

SAFETY DATA SHEET

Date issued : 04/23/2024

SDS number : Regal Oxy Clear Shock - Canada

Regal Oxy Clear Shock

1. Identification

Product identifier: Regal Oxy Clear Shock
Relevant identified uses: Non chlorine shock for swimming pools

Distributor

Alliance Trading, Inc.
109 North Park Blvd., 4th Floor
Covington, LA 70433

Emergency telephone number (24 hour)

24 Hour Emergency Phone Number: 1-888-670-7665

2. Hazard identification

Classification of the substance or mixture

Not classified

Health hazards:

Acute Toxicity (Oral), Category 4
Skin Corrosion/Skin Irritation, Category 1
Serious Eye Damage, Category 1

Environmental hazards:

Not classified

Physical hazards:

Corrosive to Metals, Category 1

Label elements

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).



Corrosion



Exclamation
mark

Signal word: DANGER

Hazard statement(s)

H314: Causes severe skin burns and eye damage.
H302: Harmful if swallowed.
H290: May be corrosive to metals.

Precautionary statement(s)**Prevention:**

7222XWJP: Do not breathe dust
P270: Do not eat, drink or smoke when using this product.
P234: Keep only in original packaging.
P264: Wash ... thoroughly after handling.
7052PC2H: Wear protective gloves, eye protection, protective clothing.

Response:

P390: Absorb spillage to prevent material damage.
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+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P363: Wash contaminated clothing before reuse.

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Storage:

P406: Store in a corrosion resistant/...container with a resistant inner liner.

P405: Store locked up.

Disposal:

3235U44K: P501: Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified: None known.**Comments:** 1.65% of the mixture consists of component(s) of unknown acute oral toxicity.**3. Composition/information on ingredients**

Chemical name	% w/w	CAS No.
Potassium Monopersulfate Compound	80 - 83	70693-62-8
Sodium Carbonate	13 - 16	497-19-8
Potassium Peroxydisulfate	3 - 6	7727-21-1
Magnesium Carbonate (Tetra[carbonato(2-)]dihydroxypentamagnesium	1 - 4	7760-50-1

4. First-aid measures**Eye:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**Skin:** Take off contaminated clothing immediately. Rinse skin with water/shower. Wash contaminated clothing before reuse.**Ingestion:** Rinse mouth. Do NOT induce vomiting.**Inhalation:** If breathing is difficult, remove person to fresh air and keep comfortable for breathing.**Most important symptoms and effects, both acute and delayed****Acute effects:** Burning pain and severe corrosive skin damage. Causes serious eye damage. Dusts may irritate the respiratory tract, skin and eyes. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.**Indication of immediate medical attention and special treatment needed, if necessary:** Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Symptoms may be delayed.**5. Fire-fighting measures****General hazard:** Improper storage of large masses of "OXONE" or blended "OXONE" can trap heat and lead to ignition of combustibles. Grinding or intensive mixing may cause decomposition with liberation of heat and oxygen; ignition of oxidizable material if present may occur.**Suitable extinguishing media:** Water spray**Hazardous combustion products:** Cool containers exposed to flames with water until well after the fire is out.**Other considerations:** Do not use carbon dioxide or other gas-filled fire extinguishers; they will have no effect on decomposing persulfates.**Fire fighting procedures:** In case of fire and/or explosion, do not breathe fumes. Move containers from fire area if can do so without risk. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.**Fire fighting equipment:** Firefighters must wear standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.**Hazardous decomposition products:** During fire, gases hazardous to health may be formed. Will release oxygen when heated, intensifying a fire. Acidic mist may be present; self contained breathing apparatus should be used.**6. Accidental release measures****Small spill:** Sweep up material and place in a disposal container without raising dust. Collect dust using a vacuum cleaner equipped with HEPA filter. Minimize dust generation and accumulation. Prevent entry into waterways, sewers or confined areas.**Environmental precautions****Water spill:** Avoid discharge into drains, water courses or onto the ground.**Special protective equipment:** Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the

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exposure limits. Wear a dust mask if dust is generated above exposure limits. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of dust from the spilled material. Ensure adequate ventilation.

