Supplier
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Product Specifications	
Feed Stuff	Maize Gluten Feed
Trading Name	Maize Gluten meal feed/ Corn Gluten Meal

Image- Typical Image of Maize Gluten Meal *

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

Product Description	Product of the manufacture of maize starch. It is composed of bran and maize solubles. The product may also include broken maize, and residues form the oil extraction of maize germs, Other products derived from starch and from the refining or fermentation of starch products may be added.
Specification*	• Crude protein- ~18-20% • Crude fat - ~ 1.7-3.8% • Crude fiber - ~ 7 - 9% • Moisture- ~ 10 - 12% (*Values are not contractual)
General Use	Used in animal feed.
Packaging & Transport	Bulk
Labelling	According to EU legislation 767/2009
Storage	Maize Gluten should be stored at an ambient –cool temperature in dry flat stores. No heat should be applied to the products as they have potential to 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 substances	The maximum permissible contents of undesirable substances in feedstuffs are established in accordance with the following regulations and standards, with values recalculated to a moisture content of 12%: • Directive 2002/32/EC on undesirable substances in animal feed • GMP+FSA, Appendix 1 (Product standards, including residue standards) • Regulation (EC) No. 396/2005 on maximum residue levels of pesticides in or on food and feed

Specific analysis and standard tolerances	
Salmonella	Absent in 25g
Appearance	Yellow whole grain.

Country of origin	French/ EU/ Black Sea origin.
Health Information	
Inhalation	When handled, maize meal can give off dust. Prolonged inhalation of excessive amounts of nuisance dust may affect the respiratory system. Prolonged or repeated exposure may result in lung damage.
Ingestion	No known hazards.
Eye Contact	Contact can cause irritation.
Skin Contact	Dust can cause irritation or sensitivity to skin.
Toxicological Information	Non-toxic product.
Occupational exposure limits	None available.
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 irritation Occurs.
Skin Contact	Wash effected area with soap and water. Seek medical attention if irritation develops.
Inhalation	Remove individual to fresh air. Seek medical attention if symptoms develop.
Physical properties	
Physical state	Solid
Appearance	Yellow/Orange whole grain, may be ground, flaked, rolled or pelleted.
Odor	Corn gluten pellets have a slight, pleasant odor. When exposed to moisture, they often release a strong odor and must not be stowed together with valuable, odor-sensitive products.
Flammability limits	Not known.
Fire & Explosion hazard	
Flash point	>60°C
Flammability	Maize gluten has a strong tendency to self-heat. If cargo temperatures rise above **40°C**, immediate action must be taken to reduce the temperature. Should temperatures exceed **60°C**, the risk of fire increases significantly, necessitating prompt and appropriate measures. Damage resulting from self-heating can lead to substantial product depreciation
Extinguishing media	Foam, dry chemical, carbon dioxide
Explosibility	St 2
Special firefighting procedures & precautions	
The product is combustible when exposed to heat. Suitable extinguishing agents include dry powder, carbon dioxide (CO_2), and foam. Firefighters should wear self-contained breathing apparatus (SCBA) to prevent exposure to smoke and hazardous fumes. Adequate dust extraction systems must be provided in all areas prone to dust accumulation. **Water must not be used, as it can increase the risk of heating and self-combustion**	
Reactivity	
Stability	Stable
Hazardous Polymerization	Will not occur.
Material to avoid	Moisture- Care should be taken to ensure that the surfaces are not cooled too much, to avoid the formation of damp boundary layers beneath the cargo surface.
Hazardous decomposition products	Combustion produces CO_2, CO & thick smoke.
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.
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	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.
This is for information purposes only and is not contractual	