



## SAFETY DATA SHEET

### SECTION 1

### MATERIAL IDENTIFICATION

PRODUCT NAME / DESCRIPTION: MicroBind

DISTRIBUTED / MANUFACTURED BY:

ENVIRO CLEAN PRODUCTS & SERVICES

PO BOX 721090

OKLAHOMA CITY, OK 73172

DATE: 06/01/14

PHONE: (405) 373-4545

EMERGENCY PHONE: (800) 255-3924

Chemical Name: NOT APPLICABLE

D.O.T. Hazard Class: PRODUCT IS NOT DOT REGULATED

D.O.T. Shipping Name: PRODUCT IS NOT DOT REGULATED

Formula: SEE SECTION II

Chemical Family: N.A.

ID No.: NONE

NFPA Profile: Health 1; Flammability 0; Reactivity 0

FUNCTION: Remediation for salt water impacted soil

### SECTION 2

### HAZARD IDENTIFICATION

#### CLASSIFICATION:

Acute Toxicity- Oral	Category: N.D.
Skin Corrosion/Irritation	Category: N.D.
Eye Damage/Irritation	Category: N.D.
Target Organ Specific Toxicity: Single	Category: N.D.
Target Organ Specific Toxicity: Chronic	Category: N.D.

SIGNAL WORD: Not Applicable, Non-Toxic

HAZARD STATEMENTS: Not Applicable, Non-Hazardous

#### Effects of a Single Overexposure by:

1. Ingestion: MAY CAUSE SICKNESS IF INGESTED IN LARGE QUANTITIES.
2. Inhalation: LOW ORDER OF TOXICITY. MAY CAUSE MILD DISCOMFORT.
3. Skin Contact: SLIGHT REDNESS ON HANDS AND FORARMS IF INDIVIDUAL HAS HISTORY OF DERMAL ALLERGIC REACTIONS.
4. Eye Contact: MAY CAUSE MILD TRANSIENT IRRITATION.

Cancer Statement: THIS PRODUCT (OR ANY COMPONENT AT A CONCENTRATION OF 0.1% OR GREATER) IS NOT LISTED BY THE NTP, LARC, OSHA OR EPA AS A CARCINOGEN. IT ALSO CONTAINS NO KNOWN TERATOGENS, REPRODUCTIVE TOXINS OR SENSITIZERS.



## PRECAUTIONARY STATEMENTS:

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood Use  
personal protective equipment as required Avoid breathing  
Dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well ventilated area

Wash all exposed skin thoroughly after handling  
Avoid release to the environment

Store in a cool well ventilated place. DO NOT STORE IN DIRECT SUNLIGHT.

## **SECTION 3**

## **HEALTH HAZARDS**

CHEMICAL NAME	%W/W	CAS NUMBER
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(Proprietary Formula)

INGREDIENTS NOT PRECISELY IDENTIFIED ARE NON-HAZARDOUS & PROPRIETARY. INGREDIENTS OF <1% HAVE BEEN ADDED TO A NON-HAZARDOUS LIQUID ORGANIC SUBSTRATE. ACTIVE COMPONENTS: PROPRIETARY ENZYME MIXTURE, TRADE SECRET INGREDIENT, WATER (CAS#: 7732-18-5)

This product does not contain any hazardous ingredients as defined by CERCLA and California's Prop. 65.

## **SECTION 4**

## **FIRST AID**

### **Potential acute health effects:**

<b>Eyes:</b>	May cause irritation with redness and pain.
<b>Skin:</b>	May cause irritation with redness and pain.
<b>Inhalation:</b>	Inhalation may cause irritation.
<b>Ingestion:</b>	Ingestion may cause severe irritation, corrosion/ulceration, nausea, and vomiting.

**Medical Conditions Aggravated by Exposure:** None Known.

Emergency and First Aid Procedure for:

1. Ingestion: GIVE TWO GLASSES OF WATER. DO NOT INDUCE VOMITING GET PROMPT MEDICAL ATTENTION.
2. Inhalation: IMMEDIATELY REMOVE VICTIM FROM EXPOSURE. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. KEEP AT REST. CALL FOR PROMPT MEDICAL ATTENTION.
3. Skin Contact: WASH WITH LARGE AMOUNTS OF WATER; USE SOAP IF AVAILABLE. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
4. Eye Contact: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

## **SECTION 5**

## **FIRE FIGHTING MEASURES**

<b>Fire Hazard Classification (OSHA/NFPA):</b>	0
<b>Extinguishing Media:</b>	As required for fire being fought.
<b>Special Fire Fighting Procedures:</b>	Use self-contained breathing apparatus.
<b>Hazardous combustion products:</b>	No known.

