



THIS SDS COMPLIES WITH REACH 1907/2006 AND 2001/58/EC, GHS REVISION 5, OSHA 29CFR 1910.1200

Section 1: Chemical Product & Company Identification

PRODUCT NAMES: Reset Pure ClO₂ Slow Release Sachet (1,000 ft³ to 5,000 ft³)

SYNONYMS: Humidity-Activated ClO₂ Sachet, Slow Release Deodorizing Pouch, Extended Release Deodorizer

RECOMMENDED USE: Commercial oxidative deodorizer; dry precursor media engineered for the passive, humidity-activated release of chlorine dioxide vapor to neutralize ambient chemical malodors (smoke, urine, sulfur, pet, vomit, stale VOCs) in enclosed unoccupied spaces.

USES ADVISED AGAINST: Not for use as a pesticide, fungicide, antimicrobial, or public health disinfectant. Not for direct addition to drinking water. Do not open or puncture the white sachet pouch.

MANUFACTURER'S NAME: ClO₂ Remedies, LLC

ADDRESS: P.O. Box 46017
Las Vegas, NV 89114

Safety Data Sheet Competent Person: gerry@ClO₂Remedies.com

SUPPLIER'S NAME: ClO₂ Remedies, LLC

ADDRESS: P.O. Box 46017
Las Vegas, NV 89114

TELEPHONE NUMBER: 702-907-1598

EMERGENCY TELEPHONE NUMBER: 1-800-424-9300 (CHEMTREC 24 hrs)

Section 2: Hazards Identification

GHS Hazard Class: Acute toxicity, oral (Category 4), H302
 Skin corrosive (Category 1B), H314
 Eye damage (Category 1), H318
 Aquatic acute toxicity (Category 3), H402

GHS Label Elements, Including Precautionary Statements

Pictograms:



Signal word: DANGER

Hazard Statement(s):

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H402	Harmful to aquatic life.

Precautionary Statement(s):

P260	Do not breathe dust, mist.
P264	Wash hands, forearms, and exposed areas thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear eye protection, face protection, protective clothing, protective gloves.

Response:

P301+P312 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a poison center or doctor.
P314	Get medical advice if you feel unwell.
P363	Wash contaminated clothing before reuse.

Storage:

P405	Store locked up.
	Store in original foil overwrap in a cool, dry, well-ventilated area away from direct sunlight, open flame, and incompatible acids.

Disposal:

P501	Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.
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Other Hazards:

Hazards Not Otherwise Classified (HNOC)	The dry product is contained within a sealed, breathable non-woven pouch. Upon exposure to ambient atmospheric moisture/humidity, the sachet slowly generates low-concentration chlorine dioxide gas (ClO ₂). Direct inhalation of elevated chlorine dioxide gas concentrations can irritate mucous membranes and the respiratory tract.
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Section 3: Composition/Information on Ingredients

Product Composition	CAS NO.	Approx. %	Classification (GHS)
Sodium Chlorite	7758-19-2	1 - 5	Ox. Sol. 1, H271 Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation: dust, mist), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Acute 1, H400
Aluminosilicate Carrier (Zeolite)	1318-02-1	> 95	Not Classified (Inert Synthetic Zeolite)

Exact ingredient percentages are withheld as trade secret certified ranges conforming to 40 CFR Part 156 and OSHA 1910.1200. Does not contain free citric acid or unreacted mineral acids.

Toxicity data of the ingredients are demonstrated in Section 11.

