Anthracite Filter Media Safety Data Sheet (SDS)

1. Identification

GHS product identifier (Product name): Anthracite filter media
Other means of identification
- Synonyms: Anthracite filter media

Recommended use: Water filtration
Restrictions on use: No information available
Supplier: Henan CarbonFresh Activated Carbon Co., Ltd.
Website: https://www.carbonfreshcn.com/
Email: info@carbonfreshcn.com
Phone: (+86) 155-3801-7198
Address: Enterprise Headquarters Base, Innovation Park, High-Tech Zone, Zhengzhou, Henan, China

2. Hazard(s) Identification

Classification: According to OSHA Hazard Communication Standard (29 CFR 1910.1200), Canada WHMIS 2015 (including amended HPA/HPR), and Mexico NMX-R-019-SC-2011, this product is not classified as hazardous.
Classification result: Not classified
Label elements
- Signal word: None

Other hazards not otherwise classified (HNOC): Not applicable
Precautionary statements: None (not hazardous)

3. Composition/Information on Ingredients

Synonyms: Anthracite filter media
Hazardous components:
- Chemical name: Coal, anthracite
- CAS No.: 8029-10-5
- Concentration: 100%

4. First-Aid Measures

- **Eye contact:** Not an intended route of exposure. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, then continue rinsing.
- **Skin contact:** Not an intended route of exposure. If on skin: Wash with plenty of soap and water.
- **Inhalation:** Not an intended route of exposure.
- **Ingestion:** Not an intended route of exposure. If swallowed: Drink plenty of water.
- **Most important symptoms/effects:** No information available.
- **Notes to physician:** Treat symptomatically.

5. Fire-Fighting Measures

- **Suitable extinguishing media:** Use extinguishing media appropriate to surrounding conditions and environment.
- **Unsuitable extinguishing media:** No information available.
- **Specific hazards:** No information available.

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- **Explosion data:**
  - Sensitivity to mechanical impact: None.
  - Sensitivity to static discharge: None.
- Protective equipment for firefighters: Follow standard fire-fighting procedures. Wear positive-pressure self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

6. Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Ensure adequate ventilation.
- **Environmental precautions:** See Section 12, Ecological Information.
- **Methods and materials for containment and cleaning up:** Prevent further leakage/spillage if safe to do so. Collect and transfer to properly labeled containers.

7. Handling and Storage

- **Precautions for safe handling:** Follow good industrial hygiene and safety practices.
- **Conditions for safe storage, including any incompatibilities:**
  - Storage: Keep container tightly closed in a dry, cool, well-ventilated place.
  - Incompatible materials: Unknown based on available information.

8. Exposure Controls/Personal Protection

- **Occupational exposure limits (where provided):**
  - Coal, anthracite (CAS 8029-10-5)
- ACGIH TLV: TWA 0.4 mg/m³ (inhalable dust, respirable fraction)
- OSHA PEL: —
- NIOSH IDLH: —
- **Engineering controls:** Provide showers, eye wash stations, and adequate ventilation.
- **Personal protective equipment:**
  - Eye/face protection: No special protection required.
  - Skin/body protection: No special protection required.
  - Respiratory protection: Not required under normal use. If exposure exceeds limits or irritation occurs, wear NIOSH/MSHA approved respiratory protection.
- **Hygiene measures:** Follow good industrial hygiene and safety practices.

9. Physical and Chemical Properties

- **Physical state:** Solid (pressed)
- **Appearance:** Black
- **Odor:** None
- **Odor threshold:** No data available
- **pH:** No data available
- **Melting point/range:** No data available
- **Boiling point/range:** No data available
- **Flash point:** > 900 ° C
- **Evaporation rate:** No data available
- **Flammability (solid/gas):** No data available

- **Flammable limits:**
  - Upper: No data available
  - Lower: No data available
- **Vapor pressure:** No data available
- **Vapor density:** No data available
- **Relative density:** No data available
- **Specific gravity:** No data available
- **Solubility in water:** No data available
- **Solubility in other solvents:** No data available
- **Partition coefficient (n-octanol/water):** No data available
- **Auto-ignition temperature:** No data available
- **Decomposition temperature:** No data available
- **Viscosity:** No data available
- **Combustibility:** Non-combustible
- **Explosivity:** No data available
- **Oxidizing properties:** No data available
- **VOC content:** No data available

10. Stability and Reactivity

- **Reactivity:** No data available.
- **Chemical stability:** Stable under recommended storage conditions.
- **Possibility of hazardous reactions:** None under normal processing.
- **Hazardous polymerization:** Will not occur.
- **Conditions to avoid:** Unknown based on available information.
- **Incompatible materials:** Unknown based on available information.
- **Hazardous decomposition products:** Unknown based on available information.

