



Calcium GAC

SAFETY DATA SHEET

Crystal Quest® Manufacturing
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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./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:	CO ₂ , 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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