



Safety Data Sheet

1. IDENTIFICATION

Product Identifier FHA

Other means of identification

Synonyms Hydroxyapatite.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Address Fluid Tech LLC
146 Industrial Park Road
Sweetwater, TN 37874

Telephone (423) 271-6505

Facsimile (800) 994-8561

Website www.fluidtechllc.com

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Emergency Phone (865) 809-9995

Recommended Use FHA is a carbonaceous adsorbent used in water treatment.

Recommended Restrictions None known.

2. HAZARD(S) IDENTIFICATION

Health Effects: 10 mg/m³ TWA, 8-hour. The given value is applicable as a nuisance dust.

Other Hazards: None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Hazardous Components	CAS No.	% By Weight
Carbon	7440-44-0	7-12*
Hydroxyapatite	1306-06-5	88-93*

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation: Inhalation can cause irritation to the respiratory system. Remove affected person to fresh air. If recovery is delayed, seek medical advice.

Skin contact: Wash off with soap and plenty of water, removing all contaminated clothes and shoes.

Eye contact: Irrigate the eye with water for 15 minutes. If there is any persistent irritation obtain medical attention immediately.

Ingestion: Ingestion may irritate the digestive tracts. As no harmful effects are anticipated, vomiting should not be induced.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, foam, fog/water spray, dry powder.

Protective Equipment: Chemical protection suit, gloves and boots, self-contained breathing apparatus.



Specific hazards: Nonflammable in bulk. Will smolder if ignited. Risk of carbon monoxide formation where air circulation is restricted.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective clothing. (See item 8).
Environmental precautions: Dispose of within local or national regulations.
Methods for cleaning up: Sweep or shovel into suitable container for disposal.

7. HANDLING AND STORAGE

Handling precautions: Maintain good working practices while handling. Remove contaminated clothing and wash before reuse.
Storage Conditions: Minimize dust formation. Keep dry. Keep away from strong oxidizing agents and strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: May contain trace quantities of ammonia which can be released during initial washing. Ensure adequate ventilation. In confined

Individual protection measures, such as personal protective equipment

Eye/face protection: Wear tight fitting safety goggles.
Skin protection: Suitable gloves. Lightweight protective clothing.
Respiratory Protection: Wear suitable dust mask.
General hygiene Considerations: Do not breathe dust. When using, do not eat, drink or smoke. Avoid contact with eyes. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state: Granular or powdered solid.
Color: Black.
Odor: Non-specific.
Odor threshold: Not applicable.
pH: 8.5 – 12 @ 25 °C
Melting point/freezing point: Not applicable.
Initial boiling point and boiling range: Not applicable.
Flash point: Not applicable.
Evaporation rate: Not applicable.
Flammability (solid, gas): Not determined.
Auto ignition temperature: Not determined.
Explosive properties: Class B – non-explosive.
Oxidizing properties: Not applicable.
Vapor Pressure: Not applicable.
Bulk Density (kg/m³): 560 - 720



Solubility (water):

Insoluble

10. STABILITY AND REACTIVITY

Stability: Stable at ambient temperatures.
Conditions to avoid: Keep away from heat and sources of ignition.
Incompatible materials: Reactive chemicals, especially oxidizing agents.
Hazardous decomposition products: Thermal decomposition can lead to the release of carbon dioxide, and a little hydrogen sulfide may be given off on reaction with mineral acids.

11. TOXICOLOGICAL INFORMATION

None.

12. ECOLOGICAL INFORMATION

None.

13. DISPOSAL CONSIDERATIONS

All federal, state, and local regulations should be followed.

14. TRANSPORT INFORMATION

Not classified as a dangerous material. Not DOT regulated.

15. REGULATORY INFORMATION

Marking and Labelling Symbol: None.
Risk Phrases: R36 – Irritating to eyes.
R37 – Irritating to respiratory system.
R38 – Irritating to skin.
Safety Phrases: S36, S37/S39

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue date: December 8, 2022
Revision date: Not applicable.
Version #: 01
Further information: None.
Disclaimer: The information given within this SDS is correct to the best of our knowledge, information, and belief at the date of its revision and publication. However, the manufacturer makes no representation, warranty or guarantee as to its accuracy, reliability or completeness, nor assumes any liability for its use. It is the user's responsibility to confirm in advance that the information is current, applicable and suitable to their circumstances for each particular use. No representative of ours has authority to waive this provision. Please call for document accuracy if the revision date has exceeded 3 years.
Revision Info: Not applicable.