7. Handling and storage

Precautions for safe handling: Keep away from heat/sparks/hot surfaces. No smoking. Take any precaution to avoid mixing with combustibles. Do not breathe dust. Avoid contact with eyes, skin and clothing. Do not taste or swallow. Avoid prolonged exposure. Provide adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Practice good housekeeping.

Conditions for safe storage: Store locked up. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Store in corrosive resistant container with a resistant inner liner. Keep only in the original container. Store in a cool, dry place out of reach of direct sunlight. Keep containers tightly closed in a dry, cool, well-ventilated place. Store away from incompatible materials. Do not store near combustible materials.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
Chemical name	Occupational exposure limit values			
	Type		ppm	mg/m ³
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:

- Not established.
- 8 & 12 hr. TWA
- NL = Not Listed
- TWA as persulfate.
- 8 hr. TWA

Individual protection measures, such as personal protective equipment

Eye / face protection: Chemical splash goggles and face shield.

Respiratory protection: A NIOSH-approved air purifying respirator with an appropriate particulate cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air-supplied respirator if there is any potential of an uncontrolled release, if exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Skin protection - other: Rubber gloves

Occupational hygiene 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.

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9. Physical and chemical properties

Physical state: Granular
Appearance: Granules, Powder
Color: White
Odor: Odorless
pH: 7 to 8
Flash point: Not Available
Relative density: Not Available
Solubility: Not Available
Decomposition temperature: Not Available

10. Stability and reactivity

Reactivity: Do not mix with other chemicals.
Chemical stability: Stable under dry and normal conditions.
Conditions to avoid: Keep away from heat, sparks or open flames.
Hazardous decomposition products: May include and are not limited to: Sulfur oxides. Oxygen.
Incompatible materials: Strong oxidizing agents.

11. Toxicological information

Acute toxicity

Acute dermal toxicity LD₅₀: > 2000 mg/kg, 24 hours, ECHA

Acute oral toxicity LD₅₀: 1287 mg/kg, Rat, ECHA

1204 mg/kg, Rat, ECHA

1129 mg/kg, Rat, ECHA

500 mg/kg, Rat, ECHA

Acute inhalation toxicity LC₅₀: Not Available

Comments: This is solely the Toxicological Information for the main active ingredient, Potassium Monopersulfate Compound, CAS #: 70693-62-8

12. Ecological information

Ecotoxicological information: Not expected to have significant environmental effects.

Aquatic toxicity, both acute and chronic

96-hour LC₅₀: 300 mg/L (Bluegill Sunfish)

48-hour EC₅₀: 265 mg/L (Daphnia Magna)

96-hour EC₅₀: 298.6 mg/L (Water Flea)

Environmental data: No data is available on the degradability of this product.

13. Disposal considerations

Disposal methods: Dispose of in accordance with applicable local, state and federal regulations. Avoid discharge into natural waters.

Empty container: Contaminated Packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Corrosive Solid, Acidic, Inorganic, N.O.S. (monopersulfate compound)

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UN number: UN3260
 Transport hazard class(es): 8
 Packing group, if applicable: II
 DOT other shipping information: Special Provisions: IB8, IP2, IP4, T3, TP33
 Packing Exceptions: 154
 Packaging Non-Bulk: 212
 Packaging Bulk: 240

15. Regulatory information

UNITED STATES

Dot label symbol and hazard classification



Corrosive

SARA Section 311/312 Hazard Categories

311/312 Health hazards: None

311/312 Physical hazards: None

313 reportable ingredients: Not regulated.

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA regulatory: Not listed

TSCA (The Toxic Substances Control Act)

TSCA regulatory: Not listed

Clean air act (hazardous air pollutants): Not regulated.

California Proposition 65: California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Clean water act: Not regulated.

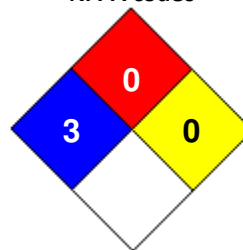
16. Other information

Date Prepared: 04/23/2024

HMIS rating

Health	*	3
Flammability		0
Physical hazard		0
Personal protection	X	

NFPA codes



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