



## Safety Data Sheet

### 1. IDENTIFICATION OF THE MIXTURE AND SUPPLIER

GHS Product Identifier:

Recommended use and restrictions:

Activate PMSLA

Powder preparation containing naturally occurring bacterial cultures used to inoculate soils for enhanced biodiversity.

Supplier Details:

Natural Resources Group Inc.

34284-B Road 196

Woodlake CA 93286

Ph: 559.564.1236

Fax: 559.564.1238

Chemtrec: 800-424-9300

Emergency Phone Number

### 2. HAZARDS IDENTIFICATION

GHS Classification	Not Classified
GHS Label Elements	None
Signal Word:	WARNING
Symbols:	(none)
Hazard Statements:	May form combustible dust in air; may cause irritation if inhaled.
Precautionary Statements	
Prevention:	Observe good industrial hygiene practices.
Response:	Wash hands after handling.

### 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Product contains no hazardous ingredients at reportable concentrations.

### 4. FIRST AID MEASURES

Eye Contact:	If this product enters the eyes, flush eyes with water for 15 minutes. If symptoms occur, consult a physician
Skin Contact:	If the product contacts the skin, rinse skin with soap and water. Consult a physician if symptoms persist.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Ingestion:	If swallowed, seek medical attention if discomfort persists.

### 5. FIRE FIGHTING MEASURES

#### FIRE & EXPLOSION PREVENTIVE MEASURES

Isolate from alkalis, oxidizers, extreme heat, and open flame.



## **Activate PMSLA**

### **EXTINGUISHING MEDIA**

In case of fire, use appropriate extinguishing agent for surrounding fires: carbon dioxide, dry chemical powder, alcohol resistant foam or water spray.

### **SPECIAL FIRE FIGHTING PROCEDURES**

Wear self-contained respirator and fully protective impervious suit.

### **UNUSUAL EXPLOSION AND FIRE PROCEDURES**

None.

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## **6. ACCIDENTAL RELEASE MEASURES**

### **SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:**

Sweep up and place material into a clearly marked container for chemical waste. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dusty surfaces with compressed air). Non-sparking tools should be used. Flush area with water.

### **PERSONAL PROTECTIVE EQUIPMENT**

Wear appropriate personal protective equipment (See section 8).

### **ENVIRONMENTAL PRECAUTIONS:**

Keep spills out of sewers and bodies of water. Dike and contain the spill with inert material. Absorb on sand, vermiculite or diatomite. Transfer material to a container for disposal or recovery. Ventilate area and wash spill site after material pickup is complete.

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## **7. HANDLING AND STORAGE**

### **HANDLING:**

Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure. Open and handle container with care. Keep ignition sources away.

### **STORAGE**

Store in a tightly closed container in a dry, well-ventilated place.

### **STORAGE TEMPERATURE:**

15 – 30°C

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## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **PERSONAL PROTECTIVE EQUIPMENT:**

The user, as part of a formal exposure risk assessment, should decide upon the provision of personal protective equipment and the need to provide engineering control measures. Based upon the available toxicological information the protective measures described below should be regarded as a minimum.

### **RESPIRATORY PROTECTION:**

Use a NIOSH approved respirator when exposure limits are exceeded or if irritation or other symptoms are experienced.

### **EYE PROTECTION:**



### **Activate PMSLA**

Wear goggles or safety glasses when using this product. Make sure that there is an eyewash facility in your vicinity.

### **SKIN PROTECTION:**

Wear impervious gloves and protective clothing.

### **WORK & HYGIENIC PRACTICES:**

Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Launder clothes that have become contaminated.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance (physical state, color, etc.):</b>	Tan powder
<b>Odor:</b>	Bland Fragrance
<b>Odor threshold:</b>	Not Available
<b>pH:</b>	Not Available
<b>Melting point/freezing point:</b>	Not Available
<b>Initial boiling point and boiling range:</b>	Not Available
<b>Flash point:</b>	Not Available
<b>Evaporation rate:</b>	Not Available
<b>Flammability (solid, gas):</b>	Not Available
<b>Upper/lower flammability or explosive limits:</b>	Not Available
<b>Vapor pressure:</b>	Not Available
<b>Vapor density:</b>	Not Available
<b>Relative density:</b>	Not Available
<b>Solubility(ies):</b>	Not Soluble
<b>Partition coefficient: n-octanol/water:</b>	Not Available
<b>Autoignition temperature:</b>	Not Available
<b>Decomposition temperature:</b>	Not Available

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## **10. STABILITY AND REACTIVITY**

### **STABILITY**

Stable under normal temperatures and pressures.

### **CONDITIONS TO AVOID**

Isolate from extreme heat, sparks, high temperatures and open flame.

### **MATERIALS TO AVOID**

Strong oxidizing agents, acids and bases.

### **HAZARDOUS DECOMPOSITION PRODUCTS**

None known

### **HAZARDOUS POLYMERIZATION**

Will not occur.

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## **11. TOXICOLOGICAL INFORMATION**

### **ACUTE HAZARDS**

**Activate PMSLA****EYE & SKIN CONTACT:**

Eye and Skin irritation.

**INHALATION:**

May cause irritation.

**SWALLOWING:**

May be harmful if swallowed.

**SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED****CONDITIONS AGGRAVATED:**

None Known.

**CHRONIC HAZARDS****CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:**

Not available.

**MAMMALIAN TOXICITY INFORMATION**

Not available.

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**12. ECOLOGICAL INFORMATION**

Toxicity:

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

Persistence and degradability:

The product is expected to be biodegradable

Bioaccumulative potential:

The product is not expected to bioaccumulate

Bioconcentration factor (BCF):

Not Available

Mobility in soil:

Not Available

PBT and vPvB assessment:

Not Available

Other adverse effects:

Not Available

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**13. DISPOSAL CONSIDERATIONS**

Contact a licensed professional waste disposal service. Dispose in a manner consistent with federal, state and local environmental regulations.

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**14. TRANSPORT INFORMATION**

DOT: Not Regulated

IATA: Not Regulated

IMDG: Not Regulated

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**15. REGULATORY INFORMATION**



## **Activate PMSLA**

### **United States:**

Toxic Substance Control Act (TSCA): Not listed

Superfund Amendments and Reauthorization Act (SARA 302): Not listed

Superfund Amendments and Reauthorization Act (SARA 311/312): Not listed

Superfund Amendments and Reauthorization Act (SARA 313): Not listed

### **European Union:**

Not listed

### **Canada**

Canadian Domestic Substances List (DSL): Some materials not listed.

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## **16. OTHER INFORMATION**

### **HAZARD RATINGS:**

**HEALTH (NFPA): 1, HEALTH (HMIS): 1, FLAMMABILITY: 0, PHYSICAL HAZARD: 0**

(Personal Protection Rating to be supplied by user based on use conditions.) This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

### **EMPLOYEE TRAINING**

See Section 2 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

**Date Prepared: 2-18-16 CD**

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This document is drafted based on the present state of our knowledge at the time of publication. It is given in good faith and neither implies nor expresses any warranty in regards to product quality or specification. The user must satisfy himself that the product is suitable for a given application.