




1. Identification

Common Name/ Trade Name: Material Uses:	FritzPond Waterfall Cleaner Pond and water garden cleaner	Revision Date: June 4, 2019 Product Number: N/A		
Supplier:	FRITZ INDUSTRIES, INC. 500 SAM HOUSTON ROAD MESQUITE, TX 75149	<p style="text-align: center;">In Case of Emergency:</p> <table> <tr> <td>Week Days: (Monday – Friday 8-5): (972) 329-8800 (800) 955-1323</td> <td>CHEMTREC (7 days a week, 24 hours a day) (800) 424-9300</td> </tr> </table>	Week Days: (Monday – Friday 8-5): (972) 329-8800 (800) 955-1323	CHEMTREC (7 days a week, 24 hours a day) (800) 424-9300
Week Days: (Monday – Friday 8-5): (972) 329-8800 (800) 955-1323	CHEMTREC (7 days a week, 24 hours a day) (800) 424-9300			

2. Hazard(s) Identification

Classification: Oxidizing Solid Category 2
Acute Oral Toxicity Category 4
Serious Eye Damage/Eye Irritation Category 1

Labeling:

Symbol:   

Signal Word: DANGER

Hazard Statement: H272 May intensify fire; oxidizer.
H302 Harmful if swallowed.
H318 Causes serious eye damage.

Precautionary Statements: P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces.
P220 Keep away from combustible materials.
P221 Take any precaution to avoid mixing with combustibles.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection.
P301 + P312 IF SWALLOWED: Call a Poison Center or doctor if you feel unwell.
P330 Rinse mouth.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a Poison Center or doctor/physician
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
P391 Collect spillage.
P501 Dispose of contents/container to an approved waste facility.

Other Hazard
Information:

Physical/Chemical Hazards: No additional hazards.
Health Hazards: May cause irritation to skin and respiratory tract.
Environmental Hazards: No additional hazards.

3. Composition and Information on Ingredients

<u>Chemical Identity</u>	<u>Numbers of Identity</u>	<u>% by Weight</u>
Sodium Carbonate Peroxyhydrate	CAS # 15630-89-4	>99%

4. First Aid Measures

Inhalation: Remove from exposure area to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek medical attention. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

Skin Contact: Remove contaminated clothing, and wash contact areas with soap and water. Launder contaminated clothing before reuse. If irritation develops and persists, seek medical attention.

Eye Contact: In case of contact, do not rub eyes. Immediately flush eyes with running water, keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek immediate medical attention.

Ingestion: If victim is conscious and alert, rinse mouth out and give ½ to 1 cup of water to dilute material. Do not induce vomiting. Seek immediate medical attention.

5. Fire and Explosion Data

General Information: This material is not flammable or combustible, but enhances combustion of other substances.

Suitable Extinguishing Media: Use dry sand or dry chemical.

Unsuitable Extinguishing Media: No direct contact with water, material will decompose.

Specific Hazards in Case of Fire: Irritating and toxic gases may be generated by thermal decomposition or combustion. Decomposition releases oxygen, which can support combustion. Decomposition in the presence of organic materials can be highly exothermic and may cause combustion.

Special Protective Equipment and Precaution for Fire Fighters: Full protective clothing and approved self-contained breathing apparatus required for fire personnel.

6. Accidental Release Measures

Personal Precautions: Avoid contact with material. Use appropriate personal protective equipment (see section 8). Keep combustible materials away from spilled material.

Environmental Precautions: Prevent from entering sewers and waterways.

Methods and Materials for Containment and Cleaning Up: Ventilate area. Isolate and contain spill. Use dry methods to collect spilled materials. Avoid generating dust. Place material in suitable container for reclamation or disposal.

7. Handling and Storage

Precautions for Safe Handling: Avoid direct skin and eye contact. Avoid breathing dust. Wear appropriate personal protection equipment (see section 8). Wash exposed areas thoroughly after handling.

Conditions for Safe Storage, including Incompatibilities: Keep in tightly closed containers. Store in a cool, dry and well-ventilated location. Keep away from sources of ignition and moisture. Protect from direct sunlight. Store away from flammable substances and other incompatible materials (see section 10).

8. Exposure Controls/Personal Protection

Exposure Limits:

Component Name (CAS-No.)	Reference	Limit Values
Sodium Carbonate Peroxyhydrate CAS # 15630-89-4	ACGIH (TWA)	Not established
	NIOSH (REL)	Not established
	OSHA (PEL)	Not established

Ventilation: Use local exhaust ventilation or other engineering controls to keep airborne levels minimal.

Respiratory Protection: MSHA/NIOSH approved respirator that meets with OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements.

Eye Protection: Safety goggles and face shield.

Skin Protection: Chemical resistant gloves. Clothing should cover arms and legs.

9. Physical and Chemical Properties

Flashpoint:	Not determined	Lower Flammability Limit:	Not determined
Auto ignition Temperature:	Not determined	Upper Flammability Limit:	Not determined
Boiling Point:	Not determined	Bulk density (g/cm ³):	1.0 – 1.2
Melting Point:	Not determined	% Volatile:	Not determined
Vapor Pressure, mm _{Hg} :	Not determined	Evaporation Rate (Water=1):	Not applicable
Vapor Density (air=1):	Not available	Viscosity:	Not determined
%Solubility in Water:	Soluble	Octanol/Water Partition Coefficient:	Not determined
Pour Point:	Not determined	pH (1% solution):	10.4
Odor/Appearance:	Odorless/White solid		

10. Stability and Reactivity Data

Chemical Stability: Material is stable under recommended conditions of use and storage.

