



# Calcium GAC SAFETY DATA SHEET

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## 1. Chemical Composition

Item	Name	CAS #	Weight (%)
Name:	Bone Char, Bone Charcoal:	8021-99-6	100
01	Carbon & Hydroxyapatite (a basic Calcium Phosphate)		
02	Carbonaceous - Adsorbent		

## 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./Ft<sup>3</sup>  
**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

<b>Flash Point:</b>	Non-flammable in bulk. In common with many substances, suspended dust particles could create an explosion or fire risk.
<b>Extinguishing Media:</b>	CO <sub>2</sub> , dry powder, foam or water spray.
<b>Protective Equipment:</b>	Wear protective clothing and self-contained breathing apparatus.
<b>Special Fire Fighting Procedures:</b>	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

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

## 7. Precautions for Safe Handling and Use

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

## 8. Control Measures

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

## 9. Regulatory Information

<b>Symbol:</b>	None required.
<b>Risk Phrases:</b>	None.
<b>Safety Phrases:</b>	None.

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