

AVANTIK SAFETY DATA SHEET

(In accordance with ISO 11014:2009 Standard)

Original Preparation Date: 12/01/08

SDS#: 0002002-03 Rev: D

Revision Date: 09/17/12

1. Chemical Product and Company Identification

Product Name: Carbon Fume Filter, Activated Filter Carbon, Activated Carbon Filter Block, Activated Carbon Cartridge

Synonym(s): N/A

Recommended Uses: N/A

Manufactured For: Avantik
19 Chapin Road - Building C
Pine Brook, NJ 07058
Tel: 800.783.9424

Emergency Telephone Number:
800-424-9300 (Chemtree)

2. Hazards Identification

CAUTION: Wet activated carbon removes oxygen from air causing a severe hazard to workers inside carbon vessels and enclosed or confined spaces. Before entering such an area, sampling and work procedures for low oxygen levels should be taken to ensure ample oxygen availability, observing all local, state, and federal regulations.

EMERGENCY OVERVIEW

DANGER: N/A

Health Effects: N/A

HMIS Rating

Health: 0
Flammability: 0
Reactivity: 0
Protection : N/A

HMIS Rating Scale

Minimal: 0
Slight: 1
Moderate: 2
High: 3
Severe: 4

HMIS Rating Notes:

Protection = N/A

3. Composition/Information on Ingredients

Hazardous Component Specific Chemical Identity	CAS #	% WEIGHT
Carbon - Activated Carbon (Non-Regulated)	7440-44-0 100	100

(ACGIH, OSHA, and Other TLV are not applicable for activated carbon.)

4. First-Aid Measures

Inhalation: Remove to fresh air immediately.

Skin Contact: Wash with soap and water.

Eye Contact: Immediately wash from eyes with large amount of water, occasionally lifting the upper and lower eye lids. Get medical attention.

Ingestion: If large amounts have been ingested give emetics to cause vomiting. Get medical attention.

5. Fire-Fighting Measures

Extinguishing Media: Flood with plenty of water or inert gas, such as N₂ and CO₂.

Fire/Explosion Hazards: None

Fire Fighting Procedures: None

Sensitivity to Static Discharge: N/A

Hazardous Decomposition Products: N/A

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Flash Point and Method: N/A

Flammable Limits: N/A

Auto Ignition Temperature: 600°C

6. Accidental Release Measures

Personal Precautions: N/A

Protective Equipment: N/A

Emergency Procedures: N/A

Environmental Precautions: N/A

Methods and Materials for Containment: N/A

Methods and Materials for Cleaning Up: Spills can create a dust nuisance and housekeeping problems. Vacuuming is best clean up procedure or can be picked up using a broom and shovel. Place in appropriate containers for disposal.

7. Handling and Storage

Handling: Use adequate ventilation. Avoid breathing dust; avoid prolong contact with skin and eyes.

Storage: Keep tightly sealed to protect quality. Storing outdoors is not recommended.

8. Exposure Controls and Personal Protection

Permissible concentration: N/A

Engineering Controls: N/A

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: A NIOSH approved particulate filter. Local exhaust and mechanical exhaust recommended.

Hand Protection: Rubber gloves

Eye Protection: Safety glasses

Skin and Body Protection: Wash with soap and water after use.

Protective Clothing: None

9. Physical and Chemical Properties

Appearance: Black granular or powder

Odor: odorless

pH: N/A

Melting Point: N/A

Freezing Point: N/A

Boiling Point: N/A

Flash Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Density / Relative Density: N/A

Solubility: N/A

n-Octano/Water Partition Coefficient: N/A

Auto-Ignition Temperature: N/A

Decomposition Temperature: N/A

Odor Threshold: N/A

Evaporation Rate: N/A

Flammability: N/A

Viscosity: N/A

Specific Gravity (H₂O=1): 1.8-2.1

10. Stability and Reactivity

Conditions to Avoid: Carbon is chemically inert.

Incompatible Materials: None

Stability: Stable

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Acute Toxicity: N/A

Skin Irritation/Corrosion(Burning): N/A

Eye Damage/Irritation: N/A

Respiratory or Skin Sensitization: N/A

Reproductive Cell Mutagenicity: N/A

Carcinogenicity: N/A

Reproductive Toxicity: N/A

Specific Target Organ Toxicity – single exposure: N/A

Specific Target Organ Toxicity – repeated exposure: N/A

Aspiration (Inhalation) Hazard: N/A

Routes of Entry: Inhalation

Signs and Symptoms of Exposure: Slight irritation of eyes and nose.

Medical Conditions Generally Aggravated by Exposure: N/A

12. Ecological Information

Ecotoxicity: N/A

Persistence and Degradability: N/A

Bioaccumulative Potential: N/A

Mobility in Soil: N/A

13. Disposal Considerations

Disposal Method: Dispose in accordance with local, state, and federal regulations.

14. Transport Information

UN Number: N/A

UN Proper Shipping Name: N/A

UN Classification: N/A

Marine Pollutant (Y/N): N/A

OTHER SHIPPING INFORMATION: N/A

Markings: N/A

Hazardous Substance/RQ: N/A

SPECIAL SHIPPING NOTES: N/A

IMDG: N/A

IATA: N/A

15. Regulatory Information

UNITED STATES

SARA Title III (Superfund Amendments and Reauthorization Act): N/A

SARA Title III Sect. 302 Extremely Hazardous Substances (40 CFR 355): N/A

SARA Title III Sect. 313 Reportable Ingredients (40 CFR 372.65): N/A

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): N/A

STATE REGULATIONS

Proposition 65: N/A

16. Other Information

This Material Safety Data Sheet has been furnished on request. A revised Material Safety Data Sheet will be furnished only if requested, also in case of specification changes. The above information, which is accurate to the best of our knowledge and belief, describes the safety aspects of our product but does not warrant any product properties. The company gives no warranty as to the accuracy or completeness of such information.