R7-04A **Product Data Sheet – Animal Feeds**

Supplier
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Product Specifications	
Feed Stuff	Rapeseed expeller feed
Trading Name	Rapeseed expeller meal, Rapeseed expeller pellets

Image- Typical Image of Rapeseed Expellers

**(product may vary in appearance depending on suppliers)

Product Description	Product of oil manufacture, obtained by pressing of seeds of rape. May contain up to max 1 % used bleaching earth from integrated crushing and refining plants or filter aids. It may be rumen protected.
Specification*	• Protein: ~29-33% • Oil: ~13-16% • Fibre: ~10-12% • Moisture: ~ 9-11% Note: Values can be variable between productions (*Values are not contractual)
General Use	(By) products of oil containing seeds are applied in compound feedstuffs for all animal classes. This product can also be fed directly to animals as singular feedstuff.
Packaging & Transport	Bulk
Labelling	According to EU legislation 767/2009
Storage	The commodity should be stored at ambient or cool temperatures in dry, flat storage facilities. Application of heat must be avoided, as the material is susceptible to self-ignition under combustible conditions.
Legal Demands	The product complies with all applicable legislation. Most important elements are: • 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. 183/2005 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 determined contents for undesirable substances in feedstuff, such as established in: • Directive 2002/32/EG on undesirable substances in animal feed. • GMP+FSA; Appendix 1 (Product standards, including residue standards) recalculated to a moisture content of 12%;
Specific analysis and standard tolerances	
Salmonella	Absent in 25 g
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	In certain individuals subject to Malady, dermatitis may occur, and 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	Self-heating is influenced by factors such as moisture content, oxygen availability, high fiber content, and grain size. Additionally, residual vapors from flammable solvents used during extraction present a hazard in extraction meals. It is essential to ensure that extraction meals contain negligible or no solvent residues to mitigate this risk.
Fire & Explosion hazard	
Flammability	BZ 4- Spread of a glowing fire
Flash Point	>60°C
Extinguishing media	Foam, dry chemical, carbon dioxide and water spray
Explosion class	ST 1
Special firefighting procedures & precautions	
The material is combustible when exposed to heat. Suitable extinguishing agents include dry chemical agents, carbon dioxide (CO_2), and foam. Firefighters should wear self-contained breathing apparatus (SCBA) to prevent exposure to smoke and harmful fumes. Adequate dust extraction systems should be installed in all areas where dust is present to minimize fire risk. **Water must not be used, as it increases the risk of heating and spontaneous combustion.**	
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	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	