Section 4: First Aid Measures

Description of First Aid Measures

General:	Have product container, label, or SDS available when calling a poison center or physician.
Inhalation:	If sachet dust or concentrated ClO ₂ gas is inhaled, immediately remove person to fresh air and keep comfortable for breathing. If breathing is difficult, administer oxygen by trained personnel. If not breathing, call 911 and begin artificial respiration. Seek immediate medical attention.
Skin Contact:	If pouch tears and dry contents contact skin: Brush off loose particles immediately. Rinse skin with copious amounts of water for at least 15 minutes. Take off contaminated clothing and wash before reuse. Seek medical attention if irritation or chemical burns develop.
Eye Contact:	Rinse eyes cautiously with water for at least 15-20 minutes while holding eyelids open. Remove contact lenses after the first 5 minutes if easy to do, then continue rinsing. Call a poison control center or doctor immediately.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Do NOT induce vomiting unless directed by medical personnel. Have conscious patient drink large quantities of water. Immediately call a poison control center or physician.

Most Important Symptoms & Effects, Both Acute & Delayed

Acute:	Dry chemical dust or liquid contact causes severe skin burns and irreversible eye damage. Inhalation of evolved ClO ₂ gas may cause lacrimation, coughing, headache, or respiratory tract irritation.
Delayed:	Prolonged or repeated systemic exposure to sodium chlorite may cause damage to red blood cells and the spleen.

Indication of any Immediate Medical Attention & Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

Section 5: Fire-fighting Measures

Extinguishing Media

Suitable extinguishing media: Water spray, water fog, dry chemical, carbon dioxide (CO₂). Use flooding quantities of water to cool exposed containers and absorb reaction heat.

Unsuitable extinguishing media Heavy, high-pressure water stream (may disperse dust and spread contents).

Special Hazards

Fire Hazard: Not flammable. In a fire or elevated temperatures (> 150°C / 302°F), thermal decomposition of sodium chlorite may release toxic, corrosive vapors including chlorine, chlorine dioxide, and sodium oxides..

Advice for Firefighters

Protective Equipment & Precautions Evacuate non-essential personnel. Firefighters must wear full bunker gear and NIOSH-approved positive-pressure Self-Contained Breathing Apparatus (SCBA). Move undamaged foil packages from fire area if safe to do so.

Section 6: Accidental Release Measures

Personal Precautions & Protective Equipment:

Use personal protective equipment (gloves, safety goggles, lab coat/apron). Avoid breathing dust or gas. Ensure adequate mechanical ventilation. Evacuate personnel upwind from large dry chemical spills.

Environmental Precautions:

Prevent spilled granules from entering storm drains, ditches, municipal sewers, and waterways.

Containment & Clean-Up:

Intact Pouches: If outer packaging is damaged but the white sachet remains sealed, place sachet in clean, dry plastic container for immediate use or disposal.

Ruptured Pouches (Dry Granules): Do not use metal scoops or organic sawdust. Clean up dry powder using clean plastic/non-sparking tools and an inert, non-combustible absorbent. Place into clean, dry, loosely capped plastic containers. Avoid creating airborne dust. Wash the spill area with large quantities of water..

Section 7: Handling & Storage

Precautions for Safe Handling

Do not open, puncture, or cut the white internal sachet pouch. Avoid contact with skin and eyes. Avoid breathing dust or concentrated vapor. Wash hands, arms, and face thoroughly after handling and before eating, drinking, smoking, or using the toilet. Do not mix with liquid acids, bleach, or other cleaning chemicals.

CONDITIONS FOR SAFE STORAGE

Store in original, unopened moisture-barrier foil packaging until time of deployment. Store in a cool, dry, well-ventilated area away from direct sunlight, extreme heat ($> 120^{\circ}\text{F}$ / 49°C), open flames, and sources of ignition. Keep out of reach of children. Store locked up. Protect from exposure to moisture and liquid water prior to activation.

INCOMPATIBILITIES:

Strong acids, strong reducing agents, combustible organic matter, sulfur compounds, and solvents.

