SAFETY DATA SHEET

Date Issued : 01/17/2023
SDS No. : Clearwater Spa Enzyme

Clear Water Spa Enzyme

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Clear Water Spa Enzyme
GENERAL USE: Enzyme treatment 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 LABEL

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

PRECAUTIONARY STATEMENT(S)

General:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P332+P313: If skin irritation occurs: Get medical advice/attention.
P264: Wash ... thoroughly after handling.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%
Proprietary Blend of Mixed Enzymes	100

COMMENTS: This product is an aqueous solution of mixture of enzymes as the primary mechanism for digesting non-living organics and oil from water. The exact formulation is a trade secret.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

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

INGESTION: Give large amounts of water. Do not induce vomiting. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees. Get immediate medical attention.

INHALATION: If adverse effects occur, remove to uncontaminated area. If symptoms of overexposure occur, get medical attention.

NOTES TO PHYSICIAN: Under normal use and conditions, the product is considered nontoxic and nonhazardous.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water fog or fine water spray, dry chemicals, carbon dioxide, sand or foam.

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

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

LARGE SPILL: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Dispose in accordance with all local, state, and federal regulations.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent entry into waterways, sewers, basements or confined areas. Absorb with liquid-binding materials (sand, universal

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binders, sawdust).

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

7. HANDLING AND STORAGE

HANDLING: Wear appropriate personal protective equipment (PPE). Avoid contact with skin and eyes. Wash hands thoroughly after handling.

STORAGE: Store this product below 120°F (49°C), preferably below 75°F (24°C), in a cool, dry, well ventilated area away from heat, sparks, flame, oxidizers and out of direct sunlight. For best results, use within 12 months.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: General eye protection suggested when handling any chemical product. Eye wash fountain is recommended.

SKIN: Chemical-resistant gloves.

RESPIRATORY: No respirator is required under normal conditions of use.

PROTECTIVE CLOTHING: Protective work clothing.

WORK HYGIENIC PRACTICES: Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild.

APPEARANCE: Clear light amber

pH: 3.5 to 4.0 77°F (25°C)

FLASHPOINT AND METHOD: Not Available

FLAMMABILITY: Not Available

AUTOIGNITION TEMPERATURE: Not Available

VAPOR PRESSURE: <0.01 mm Hg @ 68°F (20°C)

VAPOR DENSITY: Similar to water.

BOILING POINT: > 100°C (212°F)

FREEZING POINT: < 0°C (32°F)

SOLUBILITY IN WATER: Complete.

EVAPORATION RATE: <0.01 *N-butyl acetate = 1

DENSITY: 8.3-8.5 lbs gal

SPECIFIC GRAVITY: 1.00 to 1.02 at 25°C (77°F)

(VOC): Negligible

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: See Section 7.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

INCOMPATIBLE MATERIALS: Strong oxidizing agents, alkalis.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

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NOTES: LD/LC50 values that are relevant for classification: Product has not been tested. Based on the known information of the ingredients, product is expected to have a low order of acute toxcitiy. (>2,000 mg/kg)

SKIN CORROSION/IRRITATION: No irritant effect.

SERIOUS EYE DAMAGE/IRRITATION: May cause discomfort, yet not an eye irritant.

RESPIRATORY OR SKIN SENSITISATION: No sensitizing effects known.

CARCINOGENICITY

IARC: None of the ingredients are listed as carcinogens.

NTP: None of the ingredients are listed as carcinogens.

COMMENTS: None of the ingredients are listed as carcinogens.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Readily biodegradable.

AQUATIC TOXICITY (ACUTE)

96-HOUR LC_{50}: < .59 mg/kg (fathead minnow)

48-HOUR EC_{50}: < .36 mg/kg (daphnia)

COMMENTS: This product contains no PBT/vPvB chemicals.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: NMFC 48580.3 Cleaning/Scouring/Wash Comp Class 55

TECHNICAL NAME: Not Regulated.

AIR (ICAO/IATA)

SHIPPING NAME: Not Regulated.

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Not listed.

313 REPORTABLE INGREDIENTS: No reportable chemicals.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not listed.

CERCLA RQ: No.

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

16. OTHER INFORMATION

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HMIS RATING

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA CODES

