Calcium GAC
SAFETY DATA SHEET

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1. Chemical Composition

<table>
<thead>
<tr>
<th>Item</th>
<th>Name</th>
<th>CAS #</th>
<th>Weight (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Name: Bone Char, Bone Charcoal:</td>
<td>8021-99-6</td>
<td>100</td>
</tr>
<tr>
<td>01</td>
<td>Carbon &amp; Hydroxyapatite (a basic Calcium Phosphate)</td>
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<tr>
<td>02</td>
<td>Carbonaceous - Adsorbent</td>
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</tbody>
</table>

2. Hazardous Ingredients

None.

3. Physical Data

- Boiling Point: N/A
- Vapor Pressure: N/A
- Vapor Density: N/A
- Solubility in Water: N/A
- Melting Point: N/A
- Evaporation Rate: N/A
- Bulk Density: 35 – 45 Lbs./Ft³
- Appearance: Black Granular
- pH at 20°C: 8.5 – 12 (Aqueous Solutions)

4. First Aid Measures

- Skin Contact: Wash immediately and thoroughly with plenty of water and soap.
- Eye Contact: Rinse immediately and thoroughly with plenty of water for at least 15 minutes.
- Ingestion: If large amounts are ingested, seek medical advice.
- Inhalation: In large amounts, dust may aggravate acute or chronic asthma and other pulmonary diseases. Remove to fresh air.
### 5. Fire Fighting Measures

- **Flash Point:** Non-flammable in bulk. In common with many substances, suspended dust particles could create an explosion or fire risk.
- **Extinguishing Media:** CO₂, dry powder, foam or water spray.
- **Protective Equipment:** Wear protective clothing and self-contained breathing apparatus.
- **Special Fire Fighting Procedures:** Cut off oxygen supply. Will smolder like charcoal if ignited or raised to a red heat. Carbon Monoxide may be formed where air circulation is restricted.

### 6. Reactivity Data

- **Stability:** Stable.
- **Conditions to Avoid:** None known.
- **Incompatibility (Materials to avoid):** Contact with strong mineral acids.
- **Hazardous Decomposition or By-products:** Carbon dioxide, with traces of hydrogen sulfide may be given off in contact with strong mineral acids.

### 7. Precautions for Safe Handling and Use

- **Handling if Material is Released or Spilled:** Can be swept up with brush manually. Wear suitable protective clothing/equipment while doing so.
- **Waste Disposal Method:** To landfill, subject to local authority, state or federal regulations.
- **Precautions to be taken in Handling and Storage:** Minimize dust. Store in dry conditions. Store away from strong acids or strong oxidizing agents.
- **Other Precautions:** Use adequate ventilation, Avoid breathing dust, prolong contact with skin and eyes.

### 8. Control Measures

- **Respiratory Protection:** Wear dust mask.
- **Ventilation:** Local Exhaust and Mechanical Exhaust recommended.
- **Skin Protection:** Protective overalls and suitable gloves should be worn.
- **Eye Protection:** Wear eye/face protection.
- **Work/Hygienic Practices:** Wash with soap and water after use.
9. Regulatory Information

Symbol: None required.

Risk Phrases: None.

Safety Phrases: None.

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