


Supplier	
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Product Specifications	
Feed Stuff	Whole Rapeseed
Trading Name	Rapeseed, OSR
Image- Typical Image of Whole Rapeseed	
 ** (product may vary in appearance depending on suppliers)	
Product Description	Whole rapeseed are seeds of rape Brassica napus L. Ssp oleifera (metzg) Sinsk Of Indian sarson Brassica napus L. var. glauca (Roxb.) O.E Schulz and of rape Brassica rapa ssp. oleifera (Metzg) Sinsk. Minimum botanical purity 94% It may be rumen protected.
Specification*	<ul style="list-style-type: none"> <li>• Protein: ~25-30%</li> <li>• Oil: ~43-45%</li> <li>• Fibre: ~7- 10%</li> </ul> (*Values are not contractual)
General Use	Livestock feeds
Packaging & Transport	Bulk
Labelling	According to EU legislation 767/2009
Storage	The commodity should be stored at ambient/cool temperatures in dry flats stores. No heat should be applied to the material as it is subject to self-ignition given combustible conditions.
Legal Demands	The product complies with all applicable legislation. Most important elements are: <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. 183/2005 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	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>• GMP+FSA; Appendix 1 (Product standards, including residue standards) recalculated to a moisture content of 12%;</li> </ul>
Specific analysis and standard tolerances	
Salmonella	Absent in 25g
Appearance	Brown/black yellow oily meal pellets
Country of origin	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	Can cause discomfort.
Skin Contact	Malt flour and dust has a drying effect and can be an irritant in prolonged contact.

Toxicological Information	Not available.
Occupational exposure limits	None available.
<b>Emergency first aid procedures</b>	
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.
<b>Physical properties</b>	
Physical state	Free flowing solid- not to be walked on.
Appearance	Brown/black yellow oily meal pellets.
Odour	None - Rancidity is promoted by light, atmospheric oxygen and moisture and leads to changes in odour and taste.
Flammability limits	Causes and promoting factors of self-heating are moisture, oxygen, high fibre content and grain size. However, the residual vapours of the flammable solvents used for extraction are a hazard with extraction meal. Care must be taken to ensure that the extraction meal contains virtually no solvent residues.
<b>Fire &amp; Explosion hazard</b>	
Flammability	BZ 4- Spread of a glowing fire.
Flash Point	Not known.
Extinguishing media	Foam.
Explosion class	St 1
<b>Special firefighting procedures &amp; precautions</b>	
<p>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.</p> <p><b>Water Must not be used as increases the potential for heating and self-combustion</b></p>	
<b>Reactivity</b>	
Stability	Stable
Hazardous Polymerization	Not known.
Material to avoid	Strong oxidizing agents; Direct sunlight, extremely low and high temperatures and protect from moisture.
Hazardous decomposition products	Not known.
<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.
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 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.
<b>This is for information purposes only and is not contractual</b>	