



MATERIAL SAFETY DATA SHEET

(In accordance with ISO 11014-1 Standard)

Product Name: Carbon

Revision Date: 2008-12-01

1. Identification of the Substance

Product Name: Carbon Fume Filter, Activated Filter Carbon, Activated Carbon Filter Block, Activated Carbon Cartridge, and Xpress[®] Fume Filter – (product codes #2008, 4663, 4775, 4899, 6160, and 7107)

Manufactured For: Sakura Finetek USA, Inc.
Torrance, CA 90501 USA
Tel: 310-972-7800

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

2. Composition/Data on Components

Name	CAS#	% By Weight
Carbon - Activated Carbon (Non-Regulated)	7440-44-0 100	100

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

3. 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.

4. First Aid Measures

Skin: Wash with soap and water.

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

Inhalation: Remove to fresh air immediately.

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

5. Fire Fighting Measures

Flash Point (Method Used): N/A

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

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Ignition Temperature (°C): 600

6. Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: 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

Precautions to be Taken in Handling and Storing: Keep tightly sealed to protect quality. Storing outdoors is not recommended.

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

8. Exposure Controls/Personal Protection

Respiratory Protection: A NIOSH approved particulate filter.

Ventilation: Local exhaust and mechanical exhaust recommended.

Protective Gloves: Rubber gloves

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Wash with soap and water after use.

9. Physical and Chemical Properties

Appearance and Odor: Black granular or powder odorless

Vapor Density (Air=1): N/A

Boiling Point (deg F): N/A

Melting Point (F): N/A

Solubility in Water: N/A

Evaporation Rate: N/A

Specific Gravity (H₂O=1): 1.8-2.1

Vapor Pressure (mmHg): N/A

10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Carbon is chemically inert.

Incompatibility (Materials to Avoid): None

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Routes of Entry: Inhalation

Carcinogenicity: N/A

Health Hazards: N/A

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

Medical Conditions Generally Aggravated by Exposure: N/A

12. Ecological Information

None listed

13. Advice on Disposal

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

14. Transport Information

None listed

15. Regulatory Information

None listed

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.