

Corn Gluten Meal - MSDS

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier:

Product name: Corn Gluten Meal
 Product Number: FPP-1
 Brand: Pangoo
 CAS-No.: 6071-96-3

Name of supplier, address and emergency telephone number:

Company : Pangoo Biotech Hebei Co., Ltd.
 Add: Cangzhou, Hebei, China
 Emergency telephone number: +86-317-8585021

Product use: As feed additive for animals

Date of MSDS preparation: 11/21/2018

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Composition:

Name	CAS #	% by Weight
Corn Gluten Meal	6071-96-3	100

Toxicological Data on Ingredients: Not applicable.

SECTION 3 HAZARDS IDENTIFICATION

Hazardous Ingredients: None

Ingredients: Corn gluten meal, calcium carbonate

Potential Health Effects: (health hazards are applicable to prolonged exposure in confined spaces)

Eyes: mild irritant

Skin: none

Inhalation: dust from product may be irritating; remove to fresh air Grain dust from corn gluten OSHA PEL: 15 mg/m³

HMIS Hazard Rating: (0 = insignificant, 1 = slight, 2 = moderate, 3 = high, 4 = extreme)

Health = 1

Flammability = 1

Reactivity = 0

Fire and Explosion Hazard: Grain dust suspended in the air can be explosive at critical dust:air concentrations.

SECTION 4 FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: N/A

Eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops.

Serious Skin Contact:	N/A
Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Serious Ingestion:	N/A

 SECTION 5 FIRE FIGHTING MEASURES

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: N/A

Flash Points: N/A

Flammable Limits: N/A

Products of Combustion: N/A

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: N/A

Special Remarks on Explosion Hazards:

Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

 SECTION 6 ACCIDENTAL RELEASE MEASURES

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

 SECTION 7 HANDLING AND STORAGE

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.

Storage:

Keep container tightly closed. Keep container in a cool, well-ventilated area.

 SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:

Safety glasses. Lab coat. Gloves (impervious).

Respiratory protection is not necessary for normal handling and with adequate room ventilation. A dust respirator is recommended if ventilation is inadequate and/or if handling of material generates visible dust clouds.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: N/A

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance:	Solid. (Solid powder.)
Odor:	N/A
Taste:	N/A
Molecular Weight:	N/A
Color:	Yellow with a brown cast
pH (1% soln/water):	N/A
Boiling Point:	N/A
Melting Point:	N/A
Critical Temperature:	N/A
Specific Gravity:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Volatility:	N/A
Odor Threshold:	N/A
Water/Oil Dist. Coeff.:	N/A
Ionicity (in Water):	N/A
Dispersion Properties:	N/A
Solubility:	N/A

SECTION 10 STABILITY AND REACTIVITY

Stability:	The product is stable.
Instability Temperature:	N/A
Conditions of Instability:	N/A
Incompatibility with various substances:	Excess heat, incompatible materials
Corrosivity:	N/A
Special Remarks on Reactivity:	N/A
Special Remarks on Corrosivity:	N/A
Polymerization:	Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Toxicity to Animals:	LD50: Not available. LC50: Not available.
Routes of Entry:	Inhalation. Ingestion.
Other Toxic Effects on Humans:	Slightly hazardous in case of inhalation. Non-irritant for skin. Non-hazardous in case of ingestion.
Chronic Effects on Humans:	N/A
Special Remarks on Toxicity to Animals:	N/A

Special Remarks on Chronic Effects on Humans:	Acute Potential Health Effects: Skin: Not likely to cause skin irritation. Eyes: Dust may cause eye irritation by mechanical action. Inhalation: Not expected to be an inhalation hazard for normal handling. Dust may cause respiratory tract irritation by mechanical action. Ingestion: Non-hazardous. Ingestion of large amounts may cause gastrointestinal upset.
Other Toxic Effects on Humans:	N/A

 SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity:	N/A
BOD5 and COD:	N/A
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation:	N/A
Special Remarks on the Products of Biodegradation:	N/A

 SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal:
 Waste must be disposed of in accordance with federal, state and local environmental control regulations.

 SECTION 14 TRANSPORT INFORMATION

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

 SECTION 15 REGULATORY INFORMATION

Federal and State Regulations:	TSCA 8(b) inventory: Corn Gluten Meal FDA: Direct Food Additives GRAS (21CFR184): Listed as Corn Gluten. FDA: Everything Added to Food in the United States: Listed as Corn Gluten.
Other Regulations:	EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS No. 266-116-0). Canada: Listed on Canadian Domestic Substance List (DSL). China: Not listed on National Inventory. Japan: Not listed on National Inventory (ENCS). Korea: Not listed on National Inventory (KECI). Philippines: Listed on National Inventory (PICCS). Australia: Listed on AICS.
Other Classifications:	
WHMIS (Canada):	Not controlled under WHMIS (Canada).
DSCL (EEC):	This product is not classified according to the EU regulations.
HMIS (U.S.A.):	Health Hazard: 1 Fire Hazard: 1 Reactivity: 0 Personal Protection: B

National Fire Protection Association (U.S.A.): Health: 1
Flammability: 1
Reactivity: 0
Specific hazard:

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

SECTION 16

OTHER INFORMATION

"IMO" : not dangerous for sea transport

Disclaimer

Additional references can be taken from the label or the product description. The information given here is correct to the best of our knowledge at the time of writing this sheet. No responsibility can be taken for improper use or handling of the product.