

Feed Yeast Powder - MSDS

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier:

Product name: Feed Yeast Powder
Product Number: FPP-4
Brand: Pangoo
CAS-No.: 68308-36-1

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
Yeast extract	8013-01-2	100

Toxicological Data on Ingredients: N/A

SECTION 3 HAZARDS IDENTIFICATION

Potential Acute Health Effects:

Slightly hazardous in case of eye contact (irritant), of ingestion, of inhalation. Non-irritant for skin.

Potential Chronic Health Effects:

Repeated or prolonged exposure is not known to aggravate medical condition.

CARCINOGENIC EFFECTS: N/A

MUTAGENIC EFFECTS: N/A

TERATOGENIC EFFECTS: N/A

DEVELOPMENTAL TOXICITY: N/A

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.

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. Cover the irritated skin with an emollient. 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. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

SECTION 5 FIRE FIGHTING MEASURES

Flammability of the Product:	May be combustible at high temperature.
Auto-Ignition Temperature:	Not applicable.
Flash Points:	Not applicable.
Flammable Limits:	Not applicable.
Products of Combustion:	Not applicable.
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:	As with most organic solids, fire is possible at elevated temperatures
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. Dust respirator. Use a dust respirator if ventilation is inadequate and/or handling of material generates visible dust clouds. Be sure to use an approved/certified respirator or equivalent. Gloves (impervious).

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

Appearance:	Solid. (Powdered solid.)
Odor:	Characteristic.
Taste:	N/A
Molecular Weight:	N/A
Color:	Yellowish. Tan.
pH (1% soln/water):	6 - 7.4 (25% solution)
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:	See solubility in water.
Solubility:	N/A

SECTION 10 STABILITY AND REACTIVITY

Stability:	The product is stable.
Instability Temperature:	N/A
Conditions of Instability:	Excess heat, incompatible materials, dust generation
Incompatibility with various substances:	Reactive with oxidizing agents.
Corrosivity:	Non-corrosive in presence of glass.
Special Remarks on Reactivity:	N/A
Special Remarks on Corrosivity:	N/A
Polymerization:	Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation. Ingestion.
Toxicity to Animals:	LD50: Not available. LC50: Not available.
Chronic Effects on Humans:	N/A
Other Toxic Effects on Humans:	Slightly hazardous in case of ingestion, of inhalation. Non-irritant for skin.
Special Remarks on Toxicity to Animals:	Lethal Dose/Conc 50% Kill: LD50[Rat] - Route: Intraperitoneal; Dose: 4500 mg/kg LD50[Mouse] - Route: Intraperitoneal; Dose: >8000 mg/kg
Special Remarks on Chronic Effects on Humans:	N/A

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:
 Skin: Not likely to cause skin irritation.
 Eyes: Dust may cause eye irritation by mechanical action.
 Inhalation: Dust may cause respiratory tract irritation by mechanical action.
 Ingestion: Low hazard. Ingestion of very large amounts may cause gastrointestinal tract disturbances. The only data that was found in the Registry of Toxic Effects of Chemical Substances (RTECS) was LD50 toxicity for rat and mouse by the intraperitoneal route. Exposure to very large amounts by intraperitoneal route did affect behavior/central nervous system (convulsions, somnolence), respiration (dyspnea), and eyes (pupillary dilation). However, this not a usual route of exposure that any one handling the material would experience.

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 a DOT controlled material (United States).
Identification	N/A
Special Provisions for Transport:	N/A

SECTION 15 REGULATORY INFORMATION

Federal and State Regulations

TSCA 8(b) inventory: Yeast extract
 FDA: Direct Food Additives GRAS (21CFR 184): Listed as Bakers yeast Extract.
 FDA: Everything Added to Food in the United States List (EAFUS): Listed as Bakers Yeast Extract

California Proposition 65 Warnings

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found.
 California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found.

Other Regulations

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS No. 232-387-9).
 EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS No. 232-387-9).
 Canada: Not listed on Canadian Domestic Substance List (DSL) or Canadian Non-Domestic Substances list (NDSL)
 China: 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).
DSCG (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: E
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.