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Fritz ProAquatics Carbon AP

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SECTION 1: Product Information

Date Revised	04/27/11			
Brand Name	Fritz ProAquatics			
Product Name	Carbon AP (Activated Pelleted)			
Chemical Family	Carbon			
Material Uses	Vapor and liquid filtration applications			
NFPA (704) Rating	Health: 1	Flammability: 0	Reactivity: 0	Special: 0

SECTION 2: Composition & Information on Ingredients

CAS Number	7440-44-0
% by Weight	100
TLV/PEL	15 mg/m ³
LC₅₀/LD₅₀	Oral LD ₅₀ > 5 g/kg (Rats)

SECTION 3: Hazards Identification

Emergency Overview	Carbon is considered "hazardous" by OSHA definition, 29 CFR 1910.1200. Never enter a confined space containing Activated Carbon since it can adsorb Oxygen and asphyxiation may result.
Eye Contact	Dust may cause eye irritation.
Skin	Prolonged exposure may cause irritation.
Inhalation	Dust may cause respiratory tract irritation that can cause coughing and/or sneezing. OSHA "Nuisance Dust" limitations should be observed.
Ingestion	No adverse effect unless quantity ingested causes physical discomfort.
Chronic Exposure	Not established.

SECTION 4: First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for 15 minutes.
Skin Contact	Wash skin with soap and water. Wash clothing.
Inhalation	Remove to fresh air.
Ingestion	Induce vomiting and seek medical attention.

SECTION 5: Fire & Explosion Data

Flammability	Ignition temperature: > 400°C
Explosion Hazards	When burned, hazardous products of combustion including oxides of carbon, can occur. Irritating and/or toxic gases due to decomposition of the product may be generated during a fire. Contact with strong oxidizers such as Ozone or Liquid Oxygen may cause rapid combustion.
Fire Fighting Media & Instructions	Dry chemical, water fog, foam or carbon dioxide. Wear full protective clothing and NIOSH approved self-contained breathing apparatus.
Special Information	N/A

SECTION 6: Accidental Release Measures

Leak/Spill	Clean up in a fashion that does not dissipate dust into air. Shovel and sweep material into appropriate container. If necessary, wash down area with water.
Disposal	Recover, reclaim or recycle when practical. Dispose of in accordance with local, state and federal regulations.

SECTION 7: Handling and Storage

Handling	Avoid contact with eyes and skin; avoid scattering of dust into air and breathing of dust. Wash skin thoroughly after handling.
Storage	Store in sealed containers in dry area with adequate ventilation. Keep away from strong oxidizers (ozone, chlorine, etc.) ignition sources, combustible materials, and heat.

SECTION 8: Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep airborne concentrations of dust particles below OSHA "Nuisance Dust" limits. Ensure that eyewash stations and safety showers are proximal to the workstation location.
Personal Protection	Safety glasses with side panels are required for any form of handling. Wear appropriate dust resistant clothing. Wear gloves and long sleeves to prevent long term exposure.
Personal Protection in case of Large Spill	Wear MSHA/NIOSHA approved respirator to avoid inhalation of the product.

SECTION 9: Physical & Chemical Properties

Physical State & Appearance	Black or grey pellets; No odor
Specific Gravity	0.8 - 2.1
Bulk Density (lb/ft³)	12-30 lb/ft ³
pH	2.5 - 10
Solubility	Insoluble in Water

SECTION 10: Stability & Reactivity Data

Stability	Stable under outlined conditions of storage, shipment, and use.
Incompatibilities	Contact with strong oxidizers such as Ozone, Chlorine or Liquid Oxygen may cause rapid combustion.
Special Remarks on Reactivity	None

SECTION 11: Toxicological Information

Primary Routes of Exposure	Eye, inhalation and ingestion
Toxic Effects on Humans	None known
Special Remarks on other Toxic Effects on Humans	None given

SECTION 12: Transport Information

DOT Classification	Not restricted
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SECTION 13: Other Regulatory Information & Classifications

WHMIS (Canada)	Not classified
DSCL (EEC)	Not classified

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