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Fritz ProAquatics Ammonium Chloride

SECTION 1: Product Information

Date Revised	04/27/11
Brand Name	Fritz ProAquatics
Product Name	Ammonium Chloride
Chemical Family	Ammonium Salts
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	12125-02-9
% by Weight	98 - 100
TLV/PEL	10 mg/m ³
LC₅₀/LD₅₀	Oral LD ₅₀ > 1650 mg/kg (Rats)

SECTION 3: Hazards Identification

Emergency Overview	N/A
Eye Contact	May cause eye irritation.
Skin	Prolonged exposure may cause irritation.
Inhalation	Inhalation of vapors or dusts may cause respiratory tract irritation.
Ingestion	May cause gastric distress.
Chronic Exposure	Not established.

SECTION 4: First Aid Measures

Eye Contact	Immediately flush eyes with water for 15 minutes.
Skin Contact	Wash skin with soap and water. Wash clothing.
Inhalation	Remove to fresh air.
Ingestion	If swallowed, drink water to dilute. Do not give fluids if victim is unconscious or having convulsions.

SECTION 5: Fire & Explosion Data

Flammability	Not flammable
Explosion Hazards	Decomposition bi-products are flammable (i.e. NH ₃). Not considered to be an explosion hazard.
Fire Fighting Media & Instructions	All standard fire fighting media. Use material suitable for surrounding fire.
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 a clean, dry container.
Disposal	Recover, reclaim or recycle when practical. Dispose of in accordance with local, state and federal regulations. Presents no health hazards.

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 extreme heat.

SECTION 8: Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation and/or other engineering controls to keep airborne concentrations of dust particles below exposure limits. Ensure that eyewash stations and safety showers are proximal to the workstation location.
Personal Protection	Wear appropriate protective equipment (i.e. Safety glasses, chemical-resistant gloves, etc.) To prevent exposure to eyes or skin.
Personal Protection in case of Large Spill	Wear MSHA/NIOSHA approved respirator to avoid prolonged or excessive inhalation of the product.

SECTION 9: Physical & Chemical Properties

Physical State & Appearance	White/Colorless grain; No odor
Specific Gravity	1.5
Bulk Density (lb/ft³)	2.53 lb/ft ³
pH	9.0 - 10.5
Solubility	374 g/L

SECTION 10: Stability & Reactivity Data

Stability	Stable under outlined conditions of storage, shipment, and use.
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Incompatibilities Strong acids or strong bases. Interhalogens, potassium chlorate and silver salts.
Special Remarks on Reactivity None

SECTION 11: Toxicological Information

Primary Routes of Exposure Eye, skin, 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

SECTION 13: Other Regulatory Information & Classifications

WHMIS (Canada) Not classified

DSCL (EEC) Not classified

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