SAFETY DATA SHEET

Date Issued : 01/16/2023
SDS No. : Clearwater 3" Jumbo Tabs

Clear Water 3" Jumbo Tabs

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Clear Water 3" Jumbo Tabs
GENERAL USE: Swimming Pool Sanitizer
PRODUCT DESCRIPTION: Swimming Pool Sanitizer
ACTIVE INGREDIENT(S): Trichloro-s-triazinetrione

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:

Acute Toxicity (Oral), Category 4
Acute Toxicity (Inhalation), Category 2 * (See note below **Hazard Statements)**
Skin Corrosion/Skin Irritation, Category 1C
Serious Eye Damage, Category 1
Target Organ Toxicity (Single exposure), Category 3

Environmental:

Acute Hazards to the Aquatic Environment, Category 1
Chronic Hazards to the Aquatic Environment, Category 1

Physical:

Oxidizing Solids, Category 2

GHS LABEL


Flame over circle


Skull and crossbones


Corrosion


Exclamation mark


Environment

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H272: May intensify fire; oxidizer.
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.
H410: Very toxic to aquatic life with long lasting effects.
76078CJQ: H330: Fatal if inhaled. * (*See note below*)

* **NOTE:** This material in the form as sold is not expected to produce respiratory effects. Particles of respirable size are generally not encountered. The respirable fraction is typically less than 0.1% by weight for the granular and extra granular grades. *If ground or otherwise in a powdered form,* effects similar to a corrosive substance may occur. Exposure to the solid product or to free chlorine evolving from the product may cause irritation, redness of upper and lower airways, coughing, laryngeospasm and edema, shortness of breath, bronchoconstriction, and possible pulmonary edema. The pulmonary edema may develop several hours after a severe acute exposure.

PRECAUTIONARY STATEMENT(S)

Prevention:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

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P285: In case of inadequate ventilation wear respiratory protection.
4304ZF6P: Wash exposed skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220: Keep away from clothing and other combustible materials.
P271: Use only outdoors or in a well-ventilated area.

Response:

P330: Rinse mouth.
P391: Collect spillage.
P370+P378: In case of fire: Use ... to extinguish.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P363: Wash contaminated clothing before reuse.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310: Immediately call a POISON CENTER/doctor/...

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store locked up.

Disposal:

P501: Dispose of contents/container to ...

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Trichloro-s-triazinetrione	99	87-90-1

COMMENTS: Synonyms: 1,3,5-Trichloro-1,3,5-triazine-2,4,6(1H,3H,5H-trione; Trichloroisocyanuric Acid

4. FIRST AID MEASURES

EYES: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. See a doctor immediately.

SKIN: Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: Extinguish with large amounts of water. Do not use dry chemicals, carbon dioxide or halogenated agents.

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus in pressure-demand mode and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine, nitrogen trichloride, hydrogen trichloride, nitrogen oxide, and carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Sweep up spill with a dry broom into suitable container for disposal.

RELEASE NOTES: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, or oceans Do not flush into surface water

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or sanitary sewer systems.

COMMENTS: Avoid inhalation and contact with eyes and skin. Use personal protective equipment.

7. HANDLING AND STORAGE

HANDLING: Wear proper protective equipment in order to avoid contact with eyes or skin. Remove and wash contaminated clothing before re-use. Do not breathe vapors/dust. Do not eat, drink or smoke when using this produt. Use only in area with appropriate exhaust ventilation.

STORAGE: Keep product in tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame. Do not store with water, oxidizing agents, alkalies, grease, reducing agents and acids. Keep out of reach of children.

STORAGE TEMPERATURE: Do not store at temperatures above 140°F.

COMMENTS: Incompatible Products: Strong oxidzing agents. Strong bases.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	**Type**		**ppm**	**mg/m³**
Trichloro-s-triazinetrione	**OSHA PEL**	**TWA**	Not Established	Not Established
		STEL	Not Established	Not Established
	ACGIH TLV	**TWA**	Not Established	Not Established
		STEL	Not Established	Not Established
	Supplier OEL	**TWA**	[1]	[1]

Footnotes:
1. The TLV for Chlorine is 0.5 ppm (1.5 mg/m3) TWA and 1ppm STEL.

ENGINEERING CONTROLS: Ventilation systems, eyewash stations, showers.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical safety goggles.

SKIN: Chemical-resistant gloves.

RESPIRATORY: A NIOSH approved respirator with N95 (dust, fume, mist) cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits, or when symptoms have been observed that are indicative of overexposure. The added protection of a full face-piece respirator is required when visible dusty conditions are encountered and eye irritation may occur. Acid gas cartridges with N95 filters are required when fumes or vapor may be generated. A respiratory protection program that meets 29 CFR 1910.134 must be followed whenever workplace conditions warrant use of a respirator.

PROTECTIVE CLOTHING: Wear impervious long-sleeved clothing to minimize skin contact.

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.

OTHER USE PRECAUTIONS: Protective material: Butyl rubber, natural rubber, neoprene, nitrile, polyvinyl chloride (PVC), Tyvek.

COMMENTS: Exposure limits for Air Contaminants (OSHA)

Particulates not otherwise regulated: Total dust; TWA 15 mg/m3; Respirable fraction: TWA 5 mg/m3

Exposure Limits for Air Contaminants (ACGIH)

Particultes (insoluble or poorly soluble) - Respirable Particles: TWA 3 mg/m3; Inhalable Particles: TWA 10 mg/m3

9. PHYSICAL AND CHEMICAL PROPERTIES

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Chemical Name	Solubility in Water	Specific Gravity
Trichloro-s-triazinetrione	1.28 g/100 mg @ 25 deg C	2.07

PHYSICAL STATE: Solid

ODOR: Chlorine-like.

