

## SAFETY DATA SHEET

### SECTION 1 - PRODUCT/COMPANY IDENTIFICATION

|   |  |                     |   |
|---|--|---------------------|---|
| IDENTITY:<br><br><p style="text-align: center;"><b>Emerald City 8-0-0</b></p>                 | HEALTH<br>FLAMMABILITY<br>REACTIVITY                           | 1<br>0<br>0         | 0=INSIGNIFICANT<br>1=SLIGHT    3=HIGH<br>2=MODERATE    4=EXTREME    |
| MANUFACTURER'S NAME:<br>Soil Science Products, LLC<br>P.O. Box 1106<br>Port Orchard, WA 98366 | EMERGENCY:<br>360-876-3734<br><br>INFORMATION:<br>360-876-3734 | DISTRIBUTOR'S NAME: | INFORMATION:<br><br>DATE PREPARED:<br>01/01/2014<br><br>SUPERSEDES: |

### SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

**INGREDIENTS:**  
Humates (Leonardite), Humic shale ore and Hematite. Activity: 8-0-0. 8.0% Nitrogen, 5.0% Sulfur, 10.0% Iron.

### SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

|                                 |                                     |  |                                 |
|---------------------------------|-------------------------------------|--|---------------------------------|
| BOILING POINT:<br>N/A           | SPECIFIC GRAVITY:<br>N/A            | VAPOR DENSITY (Air=1):<br>N/A              | SOLUBILITY IN WATER:<br>Partial |
| VAPOR PRESSURE (MM Hg.):<br>N/A | MELTING POINT:<br>>3,000 degrees F. | EVAPORATION RATE (Butyl Acetate=1):<br>N/A |                                 |

**APPEARANCE AND COLOR:**  
Dark black/brown dry granular. Odor: Earthy mineral odor.

### SECTION 4 - FIRE AND EXPLOSIVE HAZARD DATA

|  |                |                          |  |             |                             |
|--|----------------|--------------------------|--|-------------|-----------------------------|
| FLASH POINT:<br>N/A                        | METHOD:<br>N/A | FLAMMABLE LIMITS:<br>N/A | LEL:<br>N/A                              | UEL:<br>N/A | EXTINGUISHING MEDIA:<br>N/A |
| UNUSUAL FIRE AND EXPLOSION HAZARDS:<br>N/A |                |                          | SPECIAL FIRE FIGHTING PROCEDURES:<br>N/A |             |                             |

### SECTION 5 - REACTIVITY DATA

|                           |                |                             |   |
|---------------------------|----------------|-----------------------------|---|
| STABILITY:                | STABLE         | CONDITIONS TO AVOID:<br>N/A | HAZARDOUS DECOMPOSITION OR BYPRODUCTS:<br>N/A |
| HAZARDOUS POLYMERIZATION: | WILL NOT OCCUR | CONDITIONS TO AVOID:<br>N/A | INCOMPATIBILITY:<br>N/A                       |

### SECTION 6 - HEALTH HAZARD DATA

|   |             |   |                        |
|---|-------------|---|------------------------|
| <b>ROUTE(S) OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE</b> |             | <b>EMERGENCY AND FIRST AID PROCEDURES</b>   |                        |
| INHALATION:   | NO          | N/A   |                        |
| EYES:   | YES         | Immediately flush with water for at least 15 minutes. Call physician if symptoms persist.   |                        |
| SKIN:   | YES         | Wash contaminated areas with plenty of water. Remove contaminated clothing and wash before reuse. If skin irritation continues consult a physician. |                        |
| INGESTION:  | YES         | If swallowed do not induce vomiting. Give one or two glasses of milk or water. Contact a physician immediately.                                     |                        |
| CARCINOGENICITY:<br>N/A                                   | NTP:<br>N/A | IARC:<br>N/A  | OSHA REGULATED:<br>N/A |

**MEDICAL CONDITIONS:** GENERALLY AGGRAVATED BY EXPOSURE

### SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**  
Spills should be picked up and reutilized if uncontaminated. Collect and dispose of any contaminants in accordance with all Local, State and Federal regulations.

**WASTE DISPOSAL METHOD:**  
Spills should be reused if possible and disposed of in a proper facility in accordance with all local and federal guidelines.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**  
Use proper protective equipment when applying. Handle materials with care.

**OTHER PRECAUTIONS:**  
N/A

### SECTION 8 - CONTROL MEASURES

|  |  |  |                 |  |
|--|--|--|-----------------|--|
| <b>RESPIRATORY PROTECTION:</b><br>Use NIOSG/MSHA approved equipment if used in closed areas or areas where dust is likely. |  |  |                 |  |
| VENTILATION:<br>Use in open area.  | LOCAL EXHAUST:<br>N/A                      | OTHER:<br>N/A  | SPECIAL:<br>N/A | MECHANICAL (GENERAL):<br>Usually adequate. |
| PROTECTIVE GLOVES:<br>Yes  | EYE PROTECTION:<br>Use protective eyewear. | OTHER PROTECTIVE CLOTHING OR EQUIPMENT:<br>Long sleeves, long pants and closed toed shoes. |                 |  |

**WORK/HYGENIC PRACTICES:**  
Wash hands and clothing after handling product.

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