

# AMMO

## Ammonium Chloride Material Safety Data Sheet

### Product Information

Brand Name AquaLife

Product Name AMMO

Chemical Family Ammonium Salts

**Material Uses:** Liquid filtration applications

**NFPA (704) Rating** Health: 1 Flammability: 0

Reactivity: 0 Special: 0

### Composition & Information on Ingredients

**CAS Number** 12125-02-9

% by Weight 98 - 100

TLV/PEL 10 mg/m<sup>3</sup>

LC50/LD50 Oral LD50 > 1650 mg/kg (Rats)

### 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.

### 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.

### Fire & Explosion Data

Flammability Not flammable

Explosion Hazards Decomposition bi-products are flammable (i.e. NH<sub>3</sub>). Not considered to be an explosion hazard.

Fire Fighting Media & Instructions All standard fire fighting media. Use material suitable for surrounding fire.

### 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.

### 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.

### 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/NIOSH approved respirator to avoid prolonged or excessive inhalation of the product.

### Physical & Chemical Properties

Physical State & Appearance White/Colorless grain; No odor

Specific Gravity 1.5

Bulk Density (lb/ft<sup>3</sup>) 2.53 lb/ft<sup>3</sup>

pH 9.0 - 10.5

Solubility 374 g/L

### Stability & Reactivity Data

Stability Stable under outlined conditions of storage, shipment, and use.

Incompatibilities Strong acids or strong bases.

Interhalogens, potassium chlorate and silver salts.

Special Remarks on Reactivity None

### 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

### Transport Information

DOT Classification Not restricted

### Other Regulatory Information & Classifications

WHMIS (Canada) Not classified

DSCL (EEC) Not classified

Revision Date: 4/27/11

The logo for AquaLife, featuring the word "aquaLife" in a blue, sans-serif font with a registered trademark symbol. A blue wave-like graphic is positioned below the text.

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