation- EC 2006/576/EC</li> <li>Where applicable The Animal Feed (Amendment) (EU Exit) Regulations Statutory Instruments (Scotland, England, Wales and Northern Ireland)</li> <li>Where applicable The Feed (Sampling and Analysis and Specified Undesirable substances) Regulations 2010. (SI for Scotland 354, Northern Ireland 323, Wales 2287 &amp; England 2280)</li> </ul>
Undesirable substances	<p>The maximum allowable concentrations of undesirable substances in feed materials are defined in accordance with the following regulations and standards:</p> <ul style="list-style-type: none"> <li>Directive 2002/32/EC on undesirable substances in animal feed</li> <li>GMP+ FSA, Appendix 1 – Product Standards, including residue limits</li> <li>Regulation (EC) No. 396/2005 on maximum residue levels of pesticides in or on food and feed</li> </ul> <p>Compliance with these standards ensures the safety and quality of feedstuffs.</p>
<b>Specific analysis and standard tolerances</b>	

Salmonella	Absent in 25g
Appearance	Pale brown oval grain
Country of origin	EU origin
<b>Health Information</b>	
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.

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

<b>Emergency first aid procedures</b>	
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	Wheat dust is classified as a nuisance dust. If you experience breathing difficulties, immediately move to a well-ventilated area. Should symptoms persist, seek medical attention promptly. The use of dust masks is recommended to minimize inhalation exposure during handling.

<b>Physical properties</b>	
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 natural tendency to self-heat, particularly under improper storage conditions. Additionally, it generates significant dust, which can contribute to an increased risk of spontaneous combustion and dust-related fire hazards. Appropriate measures should be taken to manage temperature, moisture levels, and ventilation to mitigate these risks.

<b>Fire &amp; Explosion hazard</b>	
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

<b>Special firefighting procedures &amp; precautions</b>	
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.	

<b>Reactivity</b>	
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 <sub>2</sub> ). Combustion produces CO <sub>2</sub> , CO & thick smoke.

<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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## Product Data Sheet Animal Feeds

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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