

MSDS - Material Safety Data Sheet**Product Name: Activated Carbon Filter**

MSDS No.: ACF100

I. Basic Information:**Manufacturer:** AirClean Systems**Address:** PO Box 17614**City, ST Zip:** Raleigh, NC 27619**Country:****Contact:** Not Available**Information Telephone Number:** Not Available**Emergency Contact:** Not Available**Emergency Telephone Number:** Not Available**Emergency Restrictions:****Product Name:** Activated Carbon Filter**MSDS No.:** ACF100**Issue Date:** 01/09/2012**Supersedes Date:** Not Available**II. Hazards Identification:****EMERGENCY OVERVIEW**

This material is comprised of 100% Activated Carbon. There are no established PEL, TWA, or TLV values for this material. Caution should be taken for a respirable dust. The ACGIH TWA for respirable dust is 2.5 mg/m³.

SPECIAL PRECAUTIONS: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contact with strong oxidizers may result in fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide may be formed in the event of fire.

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects**Route(s) of Entry:**

This material is non-toxic through ingestion. This material is non-toxic through skin absorption. Activated carbon is not a primary skin irritant. No sensitization effects are known. The physical nature of this product may irritate the respiratory system. The physical nature of this product may produce eye irritation.

Health Hazards (Acute and Chronic):

N/A

Signs and Symptoms:

Person exposed may complain of eye irritation. Flush with water for 15 minutes. Be sure to flush under the eyelids. Contact a physician immediately.

Medical Conditions Generally Aggravated by Exposure:

N/A

Other Health Warnings:

None

Potential Environmental Effects

Not harmful to environment

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
Graphite (natural) dust	7440440	100%	

IV. First Aid Measures:**Emergency and First Aid Procedures:**

In case of eye contact, flush with water for at least 15 minutes. Contact a doctor immediately. In case of inhalation, the person should be removed from the area.

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Note to Physicians:

Not Available

V. Fire Fighting Measures:**Suitable Extinguishing Media:**

Use water, foam, CO2 or dry chemical

Unsuitable Extinguishing Media:

None

Products of Combustion:

None

Protection of Firefighters:

Not Available

VI. Accidental Release Measures:**Personal Precautions:**

Safety glasses, gloves

Environmental Precautions:

Prevent from entering sewers or waterways. May be harmful to some aquatic life.

Methods for Containment:

Not Available

Methods for Cleanup:

If material is released or spilled: Unused product should be swept up and discarded or repackaged. Waste Disposal Method: Unused carbon may be disposed of by appropriate means.

Other Information:

I

VII. Handling and Storage:**Handling Precautions:**

EYE PROTECTION: Safety glasses/goggles recommended.

PROTECTIVE GLOVES: Recommended

OTHER PROTECTIVE CLOTHING: None required

RESPIRATORY PROTECTION: A high efficiency particulate filter is recommended whenever dust may be generated.

VENTILATION: Local exhaust is recommended, sufficient to control dust.

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling.

Storage Precautions:

Wet activated carbon removes oxygen from the air causing severe hazard to workers in confined spaces. Sampling and work procedures for low oxygen levels should be taken whenever workers may be entering carbon vessels, enclosed, or confined spaces. All federal, state and local regulations should be observed.

VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Graphite (natural) dust	Not Available	Not Available	Not Available

Engineering Controls:

Local exhaust is recommended, sufficient to control dust.

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Personal Protective Equipment:

Safety glasses/goggles. Gloves.

IX. Physical and Chemical Properties:

Boiling Point: N/A

Boiling Range: Not Available

Solubility In Water: Not soluble

Flash Point: N/A

Odor Threshold: Not Available

Vapor Density (AIR = 1): N/A

pH Range: Not Available

Decomposition Temp: Not Available

Lower Explosive Limit: N/A

Specific Gravity (H2O = 1): Not Available

Other Information: Apparent Density: 0.3 to 0.7 G/CC

Melting Point: N/A

Freezing Point: Not Available

Evaporation Rate (Butyl Acetate = 1): N/A

Flash Point Method: Not Available

Appearance and Odor: Black solid mass, No appreciable od

Vapor Pressure (mm Hg.): N/A

Partition Coefficient: Not Available

Auto-Ignition Temp: Not Available

Upper Explosive Limit: N/A

X. Stability and Reactivity:

Stability:

Stable

Conditions to Avoid:

Not Available

Incompatible Materials:

Avoid contact with strong oxidizers

Hazardous Decomposition Products:

N/A

Possibility of Hazardous Reactions:

N/A

XI. Toxicological Information:

This material has been shown to be non-toxic.

XII. Ecological Information:

This material will not harm the environment.

XIII. Disposal Considerations:

Unused carbon may be disposed of by any appropriate means. Follow federal, state and local guidelines regulating disposable.

XIV. Transport Information:

Shipping Name: Not Applicable

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DOT Hazard Class: Not Available

DOT Subsidiary Hazard Class: Not Available

UN/NA#: Not Available

Packing Group: Not Available

Transportation Information:

N/A

XV. Regulatory Information:

There are no established PEL, TWA, or TLV values for this material.

XVI. Other Information:

- Chemical State:** Liquid Gas Solid
- Chemical Type:** Pure Mixture
- Hazard Category:**
- Acute Chronic Fire
- Pressure Reactive



Additional Manufacturer Warnings:

Using this product under normal, properly instructed procedures should not be hazardous.

1	Health
1	Flammability
1	Physical Hazard
B	Pers. Protection

Additional Product Information:

Not Available