

Fritz Industries, Inc.
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Fritz Pond Alkalinity Booster

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SECTION 1: Product Information

Date Revised	01/12/12
Brand Name	Fritz Pond
Product Name	Alkalinity Booster

SECTION 2: Composition & Information on Ingredients

Chemical Names	CAS Number:	% by Weight:	TLV/PEL:	LC50/LD50:
Sodium Bicarbonate	144-55-8	50-75%	15 mg/m ³	LD50= 4300 mg/kg oral (rat)
Calcium Carbonate	471-34-1	15-25%	10 mg/m ³	LD50= 6450 mg/kg, oral (rat)
Magnesium Carbonate	546-93-0	15-25%	N/A	N/A

NFPA (704) Rating	Health: 1	Flammability: 0	Reactivity: 0	Special: 0
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SECTION 3: Hazards Identification

Emergency Overview	May be slightly irritating to the eyes and skin.
Routes of Entry	Inhalation and skin contact.
Eyes	May be slightly irritating to eyes.
Skin	May be slightly irritating to skin.
Inhalation	Inhalation of dust may cause coughing. Low level of acute toxicity by inhalation.
Ingestion	Low level of acute toxicity by ingestion.

SECTION 4: First Aid Measures

Eye Contact	Flush with water for at least fifteen minutes, lifting lids occasionally. If irritation persists, obtain medical attention.
Skin Contact	Wash exposed area with soap and water. Get medical advice if irritation persists.
Inhalation	Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion	Drink plenty of water. Never give anything by mouth to an unconscious person. If any discomfort persists, seek medical attention.

SECTION 5: Fire & Explosion Data

Flammability	Noncombustible
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Explosion Hazards

None. Product is noncombustible. Reacts with acids to release carbon dioxide and heat. May emit toxic fumes when exposed to heat or fire.

Fire Fighting Media & Instructions

Water, water fog, carbon dioxide, dry chemical.

SECTION 6: Accidental Release Measures

Leak/Spill

Sweep up as much as possible for salvage or disposal. Wash away residue with water.

Disposal

If material cannot be salvaged, an acceptable method is to dispose of uncontaminated product into a secured landfill. Abide by all local, state, and federal environmental regulations. Empty containers may be incinerated or discarded as general trash.

SECTION 7: Handling and Storage

Handling

Wear appropriate protective equipment as defined in Section 8.

Storage

Store in a cool, dry area, away from acids. Use general room ventilation to control airborne dust that may be generated into work environment.

SECTION 8: Exposure Controls/Personal Protection

Engineering Controls

Laboratory fume hood or local exhaust ventilation.

Personal Protection

To protect skin, wear protective gloves and clean body-covering clothing. To protect eyes, wear chemical goggles and maintain eye wash fountain and quick-drench facilities in work area. Wear an approved dust respirator.

SECTION 9: Physical & Chemical Properties

Physical State & Appearance

White dry powder; Slight chemical odor

Specific Gravity

N/A

pH

N/A

SECTION 10: Stability & Reactivity Data

Stability

Stable

Incompatibilities

May react with strong oxidizing agents (e.g., peroxides, permanganates, nitric acid, etc.) and strong acids.

Conditions to Avoid

Contact with acids except under controlled conditions

Hazardous Decomposition

May emit toxic fumes when heated to decomposition.

SECTION 11: Toxicological Information

Primary Routes of Exposure

Eye contact, skin contact, inhalation, ingestion.

Toxic Effects on Humans

No significant toxicity is expected.

Aggravation of Existing Medical Conditions

Administration of large doses to patients with renal insufficiency can produce systemic alkalosis.

SECTION 12: Transport Information

DOT Classification Not restricted

SECTION 13: Other Regulatory Information & Classifications

WHMIS (Canada) Classification D-2B

Canadian DSL Inventory Status This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

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