


Supplier	
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Product Specifications	
Feed Stuff	Rape seed meal Extractions
Trading Name	Rape Meal extractions
Image- Typical Image of Rapeseed Extraction Pellets	
	
** (product may vary in appearance depending on suppliers)	
Product Description	Product of oil manufacture, obtained by extraction and appropriate heat treatment of rape seed expeller.
Specification*	<ul style="list-style-type: none"> Protein: ~ 40% Moisture: 12.5% max Oil: ~ 0.8-1.94% Fibre: ~ 12 - 13% (*Values are not contractual)
General Use	(By products of oil containing seeds are applied in compound feedstuffs for all animal classes. Rapeseed meal and canola meal are the by-product of rapeseed oil production)
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"> 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 allowable levels of undesirable substances in feed materials are defined in accordance with: <ul style="list-style-type: none"> Directive 2002/32/EC on undesirable substances in animal feed GMP+ FSA, Appendix 1 (Product standards, including residue limits), recalculated to a moisture content of 12% These standards are applied to ensure the safety, quality, and regulatory compliance of feed product
Specific analysis and standard tolerances	
Salmonella	Absent in 25g
Appearance	Brown/black yellow oily meal pellets
Country of origin	Ukrainian & Belarussian origin
Health Information	

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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	In certain individuals subject to Malady, dermatitis may occur, hence protective gloves would be advisable. The material is classified as non-toxic but as dust nuisance only. It is not a corrosive.
Toxicological Information	Rapeseed meal is non-toxic and biodegradable.
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. 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.
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	Brown/black, yellow oily meal pellets
Odor	None - Rancidity is promoted by light, atmospheric oxygen and moisture and leads to changes in odor and taste.
Flammability limits	Causes and promoting factors of self-heating are moisture, oxygen, high fibre content and grain size. However, the residual vapors 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.
Fire & Explosion hazard	
Flammability	BZ 2- Catches fire briefly and extinguishes rapidly
Ignition temp	500°C
Extinguishing media	Foam, dry chemicals, carbon dioxide.
Explosion class	St 1
Special firefighting procedures & precautions	
<p>The material is combustible when exposed to heat. Suitable extinguishing agents include:</p> <ul style="list-style-type: none"> • Dry chemical agent • Carbon dioxide (CO₂) • Foam <p>Firefighters should wear self-contained breathing apparatus (SCBA) to prevent exposure to smoke and potentially harmful fumes.</p> <p>Adequate dust extraction systems must be installed in all areas where dust may accumulate.</p> <p>Water must not be used, as it may increase the risk of heating and self-combustion</p>	
Reactivity	
Stability	Stable
Hazardous Polymerization	Not known.
Material to avoid	Strong oxidizing agents: Direct sunlight, extremely low and high temperatures and protection from moisture.
Hazardous decomposition products	The vapors of the solvent used during production are denser than air and may thus accumulate in the lower parts of the hold.
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.

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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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