APPEARANCE: White to off-white tablet

pH: 2.8

FLASHPOINT AND METHOD: Not Flammable

LOWER EXPLOSION LIMIT: 0

UPPER EXPLOSION LIMIT: 0

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

BOILING POINT: Not Applicable.

FREEZING POINT: Not Applicable.

MELTING POINT: 225°C (437°F) to 230°C (455°F)

DECOMPOSITION TEMPERATURE: 250°C

SOLUBILITY IN WATER: 1.2 g/100g at 25°C (77°F)

DENSITY: 17.52 at (68°F)

SPECIFIC GRAVITY: 2.1

(VOC): 99

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Product will not undergo hazardous polymerization.

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Protect from moisture. Avoid incompatible products.

POSSIBILITY OF HAZARDOUS REACTIONS: None under normal processing.

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine, nitrogen trichloride, hydrogen chloride, nitrogen oxide, carbon monoxide, carbon dioxide, and nitrogen.

INCOMPATIBLE MATERIALS: Acid, alkali, other chlorine agents, oils/fats, and flammable materials.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD_{50} (rat)
Trichloro-s-triazinetrione	1060 to 1010 Rat 490 mg/kg.

DERMAL LD_{50}: > 2000 mg/kg - Rabbit

ORAL LD_{50}: 809 mg/kg - Rat

INHALATION LC_{50}: > 0.09 to < 0.29 mg/L (4hr) Rat

Notes: This material in the form as sold is not expected to produce respiratory effects. Particles of respirable size are generally not encountered. The respirable fraction is typically less than 0.1% by weight for the granular and extra granular grades. If ground or otherwise in a powdered form, effects similar to a corrosive substance may occur. Exposure to the solid product or to free chlorine evolving from the product may cause irritation, redness of upper and lower airways, coughing, laryngeospasm and edema, shortness of breath, bronchoconstriction, and possible pulmonary edema. The pulmonary edema may develop several hours after a severe acute exposure.

GERM CELL MUTAGENICITY: AMES Test: Negative (*Test substance: monosodium cyanurate*)

Mouse Lymphoma Assay: Negative (*Test substance monosodium cyanurate*)

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CARCINOGENICITY

NOTES: Not classified as a carcinogen by NTP, IARC or OSHA.

REPRODUCTIVE TOXICITY: Not Available

STOT-SINGLE EXPOSURE: Breathing dust or fumes is expected to be a primary route of exposure. May produce throat and respiratory tract irritation.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE)

96-HOUR LC_{50}: 0.22 mg/L (Oryzias latipes)

CHEMICAL FATE INFORMATION: Decomposable in nature.

0% by BOD after 14 days. 7.8% by TOC after 14 days. 5.3% by HPLC after 14 days.

100% in aerobic activated sludge after 8 hours. 100% in anaerobic sludge after 72 hours. 52% - 100% in aerobic activated sludge after 9-23 days.

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

COMMENTS: Do not dispose of wastes into garbage can or garbage dump. This may cause a fire.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

RCRA/EPA WASTE INFORMATION: If this product becomes a waste, it DOES meet the criteria of a hazardous waste as defined under 40 CFR 261 with the following EPA hazardous waste number: D001

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Trichloroisocyanuric Acid Dry

PRIMARY HAZARD CLASS/DIVISION: 5.1

UN/NA NUMBER: UN 2468

PACKING GROUP: II

NAERG: 140

LABEL: 5.1 Oxidizer

OTHER SHIPPING INFORMATION: Ground Shipping DOT exception 173.154 - this product qualifies as a Limited Quantity when inner packaging does not exceed 2.2 lbs and outer packaging does not exceed 66 lbs.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: No reportable chemicals.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not listed

CERCLA RQ: Not listed

REPORTABLE SPILL QUANTITY: N/A (for chlorine RQ=10)

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: CAS No. 87-90-1

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REGULATIONS

STATE REGULATIONS: The ingredient for CAS #87-90-1 is listed on the following state lists:
Massachusetts Right To Know Hazardous Substances List
New Jersey Worker and Community Right to Know Act
Pennsylvania Hazardous Substance List

CALIFORNIA PROPOSITION 65: Not Applicable

CLEAN WATER ACT: No regulated ingredients reportable under the Clean Water Act.

CARCINOGEN: Not Applicable

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Below you will find the hazard information that is required on the EPA pesticide label.

GENERAL COMMENTS: HAZARD INFO FOUND ON TRICHLOROISOCYANURIC ACID LABEL:

DANGER. Hazards to humans and domestic animals.

Corrosive.

Causes irreversible eye damage or skin burns.

May be fatal if absorbed through skin.

May be fatal if inhaled.

Irritating to nose and throat.

Harmful if swallowed.

Toxic to fish and aquatic organisms.

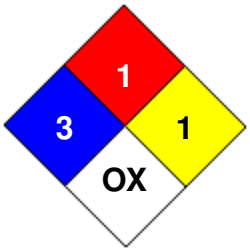
16. OTHER INFORMATION

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HMIS RATING

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	1
PERSONAL PROTECTION	F

NFPA CODES



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