## **SECTION 6:**

## **ACCIDENTAL RELEASE MEASURES**

### **A. Water Spill:**

PREVENT ADDITIONAL DISCHARGE OF MATERIAL, IF POSSIBLE TO DO SO WITHOUT HAZARD. SINCE N-P-K IS A FERTILIZER, IT MAY PROMOTE EUTROPHICATION IN WATERWAYS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL, AND ENSURE CONFORMITY TO ALL FEDERAL, STATE, AND LOCAL DISPOSAL REGULATIONS.

### **B. Land Spill:**

PREVENT ADDITIONAL DISCHARGE OF MATERIAL, IF POSSIBLE TO DO SO WITHOUT HAZARD. FOR SMALL SPILLS, IMPLEMENT CLEANUP PROCEDURES; FOR LARGE SPILLS, IMPLEMENT CLEANUP PROCEDURES AND, IF IN PUBLIC AREA, ADVISE AUTHORITIES.  
PREVENT LIQUID FROM ENTERING SEWERS, WATERCOURSES, OR LOW AREAS. CONTAIN SPILLED LIQUID WITH SAND OR EARTH.  
RECOVER BY PUMPING OR WITH A SUITABLE ABSORBENT.  
CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO ALL FEDERAL, STATE, AND LOCAL DISPOSAL REGULATIONS.

## **SECTION 7:**

## **HANDLING AND STORAGE**

Store in a cool well ventilated place. DO NOT STORE IN DIRECT SUNLIGHT.

## **SECTION 8:**

## **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: NOT NORMALLY REQUIRED. IF MISTED BY HEAT AGITATION OR SPRAY, USE A MIST RESPIRATOR APPROVED BY NIOSH. DO NOT USE SINGLE-USE TYPE.

Ventilation: VENTILATION SHOULD BE PROVIDED TO CONTROL WORKER EXPOSURES AND PREVENT HEALTH RISK.

Protective Gloves: CHEMICAL RESISTANT GLOVES.

Eye Protection: GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: EYEWASH STATION IN AREA OF USE.

## **SECTION 9:**

## **PHYSICAL AND CHEMICAL PROPERTIES**



Boiling Point: ~212oF  
Percent Volatile (volume): N.A.  
Vapor Pressure (mm Hg): N.A.  
Vapor Density (air=1): N.A.  
Freezing Point: ~0°F

Specific Gravity: ~1.0  
pH (undiluted): 9.5 – 10.5  
Solubility in Water: 99%  
Evaporation Rate (water=1): <1.0  
Viscosity: Similar to Water

Appearance and Odor: DARK BROWN/BLACK LIQUID, MILD EARTHY ODOR.

## **SECTION 10: STABILITY AND REACTIVITY**

Product Stability: STABLE

Conditions to Avoid: STRONG ACIDS OR ALKALI COMPOUNDS MAY INACTIVATE BIO CULTURES.

Incompatibility: STRONG ACIDS OR ALKALI COMPOUNDS

Hazard Combustion or Decomposition Products: N.A.

Hazardous Polymerization: WILL NOT OCCUR.

## **SECTION 11: TOXICOLOGY INFORMATION**

Please call the non-emergency telephone number on page one if this information is required.

## **SECTION 12: ECOLOGICAL INFORMATION**

Available Information is provided in Section 2.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance to all Federal, State and Local Regulations.

## **SECTION 14: TRANSPORTATION INFORMATION**

This product is Non D.O.T. Regulated

## **SECTION 15: REGULATORY INFORMATION**

Please call the non-emergency telephone number on page one if this information is required.

## **SECTION 16: OTHER INFORMATION**

The data contained in this Safety Data Sheet has been prepared based upon an evaluation of the ingredients contained in the product, their concentration in the product and potential interactions. The information is offered in good faith and is believed to be accurate. It is furnished to the customer who is urged to study it carefully to become aware of hazards, if any, in the storage, handling, use and disposal of the product; and to insure their employees are properly informed and advised of all safety precautions required. The information is furnished for compliance with the "Occupational Safety and Health Act" of 1970, the "Hazards Communication Act" of 1983 as well as various other Federal, State and Local regulations. Use or dissemination of all or part of this information for any other purpose is illegal.