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## Fritz Pond Waterfall Cleaner

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### SECTION 1: Product Information

<b>Date Revised</b>	02/15/2006
<b>Brand Name</b>	Fritz Pond
<b>Product Name</b>	Waterfall Cleaner
<b>Chemical Name</b>	Sodium Carbonate Peroxyhydrate
<b>NFPA (704) Rating</b>	Health: 2      Flammability: 0      Reactivity: 2      Special: 0

### SECTION 2: Composition & Information on Ingredients

<b>CAS Number</b>	15630-89-4
<b>% by Weight</b>	> 85%
<b>TLV/PEL</b>	N/A
<b>LC<sub>50</sub>/LD<sub>50</sub></b>	2400 mg/kg (Rat) 2200 mg/kg (Mouse)

### SECTION 3: Hazards Identification

<b>Potential Health Effects</b>	<p>Very hazardous in case of skin contact (irritant), of eye contact (irritant). Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer). Prolonged exposure may result in skin burns and ulcerations. Over-exposure by inhalation may cause respiratory irritation. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.</p> <p><b>Carcinogenic Effects:</b> Not available. <b>Mutagenic Effects:</b> Not available. <b>Teratogenic Effects:</b> Not available. <b>Developmental Toxicity:</b> Not available. Repeated or prolonged exposure is not known to aggravate medical condition.</p>
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### SECTION 4: First Aid Measures

<b>Eye Contact</b>	<p>Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.</p>
<b>Skin Contact</b>	<p>After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.</p>

<b>Inhalation</b>	Remove to fresh air. If breathing difficulty or discomfort occurs and persists, obtain medical attention.
<b>Ingestion</b>	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

## SECTION 5: Fire & Explosion Data

<b>Flammable Limits</b>	N/A
<b>Fire / Explosion Hazards</b>	N/A
<b>Fire Fighting Media</b>	Water, water fog, carbon dioxide (CO <sub>2</sub> ), dry chemical
<b>Fire Fighting Procedures</b>	Do not allow water to enter container because of violent reaction. Keep container tightly closed. Powerful oxidizing agent; may ignite oxidizable materials.
<b>Hazardous Combustion Products</b>	Not Available

## SECTION 6: Accidental Release Measures

<b>Small Spill</b>	Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: Neutralize the residue with a dilute solution of acetic acid.
<b>Large Spill</b>	Oxidizing material. Stop leak if without risk. Avoid contact with a combustible material (wood, paper, oil, clothing...). Keep substance damp using water spray. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of acetic acid.
<b>Disposal Method</b>	Dispose of in approved waste facility operated by authorized contractor in compliance with federal, state and local regulations.

## SECTION 7: Handling and Storage

<b>Handling</b>	Keep away from heat. Keep away from sources of ignition. Keep away from combustible material Do not ingest. Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes Keep away from incompatibles such as reducing agents, organic materials, metals, acids, moisture.
<b>Storage</b>	Oxidizing materials should be stored in a separate safety storage cabinet or room.

## SECTION 8: Exposure Controls/Personal Protection

<b>Engineering Controls</b>	Where possible, provide general mechanical and/or local exhaust ventilation to prevent release of airborne dust into the work environment.
<b>Personal Protection</b>	Appropriate eye and face protection equipment (ANSI Z87 approved) should be selected for the particular use intended for this material. Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
<b>Additional Exposure Guidelines</b>	In case of Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

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## SECTION 9: Physical & Chemical Properties

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<b>Physical State &amp; Appearance</b>	White granular solid; Slight chemical odor
<b>Specific Gravity (water = 1)</b>	N/A
<b>Bulk density (lb/ft<sup>3</sup>)</b>	1-1.2
<b>pH</b>	10 (1% solution)
<b>Solubility (Water = 1)</b>	Soluble in hot water. Partially soluble in cold water. Very slightly soluble in methanol. Insoluble in diethyl ether, n-octanol.

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## SECTION 10: Stability & Reactivity Data

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<b>Stability</b>	Stable
<b>Conditions to Avoid</b>	Heat, Sources of heat, Moisture
<b>Materials to Avoid</b>	Water, Acids, Bases, Salts of Heavy Metals, Reducing Agents, Organic Materials, Flammable Substances.
<b>Hazardous Decomposition Products</b>	Oxygen; Decomposition releases steam and heat.
<b>Special Remarks on Reactivity</b>	Polymerization will not occur.

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## SECTION 11: Toxicological Information

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<b>Routes of Entry</b>	Eye contact. Inhalation. Ingestion.
<b>Skin Effects</b>	Non-irritating to intact skin. Minor irritation may occur on abraded skin.
<b>Toxicology Results</b>	<b>Acute Oral LD<sub>50</sub>:</b> 2200 mg/kg (Mouse) <b>Effects on Humans:</b> Very hazardous in case of skin contact (irritant). Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer). Material is irritating to mucous membranes and upper respiratory tract.
<b>Chronic Effects from Overexposure</b>	No data available for the product

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## SECTION 12: Transport Information

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<b>DOT Classification</b>	Not restricted
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## SECTION 13: Other Regulatory Information and Classifications

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<b>Federal and State Regulations</b>	<b>New Jersey: Sodium percarbonate TSCA 8(b) inventory:</b> Sodium percarbonate
<b>Other Regulations</b>	<b>OSHA:</b> Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). <b>EINECS:</b> This product is on the European Inventory of Existing Commercial Chemical Substances.
<b>WHMIS (Canada)</b>	<b>CLASS C: Oxidizing material. CLASS D-2B:</b> Material causing other toxic effects (TOXIC).
<b>DSCL (EEC)</b>	R38- Irritating to skin. R41- Risk of serious damage to eyes.

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