

Soybean Meal - MSDS

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier:

Product name: Soybean Meal
 Product Number: FPP-7
 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
Soybean Meal	68308-36-1	100

Toxicological Data on Ingredients: Not applicable.

SECTION 3 HAZARDS IDENTIFICATION

OSHA/HCS Status:

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910. 1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture:

Organic Dust

Hazard Statements:

Class 2B eye irritant. May cause breathing difficulties if inhaled. May create a flash fire or explosion hazard if dust of certain particle size is suspended in air at sufficient concentration in a confined space and exposed to an ignition source.

General: Dust may burn if suspended in air and may create a flash fire/explosion hazard. Avoid ignition sources.

Precautionary statements:

Prevention: Avoid breathing dust. Excessive inhalation may affect nose, throat, and lungs.

Response: May be mechanical eye irritant. Rinse eyes with water for several minutes.

Storage: Not Applicable.

Disposal: Not Applicable.

Hazard Ratings:

NFPA 704:

Health- 0
 Fire- 0
 Reactivity- 0
 Health- 0
 Fire- 0
 Reactivity- 0

HMIS:

SECTION 4 FIRST AID MEASURES

Inhalation:	Move the exposed person to fresh air at once. Seek medical attention if breathing difficulty or discomfort occurs/persists.
Eye contact:	Flush with water for at least 15 minutes. Obtain medical attention if irritation occurs/persists.
Skin Contact:	Wash skin with soap and plenty of water. Obtain medical attention if irritation occurs/persists.
Ingestion:	Give several glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical guidance.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Water fog, dry chemical powders or foam.
Special Fire Fighting Procedures:

Wear self-contained breathing apparatus as required for the situation. Do not use strong streams of water or dry chemical if dust can be dispersed into the air. Dust placed in suspension with an ignition source present may flash or explode.

Unusual Fire And Explosion Hazards:

Explosion hazard may exist for combustible dusts of certain particle size and moisture content when suspended in air at certain concentrations and subjected to an ignition source.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions/Personal Protective Equipment/Emergency Procedures:

Use Personal Protective Equipment according to section 8. Avoid dust formation.

Methods and Materials for containment/Safe Storage:

Clean up with soft bristle broom(s) or a vacuum approved for a class II hazardous location. Dust deposits should be maintained to a minimum on surfaces, as these could form an explosion mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (IE: cleaning dust surfaces with compressed air in the presence of ignition source/s should not be allowed). Non-sparking tools should be used.

Cleanup:

Use the appropriate tools to collect the material and dispose of it in an approved waste disposal container.

SECTION 7 HANDLING AND STORAGE

Handling:

Prevent formation of dust where possible. Avoid dispensing dust in air and exposure to potential ignition sources. Remove feed dust from area/processing equipment prior to using any heat producing equipment such as arc welders, cutting torches and spark/heat producing tools such as portable surface grinders.

Storage:

Store in a dry and preferably cool place.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls/PPE:

Evaluate hazard assessment to determine PPE. PPE that should be considered are; safety glasses, gloves and respiratory protection. Respiratory PPE such as an approved NIOSH dust respirator whenever dust concentrations in the work area are above ACGIH TLV/OSHA PELs. OSHA PEL is 15 MG/M3 and 5 MG/M3 is respirable. ACGIH TLV is 10 MG/M3. Caution: High dust exposure should be avoided by individuals with pulmonary disorders. Dust may cause irritation of the nasal membranes

or the upper respiratory tract.

General Protective and Hygienic measures:

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:

Wash hands before breaks and at end of work. Avoid contact with the eyes and skin.

Ventilation/Mechanical:

Use exhaust systems as a form of ventilation. Use dust collection systems in accordance with OSHA regulations.

Ensure that dust handling systems (IE: Ducts, dust collectors, vessels and processing equipment) are designed in a manner to prevent the escape of dust into the work areas. Use only appropriately classified electrical equipment and powered industrial trucks.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Tan
Odor:	Pleasant roasted with perhaps a sweet odor
Taste:	N/A
Molecular Weight:	N/A
Color:	Dark Brown
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:	Stable

SECTION 10 STABILITY AND REACTIVITY

Stability:	The product is stable.
Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Conditions to Avoid:	N/A
Materials to Avoid:	Strong Oxidizing Agents
Hazardous Decomposition Products	N/A
Hazardous Polymerization:	Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation, Skin and Eyes. Ingestion not likely.
Carcinogenicity Categories:	NTP--No, IARC Monographs--No, OSHA regulated--No
Acute:	May be mechanical irritant to skin and eyes. Excessive inhalation of feed dusts may affect the nose, throat, and lungs.
Chronic:	Repeated and prolonged inhalation of feed dusts may affect the respiratory

Chronic:	system. Smokers have an increased risk of respiratory effects.
Signs and Symptoms of Exposure:	Irritation to the skin, eyes, nose or throat may occur. Some individuals may experience coughing.
Medical Conditions generally aggravated by exposure:	Allergies and respiratory ailments.

 SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity:	N/A
BOD5 and COD:	N/A
Persistence and degradability:	N/A
Bioaccumulative potential:	N/A
Mobility in soil:	N/A
Other adverse effects:	N/A

 SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal:

Dispose of in accordance with Local, State and Federal environmental regulations.

 SECTION 14 TRANSPORT INFORMATION

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

 SECTION 15 REGULATORY INFORMATION

This product does not contain toxic chemicals subject to the reporting requirements of SARA Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

All electrical equipment must be suitable for use in hazardous atmospheres involving combustible dust in accordance with 29 CFR 1910.307. The National Electrical Code contains guidelines for determining the type and design of equipment and installation, which will meet this requirement.

Combustible dust is a "Hazard other than Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1901.1200.

Section (b)(5)(iii) of the HCS (29 CFR 1910.1200) exempts food, including feed, and therefore any associated dust, from the labeling requirements of the HCS since the food/feed is subject to the labeling requirements of the Food and Drug Administration.

 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.