

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier <b>BIOFLEX</b>		[WHMIS Classification]	
Product Use <b>BIOLOGICAL INOCULANT</b>			
Manufacturer's Name <b>BIOVANT LLC</b>		Supplier's Name <b>BIOVANT LLC</b>	
Street Address <b>601 S WALNUT STE B</b>		Street Address <b>601 S WALNUT STE B</b>	
City <b>BERNIE</b>		State <b>MO</b>	
City <b>BERNIE</b>		State <b>MO</b>	
Postal Code <b>63822</b>	Manufacturer's Telephone <b>573-625-8500</b>	Postal Code <b>63822</b>	Emergency Telephone <b>1-800-262-8200 (Chem Trec)</b>
Date SDS Prepared <b>3/9/15</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	N/A	N/A	N/A	N/A

## SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
Emergency Overview Material, when handled properly, should not require emergency precautions.					
WHMIS Symbols					
<p>Flammability</p> <p>Health</p> <p>Instability</p>					
Potential Health Effects Skin and/or eye irritations if individual is hypersensitive to carrier or active ingredient.					

## 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 Remove to fresh air.
Ingestion N/A

**SECTION 5 — FIRE FIGHTING MEASURES**

Flammable	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes, under which conditions?
Means of Extinction Material is not flammable.			
Flashpoint (° C) and Method > 100°C by ASTM D93	Upper Flammable Limit (% by volume) Not flammable	Lower Flammable Limit (% by volume) Not flammable	
Autoignition Temperature (°C) Not flammable	Explosion Data — Sensitivity to Impact Not explosive	Explosion Data — Sensitivity to Static Discharge Not explosive	
Hazardous Combustion Products No known hazardous combustion products.			
[NFPA] Not listed			

**SECTION 6 — ACCIDENTAL RELEASE MEASURES**

Leak and Spill Procedures Absorb with a general absorbent such as sand, dirt, or kitty litter. Prevent materials from entering lakes, streams, or storm water.
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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 in a leak-proof container.

**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 General purpose gloves if handling in large quantities. Always wear protective eyewear.			

**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

Physical State Liquid	Odor and Appearance Tan liquid with a sour odor	Odor Threshold (ppm) Not tested
Specific Gravity 1.002 g/mL at 25°C	Vapor Density (air = 1) Not tested	Vapor Pressure (mmHg) Not tested
Evaporation Rate Not tested	Boiling Point (° C) 100°C	Freezing Point (° C) ≤ 0°C
pH 6.62 S.U.	Coefficient of Water/Oil Distribution Not tested	[Solubility in Water] Fully 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? <b>Strong oxidizers.</b>
Reactivity and under what conditions? <b>Non-reactive to acid, base, and water.</b>	
Hazardous Decomposition Products <b>No known hazardous decomposition products.</b>	

**SECTION 11 — TOXICOLOGICAL INFORMATION**

Effects of Acute Exposure <b>No specific conditions. If allergic, could exhibit symptoms of watery eyes and skin irritation.</b>	
Effects of chronic exposure <b>No known chronic effects.</b>	
Irritancy of Product <b>Mild irritant</b>	
Skin sensitization <b>Mild sensitizer</b>	Respiratory sensitization <b>Mild sensitizer</b>
Carcinogenicity-IARC <b>Not listed</b>	Carcinogenicity - ACGIH <b>Not listed</b>
Reproductive toxicity <b>Not listed</b>	Teratogenicity <b>Not listed</b>
Embrototoxicity <b>Not listed</b>	Mutagenicity <b>Not listed</b>
Name of synergistic products/effects <b>None known</b>	

**SECTION 12 — ECOLOGICAL INFORMATION**

[Aquatic Toxicity] <b>Material may increase organic load in streams or lakes.</b>
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**SECTION 13 — DISPOSAL CONSIDERATIONS**

[Water Disposal] <b>May be absorbed with a general absorbent such as sand, dirt, or kitty litter. Prevent materials from entering lakes, streams, or storm water. Follow all federal, state, and local regulations.</b>
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**SECTION 14 — TRANSPORT INFORMATION**

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

**SECTION 15 — REGULATORY INFORMATION**

[WHMIS Classification] <b>Not listed</b>	[OSHA] <b>Not listed</b>
[SERA] <b>Not listed</b>	[TSCA] <b>Not listed</b>

*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.*

**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.