

SOUTH DAKOTA SOYBEAN FEED ACCT
SUSAN SELMAN
PO BOX 500
VOLGA SD 57071

REPORT OF ANALYSIS

For: (27857) SOUTH DAKOTA SOYBEAN FEED ACCT
MSDS

Analysis	Level Found	Units	Reporting	Method	Analyst- Date	Verified- Date
	As Received		Limit			
Sample ID: SOYBEAN HULLS	Lab Number: 2388891	Date Sampled: 2015-04-10				
Visual appearance	see comments		0	Visual	jlc8-2015/04/17	jlc8-2015/04/17
Reactivity with base	negative		0	SW-846, CH. 7.3 *	jlc8-2015/04/17	jlc8-2015/04/17
Reactivity with acid	negative		0	SW-846, CH. 7.3 *	jlc8-2015/04/17	jlc8-2015/04/17
Reactivity with water	negative		0	SW-846, CH. 7.3 *	jlc8-2015/04/17	jlc8-2015/04/17
Ignitability (open cup)	>400	°F	39	ASTM D 92 *	jlc8-2015/04/17	jlc8-2015/04/17
Safety Data Sheet (SDS) preparation	completed	n/a	n/a	Administrative *	jjk7-2015/04/27	jjk7-2015/04/27
pH	6.4	S.U.	1.00	EPA 9045 *	kmc8-2015/04/15	cmw2-2015/04/17
Bulk density	0.422	g/cm ³	0.001	USP <616> method I	jlc8-2015/04/21	jlc8-2015/04/21

This report was reissued on 2015-04-27 11:31:49 by adj2 for the following reason:
msds.

All results are reported on an AS RECEIVED basis.

For questions please contact:



Sue Ann Seitz
Account Manager
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The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

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REPORT NUMBER

15-117-4047 v2

REPORT DATE
Apr 27, 2015

SEND TO
27857

RECEIVED DATE
Apr 13, 2015



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SUSAN SELMAN

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PO BOX 500

MSDS

VOLGA SD 57071

Detailed Method Description(s)

Reactivity

Aliquots of samples have acid, base, and water added to them. Reaction is monitored to see if any reaction occurs.

Open Cup Ignitability

Sample is placed in a Cleveland Open Cup testing cup and heated at a prescribed rate and flame is applied at temperature intervals and point at which vapors ignite is the flash point.

Administrative, sampling, fees

General procedure for special administrative activities such as report issuance, sample splitting or compositing.

EPA 9045

Sample analysis follows MWL EN PROC 002 which is based on EPA 9045. A sample of soil is mixed with DI water and allowed to equilibrate. A calibrated pH meter and probe is used to measure the pH of the sample.

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SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier SOYBEAN HULLS		[WHMIS Classification]	
Product Use FEED INGREDIENT			
Manufacturer's Name SOUTH DAKOTA SOYBEAN		Supplier's Name SOUTH DAKOTA SOYBEAN	
Street Address PO BOX 500		Street Address PO BOX 500	
City VOLGA	State SD	City VOLGA	State SD
Postal Code 57071	Manufacturer's Telephone 605-627-6461	Postal Code 57071	Emergency Telephone 1-800-262-8200 (Chem Trec)
Date SDS Prepared 4/24/15	SDS Prepared By Midwest Laboratories, Inc.		Phone Number 402-334-7770

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
None known	NA	NA	NA	NA

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
Emergency Overview Material can cause dry skin with prolonged used.					
WHMIS Symbols					
<p>Flammability</p> <p>Health</p> <p>Instability</p>					
Potential Health Effects None known.					

SECTION 4 — FIRST AID MEASURES

Skin Contact Flush with water. Contact physician if irritation persists.
Eye Contact Flush with water. Contact physician if irritation persists.
Inhalation Inhalation may cause allergic reaction in persons with soy allergy.
Ingestion Give plenty of water. Do not induce vomiting. Contact physician if irritation persists. Ingestion may cause allergic reaction in person with soy allergy.

SECTION 5 — FIRE FIGHTING MEASURES

Flammable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If yes, under which conditions? Dust may be ignited. Product will smolder and hold an ember.	
Means of Extinction Foam or CO ₂				
Flashpoint (° C) and Method > 200°C by ASTM D92		Upper Flammable Limit (% by volume) N/A - Solid		Lower Flammable Limit (% by volume) N/A - Solid
Autoignition Temperature (°C) Not tested		Explosion Data — Sensitivity to Impact Not explosive		Explosion Data — Sensitivity to Static Discharge Not explosive
Hazardous Combustion Products CO ₂ and CO				
[NFPA] Not listed.				

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Material can be swept up and placed in appropriate receptacle. Avoid dust formation in closed environments.
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SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment Avoid formation of dust. Dust in closed environments could result in dust explosion if an ignition source is present.
Storage Requirements Store in a cool, dry place.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	<input type="checkbox"/> ACGIH TLV Not listed	<input type="checkbox"/> OSHA PEL	<input type="checkbox"/> Other (specify) NIOSH
Specific Engineering Controls (such as ventilation, enclosed process) No special engineering controls required. Maintain and control dust levels in closed environments.			
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other			
If checked, please specify type Wear gloves if handling in large quantities or if person is hypersensitive to material. Always wear protective eyewear. If dust is present, a general particle mask is recommended.			

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid	Odor and Appearance Fine ground solids with a light brown color and a mild earthy odor.	Odor Threshold (ppm) Not tested
Specific Gravity 0.422 g/cm ³	Vapor Density (air = 1) Not tested	Vapor Pressure (mmHg) Not tested
Evaporation Rate Not tested	Boiling Point (° C) N/A Solid	Freezing Point (° C) N/A Solid
pH 6.4 S.U.	Coefficient of Water/Oil Distribution Not tested	[Solubility in Water] Non-soluble

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? Strong oxidizers
Reactivity and under what conditions? Non-reactive to acid, base, and water.		
Hazardous Decomposition Products None known.		

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure Sensitive individuals may exhibit skin, eye, or respiratory irritation. Soy based product.	
Effects of chronic exposure No known chronic effects.	
Irritancy of Product Mild irritant	
Skin sensitization Mild sensitizer	Respiratory sensitization Mild sensitizer
Carcinogenicity-IARC Not listed	Carcinogenicity - ACGIH Not listed
Reproductive toxicity Not listed	Teratogenicity Not listed
Embrototoxicity Not listed	Mutagenicity Not listed
Name of synergistic products/effects None known	

SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity] No known aquatic toxicity. Material may increase the organic load of water.
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SECTION 13 — DISPOSAL CONSIDERATIONS

[Water Disposal] Must be disposed of in accordance with federal, state, and local environmental control regulations. Absorbed material may be placed in a licensed municipal landfill or land applied.
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SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information No special shipping requirements.		PIN
TDG Not listed	[DOT] Not listed	
[IMO] Not listed	[ICAO] Not listed	

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification] Not listed	[OSHA] Not listed
[SERA] Not listed	[TSCA] Not listed
<i>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.</i>	

SECTION 16 — OTHER INFORMATION

This information hereby is furnished without warranty of any kind. Individual handling the product should only use this information as supplemental information to others gathered. The information used by the parties handling and using the product need to be aware of proper use and disposal of the material. Some of the material included in this SDS was obtained from reference material about the product and not based on specific tests or analyses carried out by the laboratory.