

# Fish Meal- MSDS

## MATERIAL SAFETY DATA SHEET

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### SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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**Product Identifier:**

Product name: Fish Meal or Fishmeal  
 Product Number: FPP-2  
 Brand: Pangoo  
 CAS-No.: 94944-98-6

**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

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### SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

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It is powder obtained by cooking, drying and grinding the fish or fish trimmings.

Protein	60%	65%	72%
Crude Fat	10% max	10% max	10% max

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### SECTION 3 HAZARDS IDENTIFICATION

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**Emergency overview:** Possible stomach disorders if taken orally, possible lung congestion if breathed.

**Potential health effects:**

Inhalation: Avoid.  
 Eye contact: In case of dust or granule in the eyes, flush thoroughly with running water.  
 Skin Contact: Wash thoroughly with soap and water.  
 Ingestion: Give plenty of water to drink and provoke vomiting. If needed, call a doctor.  
 Medical Conditions aggravated by Exposure: Inhalation of dust may aggravate asthma in susceptible individuals.

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### SECTION 4 FIRST AID MEASURES

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**Inhalation:** In case of inhalation of fumes from overheating or combustion, move to fresh air. If needed, seek medical attention.  
**Eye contact:** In case of dust or granule in the eyes, flush thoroughly with running water.  
**Skin Contact:** Wash thoroughly with soap and water.  
**Ingestion:** Give plenty of water to drink and provoke vomiting. If needed, call a doctor.

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### SECTION 5 FIRE FIGHTING MEASURES

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**Flashpoint and Method:** N/A  
**Extinguishing Media:** Water, CO2, dry chemical foam

<b>Explosion Hazard:</b>	High airborne dust concentrations have the potential for explosion.
<b>Fire Fighting Procedures:</b>	Treat as class A
<b>Fire Fighting Equipment:</b>	Wear self-contained breathing apparatus to fight large fires.
<b>Flammable Limits:</b>	N/A

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 SECTION 6 ACCIDENTAL RELEASE MEASURES
 

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Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Avoid dusting or misting conditions during cleanup. If material is uncontaminated, collect and reuse as recommended for product. If contaminated, put in appropriate container and dispose. Keep spills away from drinking water supplies. After cleaning up spill, flush area with water.

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 SECTION 7 HANDLING AND STORAGE
 

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<b>Handling:</b>	See label. Wash hands with soap and water after handling product
<b>Storage:</b>	Store in a cool, dry area away from incompatible materials and heat sources. Store away from feed and foodstuffs, as well as household cleaning products.
<b>Containers:</b>	Avoid container breakage; keep away from sparks, flames and excessive heat.
<b>Carcinogenicity:</b>	None known
<b>Effects of Exposure:</b>	Avoid inhalation or contact with skin, eyes, or clothing.
<b>Ecological Information:</b>	Keep out of lakes, streams or ponds.
<b>Other Concerns:</b>	Keep out of reach of children and pets.

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 SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION
 

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<b>Engineering Controls:</b>	Ventilation and personal protection are recommended whenever dust levels are high or product does not remain intact. Running water should be available in case material gets in eyes.
<b>Respiratory Protection:</b>	If airborne dust levels are high or product does not remain intact, use a combination of engineering controls, such as ventilation, and personal protection, such as an approved respirator, to reduce exposures to acceptable levels.
<b>Eyes and Face Protection:</b>	Goggles Recommended Dust Mask with organic vapor filter.
<b>Skin:</b>	None required for normal use. If prolonged or repeated use irritates skin, use neoprene or PVC gloves.
<b>Other Protective Clothing or Equipment:</b>	Normal work clothing
<b>Work/Hygienic Practices:</b>	Open wounds should be kept clean and suitably protected.

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 SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES
 

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<b>Physical State:</b>	Solid	<b>Boiling Point:</b>	Decomposes
<b>Appearance:</b>	Granular, powder or pellets	<b>Vapor Pressure:</b>	Not applicable
<b>Color:</b>	Light tan to medium brown	<b>Solubility in Water:</b>	Insoluble
<b>Odor:</b>	Organic and earthy	<b>Melting point:</b>	Decomposes
<b>pH:</b>	Not applicable	<b>Evaporation rate:</b>	Not applicable
<b>Density:</b>	38 - 40 lbs/cubic foot	<b>Specific gravity:</b>	Not applicable

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 SECTION 10 STABILITY AND REACTIVITY
 

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<b>Chemical Stability:</b>	Stable
<b>Hazardous polymerization:</b>	No
<b>Conditions to Avoid:</b>	N/A
<b>Hazardous Decomposition Products:</b>	None Known
<b>Incompatible Materials:</b>	None Known

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 SECTION 11 TOXICOLOGICAL INFORMATION
 

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<b>Acute and Chronic Toxicity:</b>	No data
<b>Carcinogenicity, Teratogenicity, Mutagenicity, Reproductive Effects:</b>	None known
<b>General Comments</b>	Possible nausea, skin or eye irritation. Inhalation of dust may aggravate asthma. Eye contact with product may cause irritation, flush eyes with water as soon as possible.

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 SECTION 12 ECOLOGICAL INFORMATION
 

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<b>Degradability:</b>	Easily eliminable.
No ecological problems are to be expected when the product is handled and used with due care and attention.	

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 SECTION 13 DISPOSAL CONSIDERATIONS
 

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**Product:**

There are no uniform EC regulations for the disposal of chemicals or residues. The disposal of the later is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which wil advise you of how to dispose of special waste.

**Packaging:**

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packagoing may be treated like household waste.

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 SECTION 14 TRANSPORT INFORMATION
 

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<b>DOT (US)</b>	Not dangerous goods
<b>IMDG</b>	Not dangerous goods
<b>IATA</b>	Not dangerous goods

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 SECTION 15 REGULATORY INFORMATION
 

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**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.

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SECTION 16

OTHER INFORMATION

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"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.*