



## MATERIAL SAFETY DATA SHEET

MSDS Number: WRP

Revision Date: Sept. 12, 2011

---

### 1. Product Identification

**Manufacturer:**

LGM, LLC  
600 Kenrick Drive, Suite C34  
Houston, Texas 77060

**Emergency Numbers**  
(281) 677-2062

CHEMTREC: (800) 424-9300

**Products:**

**WRP – Water Remediation Product**

Microbiological environmental remediation product

**Synonyms:** none – proprietary mixtures

---

### 2. Composition/Information on Chemical Ingredients

A mixture of active hydrocarbons oxidizing natural single celled organisms and natural nutrients. The nutrients and cells are contained in an inert preparation of food grade carriers. The mixture has no chemical impact.

---

### 3. Hazards Identification

**Emergency Overview**

**Hazard Ratings**

Health Rating: 1 - Slight  
Flammability Rating: 0 - None  
Reactivity Rating: 0 – None  
Contact Rating: 1 - Slight  
Protective Equip: C- Gloves, Dust Mask

---



## Potential Health Effects

---

### **Inhalation:**

Inhalation of dust may irritate the respiratory tract. Symptoms may include coughing, shortness of breath. Contains a small amount of crystalline silica. Prolonged and repeated exposure to the dust may cause delayed respiratory disease.

### **Ingestion:**

May cause gastroenteritis and abdominal pains.

### **Skin Contact:**

None

### **Eye Contact:**

May cause irritation, symptoms including redness, and pain.

### **Aggravation of Pre-existing Conditions:**

Workers with a history of kidney or lung disease may be more susceptible to the effects of this substance.

---

## 4. First Aid Measures

### **Inhalation:**

Remove to fresh air. Get medical attention for any breathing difficulty.

### **Eye Contact:**

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

---

## 5. Fire Fighting Measures

**Fire:** Inert material. Non-cumbustable.

**Explosion:** None

**Hazardous Decomposition:** None

**Fire Extinguishing Media:** Use any means suitable for extinguishing surrounding fire. Water spray may be used to keep fire-exposed containers cool.

**Special Information:** This product is slippery when wet.

---

## 6. Accidental Release Measures

Spills: Clean up spills in a manner that does not disperse dust into the air. Material is a powder and may be picked up for recovery or disposal and placed in a closed container.



---

## 7. Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage and moisture. Isolate from any source of heat or ignition.

---

## 8. Exposure Controls/Personal Protection

### **Airborne Exposure Limits:**

None established.

### **Ventilation System:**

This product is designed for use outside. If used indoors, a system of local and/or general exhaust is recommended to keep employee exposures as low as possible.

### **Personal Respirators (NIOSH Approved):**

For conditions of use where exposure to the dust is heavy, a half-face dust/mist respirator or dust filter may be worn.

### **Skin Protection:**

None.

### **Eye Protection:**

Use chemical safety goggles and/or full-face shield where severe dusting is possible. Maintain eye wash fountain and quick-drench facilities in work area.

---

## 9. Physical and Chemical Properties

**Appearance:** Off white powder

**Odor:** Odorless

**Solubility:** Soluble in water

**Specific Gravity:** 1.2

**pH (10% solution):** 6.5 -7.5

**% Volatiles by volume @ 21C (70F):** 0

**Boiling Point:** N/A

**Melting Point:** N/A

**Vapor Density (Air=1):** N/A

**Vapor Pressure (mm Hg):** N/A

**Evaporation Rate (BuAc=1):** N/A



---

## 10. Stability and Reactivity

**Stability:**

Stable under ordinary conditions of use and storage.

**Hazardous Polymerization:**

Will not occur.

**Conditions to Avoid:**

Moisture, heat, friction.

---

## 11. Toxicological Information

Oral rat LD50: None established.

---

## 12. Ecological Information

**Environmental Fate:**

Rapidly degraded by excess heat, active microbial activity from microbes in mixture. Absence of hydrocarbons.

**Environmental Toxicity:**

None.

---

## 13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be sent to an RCRA-approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements.

---

## 14. Transport Information

**Domestic (Land, D.O.T.)**  
-----

**Proper Shipping Name:** Non Regulated Solid, N.O.S.

**Hazard Class:** NA

**International (Water, I.M.O.)**  
-----

**Proper Shipping Name:** Non Regulated Solid, N.O.S.



Hazard Class: NA

## 15. Regulatory Information

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No  
SARA 311/312: Acute: No Chronic: No Fire: No Pressure: No  
Reactivity: No

**Poison Schedule:** No information found.

**WHMIS:**

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

---

## 16. Other Information

**NFPA Ratings:** Health: **1** Flammability: **0** Reactivity: **0** Contact Rating: **1**

**HMIS Ratings:** Health: **1** Flammability: **0** Reactivity: **0** Contact Rating: **1**

Protective Clothing: **D**

---

**Disclaimer:**

\*\*\*\*\*

**LGM provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. LGM MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, LGM WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.**

**Prepared by:** LGM, LLC

Phone Number: (281) 677-2062 (U.S.A.)

Accepted by:

Mike Kramer  
President,  
LGM, LLC