SAFETY DATA SHEET

Date Issued : 01/17/2023
SDS No. : Clearwater Oxidizing Shock 80/20

Clear Water Oxidizing Shock

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Clear Water Oxidizing Shock
GENERAL USE: Oxidizer

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

Acute Toxicity (Oral), Category 4
Skin Irritation, Category 2
Respiratory Sensitization, Category 1
Skin Sensitization, Category 1
Eye Damage, Category 1

GHS LABEL


Corrosion


Exclamation mark


Health hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H318: Causes serious eye damage.
H315: Causes skin irritation.
H302: Harmful if swallowed.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317: May cause an allergic skin reaction.

PRECAUTIONARY STATEMENT(S)

General:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P272: Contaminated work clothing should not be allowed out of the workplace.
P270: Do not eat, drink or smoke when using this product.
P285: In case of inadequate ventilation wear respiratory protection.
P264: Wash ... thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P501: Dispose of contents/container to ...
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P302+P352: IF ON SKIN: Wash with plenty of water/...
P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.
P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P310: Immediately call a POISON CENTER/doctor/...
P330: Rinse mouth.
P362+P364: Take off contaminated clothing and wash it before reuse.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Potassium Monopersulfate Compound	60 - 80	70693-62-8
Sodium Carbonate	10 - 20	497-19-8
Potassium Peroxydisulfate	< 5	7727-21-1

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: Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Call a physician. Wash contaminated 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 immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use extinguishing agent suitable for type of surrounding fire. Use water spray to cool unopened containers.

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

HAZARDOUS DECOMPOSITION PRODUCTS: Formation of toxic gases is possible during heating or fire.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Pick up mechanically. Send for recovery or disposal in suitable receptacles.

LARGE SPILL: Avoid formation of dust. Do not breathe dust. Ensure adequate ventilation. Use PPE as required.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow to enter sewers/ surface or ground water.

GENERAL PROCEDURES: Evacuate area. Use PPE.

7. HANDLING AND STORAGE

HANDLING: Use only in well-ventilated areas. Do not breathe dust. Avoid dust formation in confined areas. Avoid contact with skin and eyes. Keep away from heat and flame. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

STORAGE: Keep ignition sources away - Do not smoke. emergency cooling must be available in case of nearby fire. Keep respiratory protective device available. Any formation of dust which cannot be avoided must be regularly removed.

STORAGE TEMPERATURE: Store away from foodstuffs, reducing agents, flammable substances and metals. Do not store together with textiles. Protect from humidity and water. Keep containers tightly sealed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	**Type**		**ppm**	**mg/m³**
Potassium Monopersulfate Compound	**OSHA PEL**	**TWA**	[1]	[1]
	ACGIH TLV	**TWA**	[1]	[1]
	Supplier OEL	**TWA**	[2]	1 mg/m [2]
Sodium Carbonate	**OSHA PEL**	**TWA**	[3]	[3]
	Supplier OEL	**TWA**	NL	NL
		STEL	NL	NL
Potassium Peroxydisulfate	**ACGIH TLV**	**TWA**	[4]	0.1 [4]
	Supplier OEL	**TWA**	[5]	10 [5]

Footnotes:
1. Not established.
2. 8 & 12 hr. TWA
3. NL = Not Listed
4. TWA as persulfate.
5. 8 hr. TWA

ENGINEERING CONTROLS: No relevant information available.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical safety glasses or goggles. Contact lenses should not be worn.

SKIN: Where there is potential for skin contact, wear impervious gloves, apron, pants and jacket.

RESPIRATORY: Wear a NIOSH approved respirator if levels above the exposure limits are possible.

WORK HYGIENIC PRACTICES:
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Avoid breathing dust.

OTHER USE PRECAUTIONS: Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Granular

ODOR: Odorless

ODOR THRESHOLD: Not Determined.

APPEARANCE: White granular.

COLOR: White

pH: 8.2 to 9.2

FLASHPOINT AND METHOD: Not Applicable.

EXPLOSION LIMITS: Contact with combustible material may cause fire.

AUTOIGNITION TEMPERATURE: Not Determined.

VAPOR PRESSURE: Not Determined.

VAPOR DENSITY: Not Applicable.

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BOILING POINT: Not Determined.

MELTING POINT: Not Determined.

SOLUBILITY IN WATER: 297 to 357 g/l at 22°C (71.6°F)

EVAPORATION RATE: Not Applicable.

DENSITY: 19.61 at 20°C (68°F) 2.35 at 20°C (68°F)

VISCOSITY: Not Applicable.

(VOC): 1

OXIDIZING PROPERTIES: Contains oxidizing agent.

10. STABILITY AND REACTIVITY

REACTIVITY: No relevant information available.

HAZARDOUS POLYMERIZATION: No additional information available.

STABILITY: Stable under normal temperature and pressure.

CONDITIONS TO AVOID: Avoid excessive heat. Decomposes before melting. Reacts with reducing agents.

POSSIBILITY OF HAZARDOUS REACTIONS: Reacts with: Reducing agents, halogenated compounds, organic substances, strong acids and alkali, and various metals.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, Sulfur oxides (SOx) and toxic metal oxide smoke.

INCOMPATIBLE MATERIALS: Reducing agents, strong acids and Alkalis

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ORAL LD_{50}: 802 mg/kg - Rat

Notes: 7727-21-1 Dipotassium Peroxodisulphate.

SKIN CORROSION/IRRITATION: Not corrosive to skin per OECD 435 testing analysis. Irritant to skin and mucous membranes.

SERIOUS EYE DAMAGE/IRRITATION: Strong caustic effect.

RESPIRATORY OR SKIN SENSITISATION: May cause sensitisation by inhalation and skin contact.

GERM CELL MUTAGENICITY: Based on available data, the classification criteria are not met.

CARCINOGENICITY

IARC: None of the ingredients are listed.

NTP: None of the ingredients are listed.

OSHA: None of the ingredients are listed.

REPRODUCTIVE TOXICITY: Based on available data, the classification criteria are not met.

STOT-SINGLE EXPOSURE: Based on available data, the classification criteria are not met.

STOT-REPEATED EXPOSURE: Based on available data, the classification criteria are not met.

ASPIRATION HAZARD: Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Due to available data on eliminability/decomposition and bioaccumulation, potential prolonged term damage of the environment cannot be excluded.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal must be made according to offical regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

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14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

MARINE POLLUTANT #1: No.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not Regulated.

AIR (ICAO/IATA)

SHIPPING NAME: Not Regulated.

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Regulated.

MARINE POLLUTANT #1: No.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Not listed

313 REPORTABLE INGREDIENTS: None of the ingredients are listed.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components are listed on the TSCA Inventory.

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

CANADA

DOMESTIC SUBSTANCE LIST (INVENTORY): All components are on the DSL or NDSL.

16. OTHER INFORMATION

Date Prepared: 01/17/2023

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