SAFETY DATA SHEET

Date Issued : 01/16/2023
SDS No. : Clearwater Alkalinity Increaser

Clear Water Alkalinity Increaser

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Clear Water Alkalinity Increaser
GENERAL USE: Alkalinity Increaser
GENERIC NAME: Sodium Bicarbonate; Sodium Hydrogen Carbonate

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

Not a dangerous substance/mixture according to GHS standards

PRECAUTIONARY STATEMENT(S)

General:

8219D4CW: This product is not classified as hazardous according to the Globally Harmonized System.

CARCINOGENICITY: No known effects.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Hydrogen Carbonate	100	144-55-8

4. FIRST AID MEASURES

EYES: Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

INHALATION: Remove to fresh air. If symptoms occur, get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CHRONIC EFFECTS: No known effect.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLAME PROPAGATION OR BURNING RATE OF SOLIDS: Not flammable.

GENERAL HAZARD: No specific hazards.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: 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 spill rinsate from contamination of storm drains, sewers, soil or groundwater.

GENERAL PROCEDURES: Scoop up into dry clean containers. Wash away uncontaminated residue with water.

COMMENTS: Avoid dust formation. Pick up and transfer to properly labeled containers. Ventilate area and wash spill site after material pickup is complete.

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7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use with adequate ventilation.

STORAGE: Store in a cool, dry place away from acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Does not contain any hazardous materials with occupational exposure limits established. Local nuisance dusts apply.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields or goggles.

SKIN: Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

RESPIRATORY: A respirator or dust mask approved by NIOSH/MSHA should be worn when breathing zone cannot be controlled with ventilation.

PROTECTIVE CLOTHING: Body protective clothing and shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: None.

APPEARANCE: White crystalline.

pH: 8.3 (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: N/A

FREEZING POINT: N/A

MELTING POINT: Decomposes

SOLUBILITY IN WATER: 96 g/l at 20°C

DENSITY: 66 lbs. per cubic foot.

SPECIFIC GRAVITY: 2.22

MOLECULAR WEIGHT: 84.01

10. STABILITY AND REACTIVITY

REACTIVITY: None under normal use conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable.

CONDITIONS TO AVOID: Heat, humidity, strong odors.

HAZARDOUS DECOMPOSITION PRODUCTS: Reacts with acids to release carbon dioxide gas and heat.

INCOMPATIBLE MATERIALS: Acids.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ORAL LD_{50}: > 5000 mg/kg - Rat

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INHALATION LC_{50}: > 4.74 mg/L (rat) 4.5 hr.

RESPIRATORY OR SKIN SENSITISATION: Non-sensitizer.

GERM CELL MUTAGENICITY: Non-mutagenic.

CARCINOGENICITY

NOTES: Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not expected to have significant environmental effects.

AQUATIC TOXICITY (ACUTE): Algae (Nitzschia linearis) EC50 = 650 mg/l 120 h

Daphnids EC50 = 2300 mg/l, 48 h
Bluegill LC50 = 8250 - 9000 mg/l
Rainbow Trout LC50 = 7700 mg/l

96-HOUR LC_{50}: 7100 mg/L (Bluegill Sunfish)

48-HOUR EC_{50}: 4100 mg/L (Daphnia Magna)

96-HOUR EC_{50}: 7700 mg/L (Rainbow Trout)

CHEMICAL FATE INFORMATION: Biodegradability does not apply to inorganic substances.

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

COMMENTS: Dissociates into ions.

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).

GENERAL COMMENTS: If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations.

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.

313 REPORTABLE INGREDIENTS: Not regulated.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not regulated.

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: Not hazardous.

REGULATIONS

STATE REGULATIONS: Not regulated.

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

16. OTHER INFORMATION

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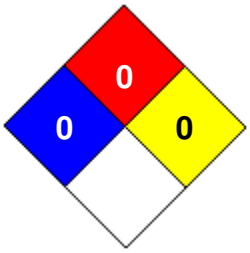
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HMIS RATING

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA CODES



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