	Section Title	<b>SAFETY DATA SHEET (SDS)</b>	South Dakota Soybean Processors 100 Caspian Ave Volga, SD 57071
	Appendix		
	Section #	OSHA HazCom and GHS Standard	Revision: 06/05/2024
	12.4	HACCP Manual	Review: 06/05/2024

## SOY DEODORIZED DISTILLATE – 16 Section SDS

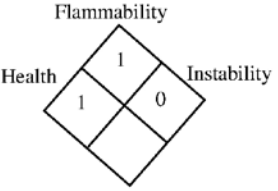
### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier <b>SOYBEAN DEODORIZED DISTILLATE</b>		[WHMIS Classification]	
Product Use			
Manufacturer's Name <b>SOUTH DAKOTA SOYBEAN</b>		Supplier's Name <b>SOUTH DAKOTA SOYBEAN</b>	
Street Address <b>PO BOX 500</b>		Street Address <b>PO BOX 500</b>	
City <b>VOLGA</b>	State <b>SD</b>	City <b>VOLGA</b>	State <b>SD</b>
Postal Code <b>57071</b>	Manufacturer's Telephone <b>605-627-6461</b>	Postal Code <b>57071</b>	Emergency Telephone <b>1-800-262-8200 (Chem Trec)</b>
Date SDS Prepared <b>6/4/15</b>	SDS Prepared By <b>Midwest Laboratories, Inc.</b>	Phone Number <b>402-334-7770</b>	

### SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients ( <i>specific</i> )	%	CAS Number	LD <sub>50</sub> of Ingredient ( <i>specify species and route</i> )	LC <sub>50</sub> 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 type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
Emergency Overview <b>Material can cause dry skin with prolonged used.</b>					
WHMIS Symbols					
					
Potential Health Effects <b>Prolonged skin exposure can result in dry skin irritation.</b>					

### 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 N/A
Ingestion Give plenty of water. Do not induce vomiting. Contact physician if irritation persists.

**SECTION 5 — FIRE FIGHTING MEASURES**

Flammable	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes, under which conditions?
Means of Extinction Foam, water mist, chemical suppression. Material will float on water.			
Flashpoint (°C) and Method > 200°C by ASTM D93	Upper Flammable Limit (% by volume) Vapors are not produced.		Lower Flammable Limit (% by volume) Vapors are not produced.
Autoignition Temperature (°C) Not tested	Explosion Data — Sensitivity to Impact Not explosive	Explosion Data — Sensitivity to Static Discharge Not explosive	
Hazardous Combustion Products Carbon dioxide or carbon monoxide.			
[NFPA] Not listed.			

**SECTION 6 — ACCIDENTAL RELEASE MEASURES**

Leak and Spill Procedures Absorb with general absorbent such as kitty litter. Prevent entry of material into waters of the state or sanitary sewers.
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**SECTION 7 — HANDLING AND STORAGE**

Handling Procedures and Equipment No special handling required.
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.			
Personal Protective Equipment			
<input checked="" type="checkbox"/> Gloves	<input 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.			

**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

Physical State Liquid	Odor and Appearance Thick brown liquid with an earthy odor	Odor Threshold (ppm) Not tested
Specific Gravity 0.926 g/mL	Vapor Density (air = 1) Not tested	Vapor Pressure (mmHg) Not tested
Evaporation Rate Not tested	Boiling Point (°C) > 200°C	Freezing Point (°C) Not tested
pH 3.8 S.U.	Coefficient of Water/Oil Distribution Not tested	[Solubility in Water] Immiscible in water

**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. Prolonged skin exposure can cause dryness.	
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	
[IMCO] 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 MSDS was obtained from reference material about the product and not based on specific tests or analyses carried out by the laboratory. This would include information about UEL and LEC, evaporation rate, etc.

REPORT NUMBER

**15-154-4017 v2**

REPORT DATE

Jun 04, 2015

RECEIVED DATE

May 08, 2015

SEND TO

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www.midwestlabs.com

ISSUE DATE  
Jun 04, 2015

Analysis	Level Found		Reporting		Analyst- Date	Verified- Date
	At Received	Units	Limit	Method		
Sample ID: SOYBEAN DEODORIZED DISTILLATE    Lab Number: 2398574    Date Sampled: 2015-05-07						
Visual appearance	see SDS		0	Visual	jk8-2015/05/19	jk8-2015/05/19
Reactivity with base	negative		0	SW-846, CH. 7.3 *	jk8-2015/05/19	jk8-2015/05/19
Reactivity with acid	negative		0	SW-846, CH. 7.3 *	jk8-2015/05/19	jk8-2015/05/19
Reactivity with water	negative		0	SW-846, CH. 7.3 *	jk8-2015/05/19	jk8-2015/05/19
Safety Data Sheet (SDS) preparation	completed	n/a	n/a	Administrative *	jk7-2015/05/03	jk7-2015/05/03
Bulk density	0.926	g/cm <sup>3</sup>	0.001	USP <616> method I	jk8-2015/05/21	jk8-2015/05/21
Flashpoint	>200	°C	4	ASTM D 93-13e1 *	jk8-2015/05/19	jk8-2015/05/19
pH	3.8	S.U.	0.1	EPA 9045 *	mm 8-2015/05/11	cm w2-2015/05/12

pH value is outside calibration range for the method and should be considered estimated.  
This report was reissued on 2015-06-04 10:38:45 by adj2 for the following reason:  
msds.  
All results are reported on an AS RECEIVED basis.

For questions please contact:

*Heather Ramig*  
Heather Ramig  
Account Manager  
heather.ramig@midwestlabs.com (402)829-9891

**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.

**Administrative, sampling, fees**

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

**Closed Cup Ignitability/Flashpoint**

Sample is heated in a closed cup at a prescribed rate and at certain temperature intervals a flame is applied. The temperature at which vapors ignite is the flash point.

**EPA 9045**

Sample analysis follows MWL EN 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.