SAFETY DATA SHEET

Date Issued : 01/16/2023
SDS No. : Clearwater Calcium Hardness Pool

Clear Water Calcium Hardness Increaser

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Clear Water Calcium Hardness Increaser
GENERAL USE: Calcium Hardness increaser

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

Serious Eye Damage, Category 2

Health:

Acute Toxicity (Oral), Category 4

GHS LABEL



Exclamation mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H319: Causes serious eye irritation.
H302: Harmful if swallowed.

PRECAUTIONARY STATEMENT(S)

General:

P264: Wash ... thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
7488OIHY: Wear eye/face protection.
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.
P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.
P330: Rinse mouth.
P501: Dispose of contents/container to ...

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Calcium Chloride	74 - 100	10043-52-4
Water	0 - 26	7732-18-5
Sodium Chloride	< 3	7647-14-5
Potassium Chloride	< 3	7447-40-7
Magnesium Chloride	< 0.05	7786-30-3

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4. FIRST AID MEASURES

EYES: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Obtain medical attention if irritation persists.

SKIN: Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.

INGESTION: IF SWALLOWED: Call a POISON CONTROL CENTER or doctor/physician if you feel unwell. Rinse mouth.

INHALATION: Move to fresh air. Get medical attention immediately if symptoms occur.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Avoid generating dust. Under certain conditions may cause respiratory irritation. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

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

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent entry into waterways, sewers, basements or confined areas.

GENERAL PROCEDURES: Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically and collect in suitable container for disposal. Use personal protective equipment.

COMMENTS: Avoid contact with the skin and eyes. Avoid dust formation.

7. HANDLING AND STORAGE

HANDLING: Ensure adquate ventilation. Avoid contact with eyes and skin. Wash thoroughly after handling. Avoid breathing dust. Avoid dust formation.

STORAGE: Keep container tighlty closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	**Type**		**ppm**	**mg/m³**
Calcium Chloride	**OSHA PEL**	**TWA**		
	ACGIH TLV	**TWA**	10 mg/m3 [1]	[1]
	Supplier OEL	**TWA**	10 mg/m3	

Footnotes:
1. For nuisance particulate (inhalable particulate)

ENGINEERING CONTROLS: Local exhaust.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with non-flexible side shields or chemical goggles.

SKIN: Wear appropriate chemical impervious clothing, gloves and boots whenever there is potential for skin contact with product (PVC or Rubber). Launder clothing before reuse. Maintain safety shower at all locations where skin contact is imminent. Contact your local safety equipment supplier to assist the facility in determining proper selection of personal protective equipment for the applications/operations present at your facility. Wear resistant gloves (consult your safety equipment supplier). Discard gloves that show tears, pinholes, or signs of

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wear.

RESPIRATORY: No respirator is required under normal conditions of use. Use of a NIOSH-approved respirator (N95 or greater) should be based on the presence of nuisance dusts.

WORK HYGIENIC PRACTICES: When using, do not eat, drink or smoke. Remove and wash contaminated clothing before reuse. Provide regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: None.

APPEARANCE: White pellet flakes.

pH: Not Available

FLASHPOINT AND METHOD: Not Applicable.

LOWER EXPLOSION LIMIT: 0

UPPER EXPLOSION LIMIT: 0

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

MELTING POINT: 187°C (369°F) to 773°C (1424°F)

SOLUBILITY IN WATER: 40% @ 68 deg F (20 deg C) with evolution of heat

SPECIFIC GRAVITY: 2.15 At 77 degrees F.

10. STABILITY AND REACTIVITY

REACTIVITY: No data available.

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Dust formation.

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine gas.

INCOMPATIBLE MATERIALS: Zinc, Bromine tri-flouride, Methyl vinyl ether.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD_{50}: 2630 mg/kg (rat)

Notes: Calcium Chloride

ORAL LD_{50}: 1000 mg/kg - Rat

Notes: Calcium Chloride

CARCINOGENICITY

NOTES: Contains no ingredients above reportable quantities listed as a carcinogen.

COMMENTS: Likely Routes of Exposure:

Inhalation: May cause irritation of respiratory tract.

Eye Contact: Irritating to eyes.

Skin Contact: May cause irritation to skin.

Ingestion: Harmful if swallowed.

12. ECOLOGICAL INFORMATION

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AQUATIC TOXICITY (ACUTE)

96-HOUR LC_{50}: 10650 mg/L (Lepomis macrochirus)

48-HOUR EC_{50}: 2400 mg/L (Daphnia Magna)

Notes: Calcium Chloride

COMMENTS: Product will not biodegrade or accumulate.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

RCRA/EPA WASTE INFORMATION: This product does meet the criterial of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Not listed.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: No.

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

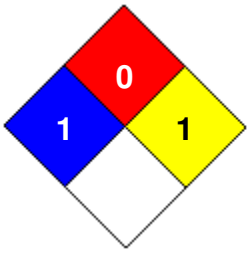
16. OTHER INFORMATION

Date Prepared: 01/16/2023

HMIS RATING

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	

NFPA CODES



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