

# SAFETY DATA SHEET

Date Issued : 09/15/2021

SDS No. : Serum pH Up

## HTS Turbo Watercare System pH Up

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** HTS Turbo Watercare System pH Up

**GENERAL USE:** pH Increaser

**DISTRIBUTOR**

Serum Watercare, LLC.

3049 Bradshaw Lane

The Villages, FL 32163

**Product Stewardship:** (609) 500-0341

**E-Mail:** East@HotTubSerum.net

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

**Health:**

Serious Eye Damage, Category 2

**GHS LABEL**



Exclamation  
mark

**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS**

H319: Causes serious eye irritation.

**PRECAUTIONARY STATEMENT(S)**

**Prevention:**

4304ZF6P: Wash exposed skin thoroughly after handling.

7488OIHY: Wear eye/face protection.

**Response:**

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Carbonate	100	497-19-8

### 4. FIRST AID MEASURES

**EYES:** Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

**SKIN:** Flush skin with plenty of soap and water, removing contaminated clothing. If irritation persists, consult a physician.

**INGESTION:** Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

**INHALATION:** Remove to fresh air. If effects occur, seek medical attention.

**NOTES TO PHYSICIAN:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

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**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

**HAZARDOUS COMBUSTION PRODUCTS:** Non-combustible. Substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Emits fumes of sodium oxide. Carbon oxides (COx).

### 6. ACCIDENTAL RELEASE MEASURES

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Do not flush into surface water or sanitary sewer system.

**GENERAL PROCEDURES:** Avoid dust formation. Sweep up to prevent slipping hazard. Pick up and transfer to properly labeled containers. Keep in suitable and closed containers for disposal.

**RELEASE NOTES:** Prevent large quantities of this product from contacting vegetation or waterways.

### 7. HANDLING AND STORAGE

**HANDLING:** Use in well-ventilated areas. Avoid breathing dusts.

**STORAGE:** Store in original container. Keep container tightly closed. Keep away from acids, aluminum and powdered aluminums.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Sodium Carbonate	OSHA PEL	TWA	[1]	[1]
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
<b>Footnotes:</b> 1. NL = Not Listed				

**ENGINEERING CONTROLS:** Use local exhaust. There are no product-specific guidelines for exposure, however Federal Guidelines treat this ingredient as a nuisance dust.

#### Exposure Guidelines for Particulates Not Otherwise Regulated:

OSHA (PEL/TWA): 15 mg/m<sup>3</sup> (total dust); 5 mg/m<sup>3</sup> (resp fraction)

MSHA (PEL/TWA): 10 mg/m<sup>3</sup> (total dust)

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields.

**RESPIRATORY:** In dusty atmospheres use a NIOSH-approved dust respirator.

**PROTECTIVE CLOTHING:** Wear protective clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid

**ODOR:** Odorless

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**APPEARANCE:** White granular.

**pH:** 11.4 (1% solution.)

**FLASHPOINT AND METHOD:** Not combustible.

**LOWER EXPLOSION LIMIT:** 0

**UPPER EXPLOSION LIMIT:** 0

**VAPOR PRESSURE:** N/A

**VAPOR DENSITY:** N/A

**BOILING POINT:** Decomposes

**MELTING POINT:** 851°C

**DECOMPOSITION TEMPERATURE:** 400°C

**SOLUBILITY IN WATER:** 212.5 g/L at 20 deg C

**SPECIFIC GRAVITY:** 2.52

**MOLECULAR WEIGHT:** 105.99

### 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable. Decomposes by reaction with strong acids.

**CONDITIONS TO AVOID:** Exposure to air or moisture over prolonged periods.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Heated to decomposition, it emits fumes of sodium oxide.

**INCOMPATIBLE MATERIALS:** Aluminum, powdered aluminum, acids.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

**DERMAL LD<sub>50</sub>:** > 2000 mg/kg - Rabbit

**ORAL LD<sub>50</sub>:** 2800 mg/kg - Rat

**INHALATION LC<sub>50</sub>:** 2.3 mg/l (2hr) (rat)

**RESPIRATORY OR SKIN SENSITISATION:** Non-sensitizer.

#### CARCINOGENICITY

**NOTES:** None of the components in this product are listed by IARC, NTP, OSHA or ACGIH as carcinogen.

### 12. ECOLOGICAL INFORMATION

#### AQUATIC TOXICITY (ACUTE)

**96-HOUR LC<sub>50</sub>:** > 300 mg/L (Bluegill Sunfish)

**48-HOUR EC<sub>50</sub>:** 200-22 mg/L Ceriodaphnia

**CHEMICAL FATE INFORMATION:** Biodegradability does not apply to inorganic substances. No significant toxicity to aquatic organisms is expected.

**BIOACCUMULATION/ACCUMULATION:** This product is not expected to bioaccumulate.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose in accordance with all applicable regulations.

**RCRA/EPA WASTE INFORMATION:** This product is not considered a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA).

### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

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**PROPER SHIPPING NAME:** Not Regulated.

### 15. REGULATORY INFORMATION

#### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**313 REPORTABLE INGREDIENTS:** None.

##### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** Not listed.

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA STATUS:** All ingredients in this mixture are in compliance with TSCA.

#### REGULATIONS

**STATE REGULATIONS:** Not regulated.

**CALIFORNIA PROPOSITION 65:** This product does not contain any Proposition 65 chemicals.

**RCRA STATUS:** Not a hazardous waste if discarded in its purchased form.

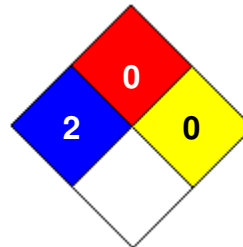
### 16. OTHER INFORMATION

**Date Prepared:** 09/15/2021

#### HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

#### NFPA CODES



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