

Material Safety Data Sheet of Corn Gluten Meal 65%

Section 1: Product And Company Identification

- **Product identifiers**

Product name: Corn Gluten Meal 65%
Product Number: FPP-165
Brand: Pangoo
CAS-No.: 66071-96-3

- **Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Laboratory chemicals, Synthesis of substances

- **Details of the supplier of the safety data sheet**

Company: Pangoo Biotech Hebei Co., Ltd.
Telephone: 0086-317-8585021
Fax: 0086-317-3171801

- **Emergency telephone number**

Emergency Phone: 0086-317-8585021

Section 2: Hazards Identification

- **Classification of the substance or mixture**

Not a hazardous substance or mixture.

- **GHS Label elements, including precautionary statements**

Not a hazardous substance or mixture.

- **Hazards not otherwise classified (HNOC) or not covered by GHS – none**

Section 3 : Composition/Information On Ingredients

- **Substances**

Synonyms:	corn gluten meal;gluten,enzymatic hydrolysate; gluten hydrolysate;corn;cornglutens;glutens,corn; zea mays(corn) kernel meal;gluten, corn
CAS-No. :	66071-96-3
EC-No. :	266-116-0

Section 4 : First-Aid Measures

- **Description of first aid measures**

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

- **Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

- **Indication of any immediate medical attention and special treatment needed**

No data available

Section 5 : Fire-fighting Measures

- **Extinguishing media**

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

- **Special hazards arising from the substance or mixture**

Carbon oxides, Nitrogen oxides (NO_x), Hydrogen chloride gas

- **Advice for firefighters**

Wear self-contained breathing apparatus for fire fighting if necessary.

- **Further information**

No data available

Section 6 : Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Avoid breathing dust.

For personal protection see section 8.

- **Environmental precautions**

Do not let product enter drains.

- **Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

- **Reference to other sections**

For disposal see section 13.

Section 7 : Handling And Storage

- **Precautions for safe handling**

Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

- **Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place.

Hygroscopic. Store under inert gas.

Storage class (TRGS 510): Non Combustible Solids.

- **Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

Section 8 : Exposure Controls/Personal Protection

- **Control Parameters**

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

- **Exposure Controls**

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Splash contact

Material: Nitrile rubber Minimum layer thickness: 0.11 mm

Break through time: 480 min

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

Section 9 : Physical and Chemical Properties

- Information on basic physical and chemical properties

Appearance	Yellow or light yellow powder
Odor	No data available
Odor threshold	No data available
PH	No data available
Melting Point/Freezing Point	No data available
Initial boiling point and boiling range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability(Solid, Gas)	No data available
Upper/lower flammability or exposure limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density	No data available
Water Solubility	No data available
Partial coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available

Explosive properties	No data available
Oxidizing properties	No data available

Section 10 : Stability and Reactivity

- **Reactivity**

No data available

- **Chemical stability**

Stable under recommended storage conditions.

- **Possibility of hazardous reactions**

No data available

- **Conditions to avoid**

No data available

- **Incompatible materials**

Strong oxidizing agents, Strong acids, Strong bases

- **Hazardous decomposition products**

Other decomposition products – No data available

In the event of fire: see section 5

Section 11 : Toxicological Information

- **Information on toxicological effects**

- **Acute toxicity**

LD50 Oral – Rat – 3,500 mg/kg Inhalation: No data available Dermal: No data available

No data available

- **Skin corrosion/irritation**

Skin – Rabbit

Result: No skin irritation – 20 h

- **Serious eye damage/eye irritation**

Eyes – Rabbit

Result: No eye irritation

- **Respiratory or skin sensitisation**

No data available

- **Germ cell mutagenicity**

Ames test

- **Mobility in soil**
No data available
- **Results of PBT and vPvB assessment**
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
- **Other adverse effects**
No data available

Section 13 : Disposal Considerations

- **Waste treatment methods**
 - Product**
Offer surplus and non-recyclable solutions to a licensed disposal company.
 - Contaminated packaging**
Dispose of as unused product.

Section 14 : Transport Information

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

Section 15 : Regulatory Information

- **SARA 302 Components**
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- **SARA 313 Components**
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De minimise) reporting levels established by SARA Title III, Section 313.
- **SARA 311/312 Hazards**
No SARA Hazards
- **Massachusetts Right To Know Components**
No components are subject to the Massachusetts Right to Know Act.

- California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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.