

CI Liquid Oxygen Bleach

Chlorine-Free Oxygen Bleach — Laundry and Fabric Care

SAFETY DATA SHEET

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Issue Date: March 1, 2026 | Version: 1.0

HEALTH	FIRE	REACT.	PPE
2	0	1	C

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name: CI Liquid Oxygen Bleach
Product Code: CI-LOB-001
Other Name(s): Oxygen Bleach; Chlorine-Free Bleach
Recommended Use: Oxygen bleach for laundry, fabric care, and colour-safe brightening
Restrictions on Use: Not for personal cleansing. Keep out of reach of children.
Manufacturer / Distributor: Chem International (a division of Aliysha Enterprises Ltd.)
Address: 10770-180 Street NW, Edmonton, AB T5S 2S4
Phone: 1.800.665.7287 | 780.483.8827
Website: www.chemintonline.com
Emergency Number: CANUTEC: 1.888.226.8832

SECTION 2 — HAZARDS IDENTIFICATION

2.1 GHS / WHMIS 2015 Classification

Hazard Class	Category	Hazard Statement
Serious Eye Damage / Irritation	Category 1	H318 — Causes serious eye damage
Acute Toxicity, Oral	Category 4	H302 — Harmful if swallowed
Oxidizing Solids	Category 3	H272 — May intensify fire; oxidizer

2.2 Label Elements

Signal Word: DANGER
Hazard Pictograms: Corrosion / Eye Damage (GHS05) · Exclamation Mark (GHS07) · Flame Over Circle / Oxidizer (GHS03)

DANGER — PRECAUTIONARY STATEMENTS:

Prevention:
Wash hands thoroughly after handling.
Do not eat, drink, or smoke when using this product.
Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
Keep away from clothing and other combustible materials.
Wear protective gloves, protective clothing, and eye/face protection.

Response:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Immediately call a poison centre or physician.
IF SWALLOWED: Call a poison centre or physician if you feel unwell. Rinse mouth.

Disposal:
Dispose of contents/container in accordance with local, provincial, and federal regulations.

2.3 Other Hazards / 2.4 Unknown Acute Toxicity

No physical or health hazards not otherwise classified. Unknown acute toxicity: not applicable.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Concentration (w/w)	CAS No.	Common Name
Sodium percarbonate	45–70%	15630-89-4	Sodium carbonate peroxyhydrate

All hazardous chemicals as determined by applicable Canadian OHS regulations have been listed. Specific chemical identities and/or percentages of minor components withheld as trade secrets in accordance with applicable Canadian regulations.

CHEM INTERNATIONAL | 10770-180 St NW, Edmonton, AB T5S 2S4 | 1.800.665.7287 |
info@chemintonline.com

CI Liquid Oxygen Bleach — SDS

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SECTION 4 — FIRST AID MEASURES

4.1 Description of First Aid Measures

- Inhalation:** Remove person to fresh air immediately. If prolonged exposure has occurred, symptoms may include sore throat, nose bleeds, cough, and nose/throat irritation. Seek medical attention if symptoms persist.
- Skin Contact:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation develops or persists.
- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison centre or physician.
- Ingestion:** Rinse mouth with water. Call a poison centre or physician if you feel unwell. Do NOT induce vomiting unless directed by medical personnel.

4.2 Most Important Symptoms and Effects — Acute and Delayed

- Eyes:** Causes serious eye damage.
- Ingestion:** Harmful if swallowed.
- Inhalation:** Prolonged exposure may cause sore throat, nose bleeds, and chronic bronchitis. At high concentrations: cough, nose and throat irritation.
- Skin Contact:** May cause mild skin irritation.

4.3 Immediate Medical Attention and Special Treatment

Treat symptomatically. Show product label or this SDS to attending medical personnel.

SECTION 5 — FIREFIGHTING MEASURES

- Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.
- Specific Hazards:** Oxidizing solid — may intensify fire. May liberate CO, CO₂, and oxides of sodium upon combustion. Product is not itself flammable but will support combustion of other materials.
- Firefighter PPE:** Wear full protective clothing and self-contained breathing apparatus (SCBA). As for surrounding fire conditions.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Wear appropriate PPE (see Section 8). Isolate hazard area and restrict access.
- Environmental Precautions:** Prevent from entering sewers, waterways, or low-lying areas.
- Small Spills:** Soak up with inert absorbent material and scoop into suitable labelled containers. Clean up residual with absorbent material and flush area with water.
- Large Spills:** Prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material and flush with water.

SECTION 7 — HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Safe Handling: Read and understand all safety precautions before use. Do not eat, drink, or smoke when using this product. Avoid contact with eyes, skin, and clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. Keep away from clothing and other combustible materials. Wash hands thoroughly after handling.

