



# REGAL CHLOR OUT

## SECTION 1. IDENTIFICATION

**Product Identifier** REGAL CHLOR OUT  
**Recommended Use** Laboratory chemicals.  
**Manufacturer/Supplier Identifier** Alliance trading inc, 109 North Park blvd, 4th floor, , Covington, LA, 70433, USA  
**Supplier Identifier** Alliance trading inc, 109 North Park blvd, 4th floor, , Covington, LA, 70433, USA  
**Emergency Phone No.** CANUTEC, 1-888-CAN-UTEC (226-8832), 613-996-6666 or \*666 on a cellular phone  
**SDS No.** 0967  
**Date of Preparation** January 01, 2025

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Not classified under any hazard class.

### Label Elements

Not applicable

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Sodium thiosulfate, pentahydrate	10102-17-7	80.00-100		

### Notes

The exact percentage (concentration) of composition has been withheld as a trade secret.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing.

#### Skin Contact

Wash with plenty of water. If skin irritation or a rash occurs, get medical advice or attention.

#### Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

#### Ingestion

Rinse mouth with water. Do not induce vomiting. Get medical advice or attention if you feel unwell.

#### First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

### Specific Hazards Arising from the Product

Does not burn.

### Special Protective Equipment and Precautions for Fire-fighters

Wear fire resistant clothing.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Eliminate all ignition sources if safe to do so.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Avoid generating dust.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Avoid generating dusts. Wash hands thoroughly after handling this material.

### Conditions for Safe Storage

Store in an area that is: cool, dry, separate from incompatible materials (see Section 10: Stability and Reactivity). Store in the original, labelled, shipping container.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Sodium thiosulfate, pentahydrate	Not established		Not established		Not established	

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Ensure that eye stations and safety showers are proximal to the work-station location. Wear chemical protective clothing e.g. gloves, aprons, boots.

#### Respiratory Protection

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

**Appearance** White Granular.

**Odour** Odourless

**pH** 6.0 - 7.5 (1% solution)

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<b>Melting Point/Freezing Point</b>	48 °C (118 °F) (melting)
<b>Relative Density (water = 1)</b>	1.74
<b>Solubility</b>	Soluble in water
<b>Decomposition Temperature</b>	100 °C (212 °F)
<b>Other Information</b>	
<b>Physical State</b>	Solid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

### Conditions to Avoid

High temperatures. Incompatible materials.

### Incompatible Materials

Oxidizing agents (e.g. peroxides), halogens (e.g. chlorine). Silver and mercury salts.

### Hazardous Decomposition Products

Corrosive sulfur oxides; very toxic, flammable hydrogen sulfide.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Sodium thiosulfate, pentahydrate	Not available	> 5000 mg/kg (rat)	Not available

### Skin Corrosion/Irritation

Causes mild skin irritation.

### Serious Eye Damage/Irritation

Causes serious eye irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Vapours and mist will irritate throat and respiratory system and cause coughing.

#### Skin Absorption

May be harmful.

#### Ingestion

Harmful if swallowed. Causes digestive tract burns. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

### Respiratory and/or Skin Sensitization

No information was located.

### Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Sodium thiosulfate, pentahydrate	Not Listed	Not Listed	Not Listed	Not Listed

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## Reproductive Toxicity

### Development of Offspring

Not known to harm the unborn child.

### Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

## Germ Cell Mutagenicity

Not known to be a mutagen.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Studies were not located.

### Persistence and Degradability

No information was located.

### Bioaccumulative Potential

This product and its degradation products are not expected to bioaccumulate.

### Mobility in Soil

No information was located.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Store product for disposal as described under Storage in Section 7 of this safety data sheet. Do not reuse empty containers.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

**Environmental Hazards** Not applicable

### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

This section is not required by WHMIS.

### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

## SECTION 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 1</b>	<b>Flammability - 0</b>	<b>Instability - 0</b>
<b>SDS Prepared By</b>	Technical Manager		
<b>Date of Preparation</b>	January 01, 2025		
<b>Date of Last Revision</b>	January 01, 2025		
<b>Key to Abbreviations</b>	IARC = International Agency for Research on Cancer		

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**References**

CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

**Additional Information**

All information is based upon our current knowledge and experience of our product and is not exhaustive. It applies to the product as defined by the specifications. In case of combinations of mixtures, one must confirm that no new hazards are likely to exist. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product, personal hygiene, and integrity of the work environment. (Unless noted to the contrary, the technical information applies only to pure product). To our actual knowledge, the information contained herein is accurate as of the date of this document. However, neither Lawrason's, Inc. nor any of its affiliates makes any warranty, express or implied, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. The user alone must finally determine suitability of any information or material for any contemplated use in compliance with applicable law, the manner of use and whether any patents are infringed. This information gives typical properties only and is not to be used for specification purposes. Lawrason's Inc. reserves the right to make additions, deletions or modifications to the information at any time without prior notification.

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