11. Toxicological Information

- **Likely routes of exposure and product information:**
  - Inhalation: No known effects based on information provided.
  - Eye contact: No known effects based on information provided.
  - Skin contact: No known effects based on information provided.
  - Ingestion: No known effects based on information provided.
- **Acute toxicity values (calculated per GHS Chapter 3.1):** Not applicable.
- **Symptoms related to physical, chemical and toxicological characteristics:** No information available.
- **Immediate and delayed effects and chronic effects from short- and long-term exposure:**
  - Respiratory or skin sensitization: Not classified based on available data.
  - Germ cell mutagenicity: Not classified based on available data.
  - Carcinogenicity: Contains no components above reportable levels classified as carcinogens.
  - Reproductive toxicity: Not classified based on available data.
  - Specific target organ toxicity (single exposure): Not classified based on available data.
  - Specific target organ toxicity (repeated exposure): Not classified based on available data.
  - Aspiration hazard: No known components present an aspiration hazard.

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12. Ecological Information

- **Ecotoxicity:** Contains no substances known to be hazardous to the environment or non-degradable in wastewater treatment plants.
- **Persistence and degradability:** No information available.
- **Bioaccumulative potential:** No information available.
- **Mobility in soil:** No information available.
- **Other adverse effects:** No information available.

13. Disposal Considerations

- **Waste treatment methods:** Dispose of in accordance with federal, state, and local regulations.
- **Contaminated packaging:** Dispose of in accordance with local regulations.

14. Transport Information

- **DOT (U.S.):** Not regulated
- **TDG (Canada):** Not regulated
- **MEX (Mexico):** Not regulated

15. Regulatory Information

- **International regulations:**
  - Ozone-depleting substances: Not applicable
  - Persistent organic pollutants (POPs): Not applicable
  - Hazardous waste: Not applicable
  - Rotterdam Convention (Prior Informed Consent): Not applicable
  - MARPOL (International Convention for the Prevention of Pollution from Ships): Not applicable
- **International inventories:**
  - TSCA (U.S. Toxic Substances Control Act Inventory): Contact supplier to confirm inventory status
  - DSL/NDSL (Canada Domestic/Non-Domestic Substances Lists): Contact supplier to confirm inventory status
  - Legend: TSCA—U.S. TSCA Section 8(b) Inventory; DSL/NDSL—Canada Domestic/Non-Domestic Substances Lists
- **U.S. federal regulations:**
  - SARA Title III Section 313: This product contains no chemicals subject to the reporting requirements of this Act and 40 CFR Part 372.
  - SARA 311/312 hazard categories: If this product meets reporting thresholds under EPCRA 311/312, see Section 2 of this SDS for hazard classification. Per 40 CFR 370 revisions, Tier II reporting must align with updated hazard categories.
  - Clean Water Act (CWA): This product contains no regulated pollutants under 40 CFR 122.21 and 122.42.
  - CERCLA: As supplied, this product contains no hazardous substances listed under CERCLA (40 CFR 302) or SARA (40 CFR 355); local/regional/state reporting requirements for releases may differ.
- **U.S. state regulations:**
  - California Proposition 65: This product contains no Prop 65 chemicals.
  - State Right-to-Know: This product contains no substances regulated under state right-to-know laws.
- **U.S. EPA labeling:**
  - Pesticide registration number: Not applicable.

16. Disclaimer

The information herein is believed to be accurate and reliable; however, no express or implied warranties or guarantees are made. Users should conduct their own testing to determine suitability for their intended use. Henan CarbonFresh Co., Ltd. assumes no responsibility for any loss, damage, or injury resulting from the use of this product or reliance on this information.