7.2 Conditions for Safe Storage

Storage: Store in a cool, dry area. Keep out of reach of children. Keep away from heat sources, open flames, and combustible materials.

Incompatible Materials: Oxidizers, acids, aluminum, fluorine, lithium, strong mineral acids.

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SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Ingredient	Regulation	OEL
Sodium percarbonate (15630-89-4)	OEL not established	Not available

8.2 Exposure Controls and PPE

Engineering Controls: Provide exhaust ventilation to keep airborne dust levels below recommended exposure limits. Local exhaust ventilation preferred where dust generation is possible.

Respiratory Protection: If exposure exceeds occupational exposure limits, use an appropriate NIOSH-approved respirator. Use P100 particulate filter for dust control during handling.

Eye / Face Protection: Chemical splash goggles and face shield required.

Hand Protection: Chemical-resistant gloves (rubber or nitrile).

Skin and Body: Protective clothing. Wash contaminated clothing before reuse.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Granular powder	Colour	Blue
Odour	Not available	pH (1% solution)	10.3 (alkaline)
Flash Point	Not applicable	Flammability	Oxidizing solid — not flammable, but may intensify fire
Solubility	10%	Density / Relative Density	1.000
Melting / Freezing Point	Not available	Boiling Point	Not available
Auto-ignition Temperature	Not available	Decomposition Temperature	Not available
Vapour Pressure	Not available	Vapour Density	Not available
Log POW (n-octanol/water)	Not available	Particle Characteristics	Not available

SECTION 10 — STABILITY AND REACTIVITY

Reactivity: This material is considered non-reactive under normal use conditions.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Reacts with acids, aluminum, fluorine, lithium, and strong mineral acids.

Conditions to Avoid: Heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking near product.

Incompatible Materials: Oxidizers and acids.

Hazardous Decomposition Products: Not available under normal storage and use conditions.

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SECTION 11 — TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity Data

Ingredient	Test	Species	Result
Sodium percarbonate (15630-89-4)	Oral LD50	Rat	1,034 mg/kg

11.2 Health Effects Summary

Category	Classification / Finding
Acute Toxicity — Oral	Category 4 — Harmful if swallowed
Skin Corrosion / Irritation	May cause mild skin irritation
Serious Eye Damage / Irritation	Category 1 — Causes serious eye damage
Respiratory Sensitization	Not classified
Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not available
Carcinogenicity	Not classified (see Section 2)
Reproductive Toxicity	Not classified (see Section 2)
STOT — Single Exposure	Not classified (see Section 2)
STOT — Repeated Exposure	Not classified (see Section 2)
Aspiration Hazard	Not classified

Inhalation Note

In case of prolonged dust exposure: risk of sore throat, nose bleeds, and chronic bronchitis. At high concentrations: may cause cough and slight nose and throat irritation. Minimize dust generation during handling.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity, persistence and degradability, bioaccumulative potential, mobility in soil, and other adverse ecological effects: no data available for this formulation. Prevent product from entering waterways, storm drains, or sewers.

SECTION 13 — DISPOSAL CONSIDERATIONS

- Waste Disposal:** Disposal of all waste must be done in accordance with local, provincial, and federal regulations including CEPA.
- Container Disposal:** Dispose of container in accordance with local, provincial, and federal regulations. Do not reuse containers for food or beverage purposes.

SECTION 14 — TRANSPORT INFORMATION

Parameter	TDG (Canada)	DOT (USA)
UN Number	UN 1479	UN 1479

Proper Shipping Name	OXIDIZING SOLID, N.O.S. (Sodium carbonate peroxyhydrate)	OXIDIZING SOLID, N.O.S. (Sodium carbonate peroxyhydrate)
Hazard Class	5.1	5.1
Packing Group	III	III
Marine Pollutant	No	No

SECTION 15 — REGULATORY INFORMATION

WHMIS 2015 Classification: Eye Dam. 1 (H318); Acute Tox. Oral 4 (H302); Oxidizing Solids Cat. 3 (H272).

HPR Compliance: This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). This SDS contains all information required by the HPR.

TSCA Status: All components are listed or excluded from listing on the US EPA TSCA inventory.

SARA 313: This product does not contain chemical components in excess of applicable de minimis concentrations under SARA Title III, Section 313 / 40 CFR Part 372.

SECTION 16 — OTHER INFORMATION

Prepared By: Chem International Technical Services

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NFPA Ratings: Health: 2 — Intense or continued exposure could cause temporary incapacitation or residual injury. Fire: 0 — Will not burn under typical fire conditions. Reactivity: 1 — Normally stable but can become unstable at elevated temperatures or react with water.

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