

BUNGE-ERGON VICKSBURG, LLC

Wet Distillers Grains

MSDS No. BEV001

Date of Preparation: **April 6, 2009**

Revision No. 2

Section 1 – Chemical Product and Company Information

Product/Chemical Name:	Wet Distillers Grains
Chemical Formula:	Not applicable
CAS Number:	Not applicable
Other Designations:	WDG, WDGS, Distillers Grains
General Use:	Animal Feed
Manufacturer:	Bunge-Ergon Vicksburg, LLC, 1833 Haining Road, Vicksburg, Mississippi 39183, (601) 636-1976; Hours of Operation 8:00 am – 5:00 pm; ERGON 24 Hour Emergency Phone Number 1-800-222-7122; CHEMTREC 1-800-424-9300.

Section 2 – Composition / Information on Ingredients

Ingredient Name	CAS Number	% Weight
Distillers dry grains and solubles	Not applicable	Approximately 30
Water	7732-18-5	Balance

INGREDIENT	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Distillers dry grains and solubles	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.

Section 3 – Hazards Information

EMERGENCY OVERVIEW

HMIS H-0 F-0 R-0 PPE* * Sec.8

POTENTIAL HEALTH EFFECTS

Primary Entry Routes: Inhalation, ingestion, and absorption.

Target Organs: Not available.

Acute Effects: It is unlikely that an acute hazard would be posed from ingestion of this product. Dust from this product may cause irritation upon respiration. No evidence of significant adverse effects from available information. Fibers may cause minor skin irritation.

Carcinogenicity: Product not listed as a IARC, NTP, ACGIH, or OSHA carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: Not available.

Chronic Effects: Not available.

Section 4 – First Aid Measures

Inhalation: Dust from this product is categorized as a nuisance particulate. May cause irritation upon respiration. Remove victim to fresh air.

Eye Contact: Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.

Skin Contact: Fibers may mildly irritate skin. Flush contaminated area with water for at least 20 minutes. Remove contaminated clothing under running water. Completely decontaminate clothing before re-use, or discard. If irritation occurs seek medical attention.

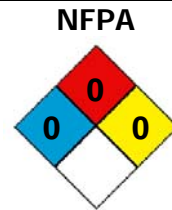
Ingestion: It is unlikely that an acute hazard would be posed from ingestion of this product. Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. DO NOT INDUCE VOMITING. Have victim drink about 250 ml (8 oz) of water to dilute material in stomach. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.

After first aid, get appropriate in-plant paramedic or community medical support.

Special Precautions/Procedures: Wet distillers grains are an animal feed product. Health effects upon exposure or ingestion are expected to be minimal.

Section 5 – Fire Fighting Measures

Flash Point: Not applicable
Flash Point Method:
Auto ignition Temperature: Not applicable
LEL: Not applicable
UEL: Not applicable
Flammability Classification:
Extinguishing Media: Not flammable or combustible



Unusual Fire or Explosion Hazards: None
Hazardous Combustion Products: Burning can produce carbon monoxide and/or carbon dioxide.
Special Fire-Fighting Instructions: None
Fire-Fighting Equipment: Conventional equipment may be used as necessary.

Section 6 – Accidental Release Measures

Spill/Leak Procedures: Use conventional cleanup methods.
Disposal: Waste material should be disposed of using conventional methods, in compliance with all federal, provincial and local government regulations.

Section 7 – Handling and Storage

Handling Precautions: Wear eye protection suitable to the hazard. Wash exposed skin thoroughly after handling. Good personal hygiene practices are suggested, such as abstaining from eating, drinking and smoking in the workplace.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls: Not normally required.
Ventilation: Not normally required.
Respiratory Protection: Not normally required. Over time, microbial growth on exposed surfaces may cause the oxygen content in confined spaces to be reduced. Do not enter confined spaces containing this product without first verifying that the oxygen content is safe.
Protective Clothing/Equipment: Not normally required. Use suitable impervious rubber or neoprene gloves. Wear appropriate eye protection (chemical safety goggles and/or face shield) to prevent eye contact per OSHA eye- and face-protection regulations (29 CFR 1910.133).
Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area as required.
Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.
Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, or smoking.

Section 9 – Physical and Chemical Properties

Physical State: Solid	Water Solubility: Not applicable
Appearance and Odor: Yellowish brown with cooked corn odor.	Other Solubilities: Not applicable
Odor Threshold:	Boiling Point: Not applicable
Vapor Pressure (mm Hg.) at 20°C: Not applicable	Freezing/Melting Point: Not applicable
Vapor Density (Air = 1) at 78°C: Not applicable	Viscosity: Not applicable
Density: Not applicable	Refractive Index: No data.
Specific Gravity (H₂O = 1, at 60 °F): Not applicable	Surface Tension: No data.
pH: 3 to 4	% Volatile:
	Evaporation Rate (Butyl Acetate = 1): 0.9

Section 10 – Stability and Reactivity

Stability: This product is susceptible to degradation by growth of micro organisms on exposed surfaces over time.
Polymerization: Hazardous polymerization will not occur under normal conditions.
Chemical Incompatibilities: Not applicable
Conditions to Avoid: Over time, microbial growth on exposed surfaces may cause the oxygen content in confined spaces to be reduced. Do not enter confined spaces containing this product without first verifying that the oxygen content is safe.
Hazardous Decomposition: Burning can produce carbon monoxide and/or carbon dioxide.

Section 11 – Toxicological Information

Eye Effects: May cause irritation.	Skin Effects: Not applicable
Acute Inhalation Effects: Not applicable	Acute Oral Effects: Not applicable
Carcinogenicity: Not applicable	Mutagenicity: Not applicable
Teratogenicity: Not applicable	
Chronic Effects: Not applicable	

Section 12 – Ecological Information

Ecotoxicity: No data.
Environmental Fate:
Environmental Transport: No data.
Environmental Degradation: No data.
Soil Absorption/Mobility: No data.

Section 13 – Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.
Disposal Regulatory Requirements: None. Follow Federal, state, and local regulations for disposal of solid waste.
Container Cleaning and Disposal: Follow Federal, state, and local regulations for disposal of the waste material.

Section 14 – Transport Information

Shipping Name: Not applicable	Packaging Authorizations: a) Exceptions: b) Non-bulk Packaging: c) Bulk Packaging:	Quantity Limitations: a) Passenger, Aircraft, or Railcar: b) Cargo Aircraft Only:
Shipping Symbols: Not applicable		
Hazard Class: Not applicable		Vessel Stowage Requirements: a) Vessel Stowage: b) Other:
ID No.: Not applicable		
Packing Group: Not applicable		
Label: Not applicable		
Special Provisions (172.102):		

Section 15 – Regulatory Information

EPA Regulations:

RCRA

RCRA Hazardous Waste Numbers: Not listed

Federal Regulatory Information

CERCLA: Not listed

CERCLA Reportable Quantity (RQ): None

TSCA

Not listed on the TSCA inventory.

SARA

SARA 313 Components: Not listed

SARA Toxic Chemical: Not listed.

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed.

Clean Air Act

Not listed

OSHA Regulations

Not listed

OSHA Specifically Regulated Substance: No

State Regulations: None

Section 16 – Other Information

Revision Notes:

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