



# Material Safety Data Sheet

Form: Powder

Dated: February, 2011

## SECTION I: Chemical and Company Information

Product Name: **Bioiredex™ / Bio-Clean® / Friendly Bacteria**

Supplier / Further Information: Bioredex International, Inc.  
136 Battle Avenue  
Warrenton, NC 27589 USA  
(telephone) (01) 757-394-3004  
(fax) (01) 757-282-6240  
(email) info@bioiredex.com

Manufacturer:  
Kinzie & Payne Biocorp  
2507 Samford Avenue  
Shreveport, LA 71103 USA

## SECTION II: Hazardous Ingredients / Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits	%
<b>NONE</b>				

## SECTION III: Physical / Chemical Characteristics

Boiling Point	<b>N/A</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>N/A</b>
Vapor Pressure (mm Hg.)	<b>N/A</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1)	<b>N/A</b>	Evaporation Rate	<b>N/A</b>
Solubility in Water	<b>Mostly - All except bacteria media and food base</b>		
Active Ingredients	<b>Bacteria Culture, Amylase, Protease, Cellulase, and Lipase Enzymes. Media and food base is a bran powder derived from natural sources</b>		
Appearance and Odor	<b>Light tan with mild characteristic odor</b>		
Ecological / Environmental	<b>Product is readily biodegradable</b>		

## SECTION IV: Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Extinguishing Media			
<b>No special requirements</b>			
Special Fire Fighting Procedures			
<b>None</b>			
Unusual Fire and Explosion Hazards			
<b>None known</b>			

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## SECTION V: Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	<b>XX</b>	
Incompatibility (Materials to Avoid) <b>None known</b>			
Hazardous Decomposition or By-Products <b>None known</b>			
Hazardous Polymerization	May Occur		
	Will Not Occur	<b>XX</b>	

## SECTION VI: Health Hazard Data

Route(s) of Entry: Inhalation?	Skin? <b>XX</b>	Ingestion? <b>XX</b>	
Health Hazards (Acute and Chronic) <b>With repeated and prolonged direct contact, sensitized individuals could experience skin, eye and / or respiratory irritation.</b>			
Carcinogenicity: NTP? <b>None</b>	IARC Monographs? <b>No</b>	OSHA Regulated? <b>No</b>	
Signs and Symptoms of Exposure <b>Skin, eye or nose irritation</b>			
Medical Conditions Generally Aggravated by Exposure <b>Not known</b>			
Emergency and First Aid Procedures <b>Inhalation:</b> If inhaled remove from contaminated area to fresh air. Report situation. Seek medical attention if allergic response is exhibited. <b>Eye Contact:</b> In case of contact with eyes, flush eyes with low pressure water for at least 15 minutes. If irritation develops, seek medical attention. <b>Skin Contact:</b> In case of contact with skin, wash skin with soap and water. Remove contaminated clothing and wash. <b>Ingestion:</b> If swallowed, rinse mouth and throat thoroughly with tap water. Seek medical attention.			

## SECTION VII: Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled <b>If it does not get damp, repack in poly-bag or other air tight container</b>
Waste Disposal Method <b>Sweep up and put in solid waste and wash remainder into sewer</b>
Precautions to Be Taken in Handling and Storing <b>Product can be de-activated by acids, caustics or oxidizing agents. Store in cool dry area.</b>
Other Precautions <b>None</b>

## SECTION VIII: Control Measures

Respiratory Protection (specify type) <b>A mask for prolonged dusty exposure</b>		
Ventilation	Local Exhaust <b>No special requirements</b>	Special <b>None required</b>
	Mechanical (General) <b>No special requirements</b>	Other <b>None</b>
Protective Gloves <b>Only for prolonged contact</b>	Eye Protection <b>Not required</b>	
Other protective Clothing or Equipment <b>None</b>		
Work / Hygienic Practices <b>Wash with soap and water</b>		