

## MATERIAL SAFETY DATA SHEET

**IDENTITY (As Used on Label):**  
 "America's Best Liquid  
 Soybean Inoculant"  
**ABI 10L    ABI 3.1L    ABI Pea/Lentil**  
**ABI Mega Pack**

**DESCRIPTION:**  
 LIQUID INOCULANT PLUS  
 LIQUID ADDITIVE  
 RHIZOBIA BACTERIA

**Emergency Tel. No:**  
 877-617-2461

SECTION I  
**Manufacturer's Name:**  
 BIO-NEXT Inc.

**Tel. No. For Information:**  
 316-260-1540

**Address:**  
 625 E. 13<sup>th</sup> St.  
 Wichita, KS 67214 U.S.A.

**Date Prepared:**    **May 31, 2007**

**Supersedes:** All Previous MSDS Sheets

### SECTION II -- HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components (Specific Chemical)</u>	<u>Other Limits</u>	<u>%</u>
<u>Identity; Common Names(s)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
	<u>Recommended</u>	<u>(Optional)</u>

Contains no hazardous ingredients.

Contains naturally-occurring, non-pathogenic Rhizobium bacteria. See product label for specific crop information, application rates and methods. Not for feed, food, or drug use.

### SECTION III -- PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point**  
 216 F (102 C)

**Density (g/lee)**  
 Not Determined

**Vapor Pressure (mm Hg.)**  
 Not Determined

**Melting Point**  
 Not Determined

**Vapor Density (AIR = 1)**  
 Not Determined

**Evaporation Rate**  
**(Butyl Acetate = 1)**            N/A

**Solubility in Water:** soluble in water.

**Appearance and Odor: Color:** Yellow to Brown **Odor:** Mild

### SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used)**  
 N/A

**Flammable Limits**  
 N/A

**LEL**  
 N/A

**UEL**  
 N/A

Material packaging will burn if involved in a fire. America's Best Inoculant product mixture contains 99.7% Water, and therefore will not burn.

#### **Extinguishing Media**

Water, Carbon-dioxide, dry chemical or foam.

#### **Special Fire Fighting Procedures**

In the event of a fire, wear full protective clothing and NIOSH approved Self-Contained Breathing Apparatus.

#### **Unusual Fire and Explosion**

**Hazards** None

### SECTION V -- REACTIVITY DATA

	<b>Stable</b>	<b>Unstable</b>
<b>Stability</b>	<b>Y</b>	
<b>Conditions to Avoid</b>	None	
<b>Incompatibility (Materials to Avoid):</b>	None	
<b>Hazardous Decomposition or Byproducts:</b>	None Known	
<b>Hazardous Polymerization: Will Occur</b>	<b>Will Not Occur</b>	<b>X</b>
<b>Conditions to Avoid: None</b>		

### SECTION VI -- HEALTH HAZARD INFORMATION

**Route(s) of Entry:**      **Inhalation?** Yes      **Skin?** Yes      **Ingestion?** Yes

#### **Health Hazards (Acute and Chronic)**

Exposure to high concentrations of fumes may result in upper respiratory tract (nose and throat) irritation. An allergic reaction may occur in some persons due to inhalation of or contact with these products.

<b>Carcinogenicity:</b>	<b>NTP?</b>	<b>IARC Monographs?</b>	<b>OSHA Regulated?</b>
None	None	None	No

#### **Signs and Symptoms of**

**Exposure** Refer to health hazards listed above.

#### **Medical Conditions**

**Generally Aggravated by Exposure**

None known under proper usage conditions.

#### **Emergency and First Aid Procedures**

Eyes/Skin: Flush with water. Inhalation: If breathing difficulty occurs, remove to fresh air and call physician.

**SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to Be Taken in Case Material Is Released or Spilled** May be cleaned up with water flush on affected area.

**Waste Disposal Method**

Dispose of in accordance with local, state and federal regulations.

**Precautions to Be Taken in Handling and Storing**

Product should be stored on pallets without contact to walls, ceiling or floor. Storage areas should be well ventilated and free of strong and objectionable odors. Store in original container in a cool, dry place. Avoid repeated freeze/thaw cycles. Use before expiration date printed on package.

**Other Precautions**

Avoid open flames and spark sources.

**SECTION VIII -- CONTROL MEASURES**

**Respiratory Protection** (Specify Type): If fume levels exceed 15 mg/m<sup>3</sup>, a NIOSH approved dust mask is recommended.

**Ventilation**

Adequate to handle liquid fumes indigenous to operations.

**Local Exhaust**

N/A

**Special**

N/A

**Mechanical (General)**

Not normally required

**Other**

N/A

**Protective Gloves**

Not normally required

**Eye Protection**

Recommended. Wearing contact lenses is not recommended.

**Other Protective Clothing or Equipment** None normally required

**Work/Hygienic Practices**

Use standard hygiene practices.

**HMIS Rating:** Health 1 Flammability 1 Physical Hazard 0

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