Product Data Sheet – Animal Feeds



Supplier	

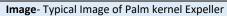
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Feed Stuff

Trading Name

Product Specifications





Palm Kernel Meal

Palm Kernel Expellers (PK)

**(product may vary in appearance depending on

aa	

Country of origin

Cote d'Ivoire

suppliers)	
Product Description	Product of oil manufacture, obtained by pressing of palm kernels Elaeis guineensis Jacq., Corozo oleifera (HBK) L. H. Bailey (Elaeis melanococca auct.) from which as much as possible of the hard shell has been removed.
C:f:+:*	
Specification*	Protein- ~11-13%
	Fat - ~ 11-13%
	Fibre- ~20-24%
	* (These 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. Palm Kernel expeller is
	typically used as cattle feed raw material. The maximum mixing rate is 25%. A maximum rate of
	5% is used in pig feed.
Packaging &	Bulk
Transport	
Labelling	According to EU legislation 767/2009
Storage	Palm Kernel should be stored at an ambient –cool temperature in dry flat stores (TASCC
	approved). No heat should be applied to the products as it can potentially self-ignite given
	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	The maximum determined contents for undesirable substances in feedstuff, such as established
substances	in:
substances	
	Directive 2002/32/EG on undesirable substances in animal feed;
	Specific analysis and standard tolerances
Salmonella	Absent in 25g
Appearance	The natural colour of PK is white, The husks and skins are dark brown/ black.



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K7-U4A	Product Data Sheet – Animai Feeds				
	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					
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	Not available.				
Information					
Occupational	None available				
exposure limits					
Emergency first aid procedures					
Ingestion	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	Wash contact areas with soap and water. Get medical attention promptly if symptoms occur				
Inhalation	Remove person to fresh air. Seek medical attention if symptoms persist.				
Physical properties					
Physical state	Solid				
Appearance	The natural colour of PK is white, The husks and skins are dark brown/ black.				
Odour	None				
Flammability limits	Not Known				
	Fire & Explosion hazard				
Flammability	Combustible when subjected to heat, also can self heat. Temperature monitoring required				
Tidilinia Sincy	frequently. Extraction facilities should be used in storage areas to reduce explosion risk.				
Flash Point	>60°C				
Extinguishing media	Foam, dry chemical, carbon dioxide – flames should be smothered				
Explosion Class	ST 1				
Expresion class	Special firefighting procedures & precautions				
Combustible when su	bjected to heat. Suitable extinguishing agents are dry agent, carbon dioxide and foam.				
	se self-contained breathing apparatus to avoid exposure to smoke and fumes.				
Adequate extraction facilities should be provided in all areas subject to dust.					
	sed as increases the potential for heating and self-combustion				
	Reactivity				
Stability	Stable				
Hazardous	Not known				
Polymerization					
Materials to Avoid	Strong oxidizing agents, moisture and heat sources.				
Hazardous	Combustion produces CO2 & CO which can be toxic.				
decomposition	Combastion produces 602 & 60 Willelf call be toxic.				
products					
p. 20000	Personal protection / Exposure control				
Respiratory	Always ensure the work area has adequate ventilation. In case of dust formation, wear				
Protection	appropriate respiratory protective equipment determined and fitted by an expert. dust masks				
5.000.011	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				
Lycriotection	avoid contact with face. Wash stations should be provided.				
	avoid contact with race. Wash stations should be provided.				

Appropriate footwear as specified by workplace requirements.

Clean up spilled material using broom or other measure.

Environmental Protection

This is for information purposes only and is not contractual

Avoid discharge into sewage systems, water courses or onto the ground. Avoid excessive dust

Dispose spilled or contaminated material to landfill. Do not release into drains or other

Footwear

Environmental

precautions Spill or leak

precautions Waste disposal

measures.