SAFETY DATA SHEET

Date Issued : 01/17/2023
SDS No. : Clearwater Super Pool Floc

Clear Water Super Pool Floc

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Clear Water Super Pool Floc
GENERAL USE: Flocculent

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:

Serious Eye Damage, Category 1

Physical:

Corrosive to Metals, Category 1

GHS LABEL



Corrosion

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H318: Causes serious eye damage.
H290: May be corrosive to metals.

PRECAUTIONARY STATEMENT(S)

Prevention:

P234: Keep only in original packaging.
P264: Wash ... 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.
P310: Immediately call a POISON CENTER/doctor/...
P390: Absorb spillage to prevent material damage.

Storage:

P406: Store in a corrosion resistant/...container with a resistant inner liner.

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Irritating to eyes, respiratory system and skin. Gastrointestinal irritation.

POTENTIAL HEALTH EFFECTS

EYES: Causes moderate to severe eye irritation.

SKIN: May cause skin irritation.

INGESTION: May irritate the digestive tract.

INHALATION: May cause irritation of respiratory tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	Wt.%	CAS
Aluminum Chloride Hydroxide Sulfate	25 - 30	39290-78-3

4. FIRST AID MEASURES

EYES: Immediately flush eyes and under eyelids with plenty of water water (lukewarm, if possible) for at least 10 minutes. Seek medical advice.

SKIN: Immediately wash skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INGESTION: DO NOT INDUCE VOMITING. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

INHALATION: If breathing is difficult, remove to fresh air and give oxygen. If not breathing, give artificial respiration. Obtain immediate medical advice / attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not combustible.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition products:

Hydrogen chloride (HCl), aluminum compounds, sulfphur oxides, irritating and/or toxic gases and vapours..

FIRE FIGHTING PROCEDURES: Cool containers/tanks with water spray.

FIRE FIGHTING EQUIPMENT: Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Dilute residues with water and then neutralize with lime or limestone powder to a solid consistency. Shovel or sweep up. Must be disposed of in accordance with local and national regulations.

LARGE SPILL: Remove spill using a vacuum truck. Dilute residues with water and then neutralize with lime or limestone in accordance with local and national regulations. Inform rescue service in case of entry into waterways, soil or drains.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not discharge into drains or waterways.

LAND SPILL: Do not release into the soil.

GENERAL PROCEDURES: Review safety precautions before proceeding with cleanup. Use appropriate personal protection. Dike area around spill to prevent spreading and use absorbent material to pick up spill.

SPECIAL PROTECTIVE EQUIPMENT: Wear appropriate protective equipment and clothing during clean-up.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin, eyes and clothing. Wash contact areas after handling.

STORAGE: Store in original container. Store in corrosive resistant stainless stell container with a resistant inner liner, plastic with fiberglass reinforcement, or plastic. Empty container may contain residues; continue to follow precautions.

COMMENTS: Avoid iron, steel, carbon steel, aluminum, carbon, brass, nylon.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear tightly fitting safety goggles or face shield.

SKIN: PVC or neoprene gloves.

RESPIRATORY: If needed, use OSHA-NIOSH approved respirator with cartridge for dusts/mists.

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PROTECTIVE CLOTHING: Wear protective clothing.

WORK HYGIENIC PRACTICES: Provide safety shower and eyewash station in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: None.

pH: 2.0 to 3.4

FLASHPOINT AND METHOD: Will not burn.

LOWER EXPLOSION LIMIT: 0

UPPER EXPLOSION LIMIT: 0

BOILING POINT: 100°C (215.6°F)

SOLUBILITY IN WATER: Complete.

DENSITY: 1.16-1.4 g/cm3

SPECIFIC GRAVITY: 1.17 to 1.25

(VOC): Not applicable.

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable.

CONDITIONS TO AVOID: Avoid extreme temperatures.

POSSIBILITY OF HAZARDOUS REACTIONS: Contact with certain metals (e.g. aluminum, zinc) may form explosive gas mixtures with air.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur oxides, aluminum oxide, hydrogen chloride (HCl)

INCOMPATIBLE MATERIALS: Iron, steel, carbon steel, aluminum, carbon, brass, nylon.

11. TOXICOLOGICAL INFORMATION

RESPIRATORY OR SKIN SENSITISATION: Non-sensitizer.

COMMENTS: None available.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE): This material is not classified as dangerous to the environment.

Notes: Aluminum salts must not be released to rivers and lakes in an uncontroled way and pH variations around 5 - 5.5 should be avoided.

CHEMICAL FATE INFORMATION: Completely soluble.

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

ENVIRONMENTAL DATA: The methods for determining biodegradability are not applicable to inorganic substances.

COMMENTS: Product may lower the pH of water and thus be harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

EMPTY CONTAINER: Containers that cannot be cleaned must be disposed of the same way as the unused product.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive liquid, acidic, inorganic, N.O.S. (Aluminum chloride hydroxide sulfate)

PRIMARY HAZARD CLASS/DIVISION: 8

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UN/NA NUMBER: UN 3264

PACKING GROUP: III

OTHER SHIPPING INFORMATION: DOT exception 173.154 - this product qualifies as a Limited Quantity when inner packaging does not exceed 1.3 gallons.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: None.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components are listed on the TSCA Inventory or are exempt from TSCA Inventory requirements.

CALIFORNIA PROPOSITION 65: There are no chemicals present known to the State of California to cause cancer, birth defects, or any other reproductive harm.

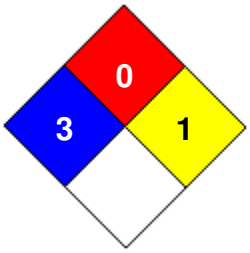
16. OTHER INFORMATION

Date Prepared: 01/17/2023

HMIS RATING

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	

NFPA CODES



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