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Fritz ProAquatics Mag Flake

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SECTION 1: Product Information

Date Revised	07/06/05
Brand Name	Fritz ProAquatics
Product Name	Mag Flake
Common Name	Magnesium Chloride
Chemical Family	Inorganic Salt
Material Uses	N/A
NFPA (704) Rating	Health: 1 Flammability: 0 Reactivity: 1 Special: 0

SECTION 2: Composition & Information on Ingredients

CAS Number	7791-18-6
% by Weight	100
OSHA PEL	Not Established
LC₅₀/LD₅₀	Not Established

SECTION 3: Hazards Identification

Emergency Overview	May be harmful if swallowed. May cause respiratory tract, eye and skin irritation.
Eye Contact	May be hazardous in case of contact (irritant).
Skin	May be hazardous in case of contact (irritant). Skin inflammation is characterized by itching, scaling, reddening, or occasionally blistering.
Inhalation	May be hazardous in case of inhalation (lung irritant).
Ingestion	May be hazardous in case of ingestion.
Chronic Exposure	This material is not known to cause cancer in animals or humans. Repeated or prolonged exposure is not known to aggravate medical condition.

SECTION 4: First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
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Skin Contact	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of the material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

SECTION 5: Fire & Explosion Data

Flammability	Non-flammable.
Explosion Hazards	No risks of explosion of the product in presence of static discharge.
Fire Fighting Media & Instructions	N/A
Special Information	N/A

SECTION 6: Accidental Release Measures

Leak/Spill	For small amounts, use appropriate tools to put the spilled solid in a convenient waste disposal container. For large amounts, use shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminate surface and allow to evacuate through the sanitary system.
Disposal	Recycle or dispose in local landfill per local, state, and federal regulations.

SECTION 7: Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing dust. Keep container closed.
Storage	Keep container in a cool, well-ventilated area.

SECTION 8: Exposure Controls/Personal Protection

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fire or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product.
Personal Protection in case of Large Spill	Respirators: A respiratory protection program that meets OSHA'S 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

SECTION 9: Physical & Chemical Properties

Physical State & Appearance	White solid pellets/flakes; No odor
Specific Gravity	N/A
pH	N/A
Solubility	Soluble in water

SECTION 10: Stability & Reactivity Data

Stability	Stable
Incompatibilities	N/A
Special Remarks on Reactivity	Hazardous polymerization will not occur.

SECTION 11: Toxicological Information

Primary Routes of Exposure	Inhalation, skin, ingestion, eyes
Toxic Effects on Humans	May be hazardous in case of eye contact (irritant). May be hazardous in case of skin contact (irritant). Skin inflammation is characterized by itching, scaling, reddening, or occasionally blistering. May be hazardous in case of inhalation (lung irritant). May be hazardous in case of ingestion.
Special Remarks on other Toxic Effects on Humans	This material is not known to cause cancer in animals or humans.

SECTION 12: Transport Information

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

TSCA 3(b) Inventory	Magnesium Chloride
SARA 302/304/311/312 extremely hazardous substances	No products were found.
SARA 302/304 emergency planning and notification	No products were found.
SARA 302/304/311/312 hazardous chemicals	No products were found.
SARA 311/312 MSDS distribution – chemical inventory – hazard identification	No products were found.
SARA 313 toxic chemical notification and release reporting	No products were found.

Clean Water Act (CWA) 307	No products were found.
Clean Water Act (CWA) 311	No products were found.
Clean Air Act (CAA) 112 accidental release prevention	No products were found.
Clean Air Act (CAA) 112 regulated flammable substances	No products were found.
Clean Air Act (CAA) 112 regulated toxic substances	No products were found.
WHMIS (Canada)	Not controlled under WHMIS (Canada)
EINECS	Not available
DSCL (EEC)	R36/37/38: Irritating to eyes, respiratory system and skin.
Australia (NICNAS)	Magnesium Chloride
Japan (MITI)	Magnesium Chloride
Philippines (RA6969)	Magnesium Chloride
China	No products were found.
California Prop. 65	No products were found.

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