Possibility of Hazardous Reactions: Reacts with strong acids.

Conditions to Avoid: Extremely high or low temperatures, sources of ignition, and moisture.

Materials to Avoid: Strong acids, strong reducing agents, flammable materials, organic materials, powdered metals, and water.

Hazardous Decomposition Products: Hydrogen peroxide, oxygen, sodium oxides and carbon oxides.

11. Toxicological Information

Routes of Exposure: Ingestion, skin contact, eye contact, inhalation

Acute Toxicity: Oral LD₅₀: 1,034 mg/kg, rat
Dermal LD₅₀: >2000 mg/kg, rabbit
Inhalation LC₅₀: No data available.

Skin Corrosion/Irritation: Contact may cause skin irritation. Based on available data, classification criteria are not met.

Serious Eye Damage/Irritation: Causes serious eye damage.

Respiratory/Skin Sensitization: No data available.

Germ cell Mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive Toxicity: No data available.

STOT, SE: May cause respiratory irritation. Based on available data, classification criteria are not met.

STOT, RE: No data available.

Other Chronic Toxicity: None known.

12. Ecological Information

Persistence and Degradability: Material does not biodegrade.

Bio-accumulative Potential: No bioaccumulation is expected.

Mobility: No information available.

Aquatic Toxicity:

Species	Results	Comments
Fathead minnow (<i>Pimephales promelas</i>)	LC ₅₀ : 70.7 mg/L, 96 hour	Test data from OECD SIDS
Water flea (<i>Daphnia magna</i>)	EC ₅₀ : 4.9 mg/L, 48 hour	Test data from OECD SIDS

13. Disposal Considerations

Waste Disposal: Disposal should be made in accordance with federal, state, and local regulations.

14. Transport Information**US DOT:**

UN-number: UN 3378
 Shipping Name: Sodium Carbonate Peroxyhydrate
 Hazard Class: 5.1
 Packing Group: III

IATA:

UN-number: UN 3378
 Shipping Name: Sodium Carbonate Peroxyhydrate
 Hazard Class: 5.1
 Packing Group: III

IMDG:

UN-number: UN 3378
 Shipping Name: Sodium Carbonate Peroxyhydrate
 Hazard Class: 5.1
 Packing Group: III

15. Other Regulatory Information

Inventory Status: Components of this product are on the TSCA inventory or are exempt.

US Regulations:

SARA 302 EHS Chemicals: This product does not contain ingredients listed as an Extremely Hazardous Substance.

SARA (311/312) Hazard Categories: Acute Health Hazard
 Fire Hazard
 Reactivity Hazard

SARA 313: This product does not contain ingredients on the List of Toxic Chemicals.

EPA CERCLA/Superfund Reportable Spill Quantity: This material does not contain any CERCLA regulated chemicals.

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

Abbreviations and Acronyms:

ACGIH: American Conference of Industrial Hygienists
 CAS: Chemical Abstract Service
 CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
 EC₅₀: Effective Concentration, half maximal
 EHS: Extremely Hazardous Substances
 EPA: Environmental Protection Agency
 GHS: Globally Harmonized System
 HMIS: Hazardous Materials Identification System
 LC₅₀: Lethal Concentration, half maximal
 LD₅₀: Lethal Dose, half maximal
 mg/kg: Milligrams per Kilogram
 mg/l: Milligrams per Liter
 mg/m³: Milligrams per Cubic Meter
 MSHA: Mine Safety and Health Administration
 NFPA: National Fire Protection Association
 NIOSH: National Institute for Occupational Safety and Health
 OECD: Organization for Economic Co-operation and Development
 OSHA: Occupational Safety and Health Administration
 PEL: Permissible Exposure Limit
 PPE: Personal Protective Equipment
 PPM: Parts per Million
 REL: Recommended Exposure Limit
 SARA: Superfund Amendments and Reauthorization Act
 SIDS: Screening Information Data Set
 STEL: Short-term exposure limit
 TSCA: Toxic Substances Control Act
 TWA: Time weighted average

Additional Information:

HMIS (U.S.A.): Health 2, Flammability 0, Physical Hazard 2
 NFPA (U.S.A.): Health 2, Flammability 0, Reactivity 2, Special Hazard OX

Revisions:

Added Acute/Chronic Aquatic Toxicity hazard classification (5/12/15)
 Added Corrosive and Environmental pictograms (5/12/15)
 Added H411 hazard statement (5/12/15)
 Added P220, P264, P270, P273, P301+P312, P370+P378, and P391 precautionary statements (5/12/15)
 Reviewed SDS, removed the Acute/Chronic Aquatic Toxicity hazard classification. (06/04/2019)
 Removed the environmental pictogram. (06/4/2019)
 Removed hazard statement H411. (06/04/2019)
 Updated sections 11, 14 and 15. (06/04/2019)

Supersedes:

May 12, 2015

Prepared by: Michael Carlo

Preparation date: June 4, 2019

Disclaimer

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Fritz Industries, Inc. assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

End of SDS