SAFETY DATA SHEET

Date Issued : 01/16/2023
SDS No. : Clearwater Spa pH Minus

Clear Water Spa pH Minus

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Clear Water Spa pH Minus
GENERAL USE: pH Decreaser for Spas

DISTRIBUTOR

Clearwater Pools, Spas & Supplies, LLC.
4001 Hwy. 190 E. Service Rd.
Covington, LA 70433
Emergency Phone: (985) 966-5652

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Damage, Category 1

GHS LABEL

This material is considered hazardous under OSHA regulations.



Corrosion

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H318: Causes serious eye damage.

PRECAUTIONARY STATEMENT(S)

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/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.
P310: Immediately call a POISON CENTER/doctor/...

POTENTIAL HEALTH EFFECTS

INGESTION: May be harmful if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Bisulfate	10 - 15	7681-38-1

4. FIRST AID MEASURES

EYES: Protect unharmed eye. Remove contact lenses, if worn. Rinse opened eye for several minutes under running water, then consult a doctor.

SKIN: Immediately rinse with water. If skin irritation continues, consult a physician.

INGESTION: Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.

INHALATION: Supply fresh air; consult a doctor in case of complaints.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Strong irritant with the danger of severe eye injury.

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SKIN: Slight irritant effect on skin and mucous memebranes.

INGESTION: Gastric or intestinal disorders when ingested. Nausea in case of ingestion.

INHALATION: Coughing. May cause respiratory irritation.

NOTES TO PHYSICIAN: Medical supervision for 48 hours.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Nonflammable

GENERAL HAZARD: Formation of toxic gases is possible during heating or in case of fire.

EXTINGUISHING MEDIA: CO2, extinguishing powder or water spray. Fight larger fires with resistant foam.

FIRE FIGHTING EQUIPMENT: Firefighters should wear self-contained respiratory protective device and full protective suit.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Use limestone to neutralize and absorb spill. Ensure adequate ventilation. Dispose contaminated material as waste in accordance with Section 13. Send for recovery or disposal in suitable receptacles.

RELEASE NOTES: Do not allow to to enter sewers/surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

SPECIAL PROTECTIVE EQUIPMENT: Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

7. HANDLING AND STORAGE

HANDLING: Prevent formation of aerosols. Avoid splashes or spray in enclosed areas. Use only in well ventilated areas.

STORAGE: Use only receptacles specifically permitted for this product. Aluminum is an unsuitable material to use as receptacle.

Store away from foodstuffs. Store away from oxidizing agents. Do not store together with alkalies (caustic solutions). Store away from metals.

Store in cool, dry conditions in well sealed receptacles. Keep containers tightly sealed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	**Type**		**ppm**	**mg/m³**
Sodium Bisulfate	**OSHA PEL**	**TWA**	ppm [1]	mg/m3 [1]
		STEL	ppm	mg/m3
	ACGIH TLV	**TWA**	ppm	mg/m3
		STEL	ppm	mg/m3
	Supplier OEL	**TWA**	NL ppm	NL mg/m3
		STEL	NL ppm	NL mg/m3

Footnotes:
1. This material meets the definition as an Irritant as defined in OSHA's Hazard Communication Standard.

ENGINEERING CONTROLS: Local exhaust.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses. Do not wear contacts.

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SKIN: Impermeable and resistant gloves to the material.

RESPIRATORY: Use suitable respiratory protective device when insufficient ventilation or when aerosol or mist is formed. For spills, respiratory protection may be advisable.

PROTECTIVE CLOTHING: Acid resistant clothing.

WORK HYGIENIC PRACTICES: Eyewash fountain or water for eye washing should be available.

OTHER USE PRECAUTIONS: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled clothing. Wash hands before breaks and at the end of work. Do not inhale gases/fumes/aerosols. Avoid contact with eyes. Avoid close or long term contact with skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Slightly acidic.

APPEARANCE: Clear

pH: < 1.0

FLASHPOINT AND METHOD: Not combustible.

LOWER EXPLOSION LIMIT: 0

UPPER EXPLOSION LIMIT: 0

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

BOILING POINT: Not Known

MELTING POINT: 350°C (177°F)

SOLUBILITY IN WATER: Complete.

at 20°C (68°F)

SPECIFIC GRAVITY: 1.23

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable.

CONDITIONS TO AVOID: Store away from oxidizing materials.

POSSIBILITY OF HAZARDOUS REACTIONS: Toxic fumes may be released if heated above the decomposition point. Reacts with metals forming hydrogen. Corrosive action on metals. Reacts with alkali (lyes) and strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide and sulfur trioxide are formed when heated over 570 deg F.

INCOMPATIBLE MATERIALS: Oxidizing agents and bases.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

NOTES: Causes serious eye damage.

CARCINOGENICITY

NTP: Components of this product are not listed as a carcinogen by the NTP.

OSHA: Components of this product are not listed as a carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE)

Notes: Contains material that is harmful to the environment.

GENERAL COMMENTS: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Rinse-off of larger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level, the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is

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only low water-dangerous.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

PRODUCT DISPOSAL: Dilute concentrate with water and neutralize afterwards with suitable material (lime or chalk). The formed salts are inert and pose little hazard.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Bisulfate, Aqueous Solution

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN2837

PACKING GROUP: II

OTHER SHIPPING INFORMATION: DOT exception 173.154 - this product qualifies as a Limited Quantity when inner packaging does not exceed 0.3 gallons.

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 RQ: No.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components are listed on the TSCA Inventory.

CALIFORNIA PROPOSITION 65: There are no chemicals present known to the State of California to cause cancer.

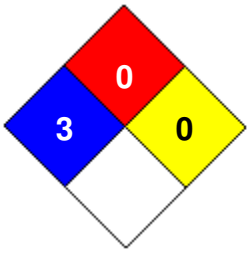
16. OTHER INFORMATION

Date Prepared: 01/16/2023

HMIS RATING

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA CODES



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