

SAFETY DATA SHEET

Date issued : 06/05/2024

SDS number : Regal CHLOR OUT - Canada

Regal CHLOR OUT

1. Identification

Product identifier: Regal CHLOR OUT

Relevant identified uses: Chlorine Neutralizer

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

Label elements

GHS-US Classification - Not Classified

Emergency overview

Immediate concerns: May irritate skin and respiratory tract. May irritate and/or burn the eyes. Reacts with acids to form toxic and irritating sulfur dioxide gas and/or hydrogen sulfide gas.

Potential health effects

Eye: May irritate or burn the eyes and cause temporary conjunctivitis.

Skin: Prolonged or repeated contact may cause skin irritation.

Ingestion: Ingestion may cause irritation of the gastrointestinal tract and purging, if a large quantity is ingested. Relatively low in acute toxicity.

Inhalation: May cause irritation to the respiratory tract. Additional effects may include coughing and shortness of breath.

Carcinogenicity: Not listed by NTP, IARC or OSHA.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Sodium Thiosulfate Pentahydrate	100	10102-17-7

4. First-aid measures

Eye: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if any adverse effect occurs.

Skin: Remove contaminated clothing. Wash affected area with soap and plenty of water. Wash clothing before reuse. If irritation persists, seek medical attention.

Ingestion: If conscious, immediately give 2 to 4 glasses of water, and induce vomiting by touching finger to back of throat. If irritation persists, get medical attention.

Inhalation: Promptly remove to fresh air. If breathing is difficult, give oxygen provided a qualified operator is available. If symptoms persist, get medical attention.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Explosion hazards: Not considered to be an explosion hazard.

Fire fighting equipment: Wear NIOSH-approved self-contained breathing apparatus to protect against any release of toxic and/or irritating fumes. Skin and eye protection should also be provided. use water-spray to keep fire-exposed containers cool and to knock down fumes.

6. Accidental release measures

General procedures: Promptly shovel or sweep up material with minimum dusting and shovel into an empty container with a cover. Cautiously spray residue with plenty of water.

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7. Handling and storage

Precautions for safe handling: Avoid contact with skin, eyes and clothing. Do not breathe dust or mist with adequate ventilation. Wash thoroughly after handling.

If dissolving and mixing solutions with the pentahydrate material (crystal), the reaction is endothermic and the solution will cool.

Conditions for safe storage: Store in a cool, dry, well-ventilated area away from acids and oxidizing agents. Keep container closed when not in use and protect from physical damage.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
Chemical name	Occupational exposure limit values			
	Type	ppm	mg/m ³	
Sodium Thiosulfate Pentahydrate	OSHA PEL	TWA	Not Established	
	ACGIH TLV	TWA	Not Established	

Appropriate engineering controls: Local exhaust.

Individual protection measures, such as personal protective equipment

Eye / face protection: Wear a hard hat (or other head covering) and chemical safety glasses/goggles. Do not wear contact lenses.

Skin protection - hand protection: Protective gloves.

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

Respiratory protection: Where required, use a NIOSH-approved respirator for dust or mist. If sulfur dioxide and/or hydrogen sulfide gas should be released, use a NIOSH-approved self-contained breathing apparatus or supplied-air respirator.

Skin protection - other: Body protective clothing and shoes.

Occupational hygiene practices: Provide safety shower and eyewash station in the work area.

9. Physical and chemical properties

Physical state: Solid

Appearance: Colorless crystals.

Odor: None.

pH: -8.6

Melting point: 48°C (118°F)

Initial boiling point and boiling range: Not Applicable

Flash point: Not Flammable

Lower explosion limit / flammability limit: 0

Upper explosion limit / flammability limit: 0

Vapor pressure: Not Determined

Relative vapor density: Not Determined.

Density: 1.75

Relative density: 1.685

Solubility: 52 @ 0 deg C

10. Stability and reactivity

Dangerous polymerization: Will not occur.

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Chemical stability: Stable under dry and normal conditions.

Hazardous decomposition products: Sulfur dioxide gas, hydrogen sulfide gas and sodium sulfide residue.

Incompatible materials: Strong oxidizers cause vigorous exothermic reactions. Acids release sulfur dioxide and/or hydrogen sulfide gas.

11. Toxicological information

Comments: None available.

12. Ecological information

Comments: None available.

13. Disposal considerations

Disposal methods: 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).

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Not Regulated.

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA rq: No.

TSCA (The Toxic Substances 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.

16. Other information

Date Prepared: 06/05/2024

Manufacturer disclaimer: Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).