



MATERIAL SAFETY DATA SHEET

MSDS Number: MARINE-RP

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:

MARINE-RP

Microbiological environmental remediation products

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 natural clay. 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: 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-combustible.

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:	Grayish-white powder
Odor:	Odorless
Solubility:	Not soluble in water, may be wet by water
Specific Gravity:	1.7
pH (10% solution):	Not soluble
% 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**

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