Soil & Plant Solutions LLC
23 East 675 South• Ivins, Utah 84738

SAFETY DATA SHEET
PRODUCT: PHOENIX GREEN

1. IDENTITY/DESCRIPTION
Identity: PHOENIX
Manufacturer: Soil & Plant Solutions LLC
23 East 675 South
Ivins, UT 84738
Internet: www.soilplantsolutions.com
Emergency Phone Number: Tel: (608) 628-2654
Date: 03/10/17 Supersedes: 11/27/15
Material Description: Calcium Carbonate Suspension

2. HAZARDS IDENTIFICATION
Appearance: Non-combustible, odorless, white suspension.
Primary routes of entry: Skin contact, eye contact, ingestion and inhalation. (see section 4 below for first aid measures.) Care should be taken in handling this material to appropriate protective clothing and eye protection.
Hazard Classification: None

3. COMPOSITION/ INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS Number</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>56%</td>
</tr>
<tr>
<td>Crystalline Silica, Quartz (impurity)</td>
<td>14808-60-7</td>
<td>0.06-1.25%</td>
</tr>
<tr>
<td>Other</td>
<td>-----------</td>
<td>Balance</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES
Eye Contact: In case of contact, immediately flush eyes with water for a minimum of 15 minutes. If irritation persists, seek medical attention.
Skin Contact: Exposure may cause skin irritation. Flush skin with water. If irritation persists, seek medical attention.
Carcinogenicity: This product is not listed as a carcinogen by the IARC, NTP, or OSHA.
Ingestion: No adverse effect is expected. If ingested, seek medical advice.
Inhalation: Upon drying, calcium carbonate can form a dust hazard. If exposure causes irritation, remove individual to fresh air. Aid in breathing, if necessary seek medical attention.

5. FIRE FIGHTING MEASURES
Extinguishing media: Material is non-combustible. All extinguishing media can be used. Use suitable media appropriate to the surrounding fire.
Unsafe extinguishing media: None
Special exposure hazards: None

27 November 2015
SAFETY DATA SHEET

PRODUCT: PHOENIX GREEN

Special protective equipment:
Firefighters should wear protective clothing and use equipment that is suitable for the materials involved in the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES
Environmental precautions:
This product does not present any particular risk to the environment. Refer to applicable national, state and local regulations prior to washing into a sanitary drain.
Clean up methods:
Materials can be swept, scooped or vacuumed into an appropriate container for safe disposal.

7. HANDLING AND STORAGE
Handling:
Product has a high specific gravity. Use caution when lifting.
Storage:
Store in water tight containers and avoid freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Engineering controls:
Use mechanical ventilation
Eye protection:
Safety glasses with side shields
Skin and Body protection:
Light weight protective clothing and gloves
Hygiene measures:
Handle in accordance with good industrial hygiene and safety practices.

8.1 Exposure Limits

<table>
<thead>
<tr>
<th>Components</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>5 mg/m³ Respirable Fraction 15 mg/m³ Total Dust</td>
<td>10 mg/m³ Total Dust</td>
</tr>
<tr>
<td>Crystalline Silica, Quartz (impurity)</td>
<td>(10 mg/m³)/(%SiO₂ + 2) Respirable Fraction (30 mg/m³)/(SiO₂ + 2) Total Dust</td>
<td>0.05 mg/m³ Total Dust</td>
</tr>
</tbody>
</table>

Unless otherwise noted, all Personal Exposure Limits (PEL) and Threshold Limit Values (TLV) are reported as 8 hour time weighted averages.

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance:
White liquid suspension
Density:
1.67 g/mL
pH (5% w/w suspension):
8.4 – 10.2
water solubility (20° C):
1.3 mg/L

10. STABILITY AND REACTIVITY
Stability:
Stable, however, if separation occurs, suspension can be mixed
Conditions to avoid:
Do Not Freeze
Materials to avoid:
Do Not Mix with materials that will lower the pH of suspension (acids)
Hazardous decomposition products:
None

11. TOXICOLOGICAL INFORMATION
Eye irritation:
Calcium Carbonate may cause temporary eye irritation
Skin irritation:
Calcium Carbonate is a moderate skin irritant and may dry skin and mucous membranes.
Sensitization:
Does Not cause sensitization
Ingestion:
Calcium Carbonate oral LD(50) is 6450 mg/kg
SAFETY DATA SHEET

Inhalation: Inhalation of excessive quantities of dust for prolonged and continuous periods of time, may aggravate existing asthmatic or respiratory conditions. (Consult: Dangerous Properties of Industrial Materials)

12. ECOLOGICAL INFORMATION
Mobility: Inert material
Persistence/Degradability: Non-degradable
Bio-accumulative potential: None

13. DISPOSAL CONSIDERATIONS
Disposal: Dispose in accordance with local, state and national regulations. Under the Resource Conservation and Recovery Act (RCRA, 40 CFR 261) ground limestone is a non-hazardous waste.

14. TRANSPORTATION INFORMATION
DOT: Not Regulated

15. OTHER INFORMATION
The information contained in this Safety Sheet is to the best of Soil & Plant Solution’s (SPS’s) knowledge, as of the date indicated, believed to be accurate and reliable. However, no representation, warranty or guarantee is implied or expressed regarding the accuracy, reliability or completeness of this information of the use of the product. Nothing contained herein should be construed as a recommendation to use the product in conflict with national or local regulations or existing patents covering any material or its use.

27 November 2015