

Distillers Dried Grains with Solubles - MSDS

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier:

Product name: Distillers Dried Grains with Solubles
 Product Number: FPP-8
 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
Distillers Dried Grains with Solubles	N/A	100

Composition comments:

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

SECTION 3 HAZARDS IDENTIFICATION

OSHA/HCS Status: This product is hazardous according to OSHA 29 CFR 1910.1200.

Potential environmental effects The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Hazard Statements: Not expected to produce significant adverse health effects when the recommended instructions for use are followed.

Precautionary statements: No known significant effects or critical hazards. Avoid prolonged contact with eyes, skin and clothing.

SECTION 4 FIRST AID MEASURES

Inhalation: Move exposed person to fresh air. Get medical attention if symptoms occur.

Eye contact: Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 20 minutes.
Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Notes to physician: No specific treatment. Treat symptomatically. Contact poison treatment specialist

Notes to physician.

immediately if large quantities have been ingested or inhaled.

SECTION 5 FIRE FIGHTING MEASURES

Flammable properties:

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

Extinguishing media

Suitable: Use an extinguishing agent suitable for the surrounding fire.

Not suitable: N/A

Hazardous decomposition products N/A

Special protective equipment for fire-fighters No special protection is required.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions:

Put on appropriate personal protective equipment (see Section 8).

Environmental precautions:

Environmental manager should be informed of all releases, as necessary. Reporting of releases to appropriate regulatory agencies may be required.

Cleanup:

Sweep up and place in a clearly labeled container for chemical waste. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Nonsparking tools should be used.

SECTION 7 HANDLING AND STORAGE

Handling:

Wear protective clothing as described in Section 8 of this safety data sheet. Minimize dust generation and accumulation. Use only with adequate ventilation. Wash thoroughly after handling.

Storage:

Keep container closed. Store away from incompatible materials (See Section 10). Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls:

Ensure adequate ventilation, especially in confined areas. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment.

Personal protective equipment

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:

Respiratory protection:	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister.
Eye contact:	Wear safety glasses with side shields (or goggles).
Skin Contact:	Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact glove manufacturer for specific information.
General hygiene considerations:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown granular
Odor:	Slightly toasted smell.
Taste:	N/A
Molecular Weight:	N/A
Color:	Brown
pH:	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:	Material is stable under normal conditions.
Conditions to avoid:	Heat, sparks, flames, elevated temperatures. Minimize dust generation and accumulation.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products are known.
Possibility of hazardous reactions:	Hazardous polymerization does not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute:	Dusts may irritate the respiratory tract, skin and eyes.
Sensitization:	No sensitizing effects known.
Carcinogenicity:	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

 SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity:	N/A
Persistence and degradability:	The product is expected to be biodegradable.
Bioaccumulation / Accumulation:	The product is expected to be biodegradable.
Mobility in soil:	N/A
Other adverse effects:	N/A

 SECTION 13 DISPOSAL CONSIDERATIONS

Disposal instructions:

Dispose of contents/container in accordance with local/regional/national/international regulations.

Contaminated packaging:

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

 SECTION 14 TRANSPORT INFORMATION

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

 SECTION 15 REGULATORY INFORMATION

US federal regulations:	This product is hazardous according to OSHA 29 CFR 1910.1200.
CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4):	None
Superfund Amendments and Reauthorization Act of 1986 (SARA):	
Hazard categories:	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No
Section 302 extremely hazardous substance (40 CFR 355, Appendix A):	No
Section 311/312 (40 CFR 370):	Yes
Drug Enforcement Administration (DEA) (21 CFR 1308.11-15):	
Canadian regulations:	This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.
WHMIS status:	Non-controlled
State regulations:	This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.
Mexico regulations:	This safety data sheet was prepared in accordance with the Official Mexican Standard (NOM-018-STPS-2000).

 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.