Section 8: Exposure Controls/Personal Protection

Exposure Limits:

Aluminosilicate Carrier:

CAS #: 1318-02-1
OSHA PEL: 15 mg/m³ (Total Dust)
ACGIH TLV: 10 mg/m³ (Inhalable)
NIOSH REL: Not Established

Sodium Chlorite:

CAS #: 7758-19-2
OSHA PEL: Not Established
ACGIH TLV: Not Established
NIOSH REL: Not Established

Note: Evolved Chlorine Dioxide Gas (CAS 10049-04-4) Exposure Limits:

- OSHA PEL: 0.1 ppm (0.28 mg/m³) TWA
- ACGIH TLV: 0.1 ppm TWA; 0.3 ppm STEL
- NIOSH REL: 0.1 ppm TWA; 0.3 ppm STEL

Engineering Controls:

When deployed as intended within an enclosed volume, room aeration or mechanical exhaust should be used prior to re-occupying the treated space. Ensure emergency eye wash stations and safety showers are accessible in commercial staging areas.

Individual Protection Measures (PPE):

Eye/Face Protection:	Wear ANSI-approved chemical splash goggles when handling damaged packaging.
Skin Protection:	Wear chemically resistant nitrile, neoprene, or PVC gloves and protective clothing.
Respiratory Protection:	Not required under normal deployment of intact sachets. If internal sachet is ruptured or dust/gas concentrations exceed 0.1 ppm, wear a NIOSH-approved half-face respirator equipped with Organic Vapor/Acid Gas and P100 particulate cartridges.
General Hygiene:	Wash contaminated clothing before reuse. Do not eat, drink, or smoke during deployment.

Section 9: Physical & Chemical Properties

Appearance:	Solid, off-white to pale tan granules enclosed in a white fibrous pouch
Physical State:	Solid granular media
Odor:	Faint chlorine-like odor upon moisture activation
Odor Threshold:	0.1 ppm (for ClO ₂ gas)
Solubility (IES):	Carrier is insoluble in water; active precursor dissolves slowly
pH:	6.5 - 8.5 (as a 1% slurry in water)
Melting Point/Freezing Point:	Not determined (decomposes before melting)
Initial Boiling Point and Boiling Range:	Not applicable
Flash Point:	Not applicable (solid mineral substrate)
Evaporation Rate:	Not applicable
Flammability (Solid, Gas):	Non-flammable; does not sustain combustion

Upper/Lower Explosive Limits:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density (Air = 1):	2.3 (Air = 1 for evolved ClO ₂ gas)
Relative Density (@25oC):	0.70 - 0.90 g/cm ³ (bulk density of media)
Solubility in Water:	Insoluble carrier matrix (>95%); active sodium chlorite salts dissolve slowly
Partition Coefficient: n-octanol/water:	Not applicable (inorganic mixture)
Auto Ignition Temperature:	Not applicable
Decomposition Temperature:	> 150°C (> 302°F)
Viscosity:	Not applicable

Section 10: Stability & Reactivity

Reactivity:	Stable in unopened moisture-barrier foil packaging. Generates controlled amounts of chlorine dioxide gas upon contact with atmospheric humidity.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	Contact of concentrated dry precursor salts with strong mineral acids triggers rapid, uncontrolled release of chlorine dioxide gas.
Conditions to Avoid:	High humidity/water exposure prior to intended deployment, direct sunlight, prolonged storage above 120°F (49°C), and physical puncture of the internal sachet.
Incompatible Materials:	Concentrated acids, chlorine-releasing compounds, organic solvents, combustible materials.
Hazardous Decomposition Products:	Thermal decomposition or uncontrolled acid reaction yields chlorine dioxide gas (ClO ₂), chlorine, and sodium oxides.

Section 11: Toxicological Information

Likely Routes of Exposure: Dermal contact, eye contact, inhalation (if sachet is torn or during confined gas release).

GHS Required Criteria	Toxicity Criteria	Data	Comments	Chemical Constituent
Acute Toxicity	ATE _{mix} (oral)	~3,300 mg/kg	(Category 4)	Product
	ATE _{mix} (dermal)	> 2,000 mg/kg	(Not classified)	Product
	ATE _{mix} (inhalation - dust, mist)	> 5.0 mg/L		Product
	LD ₅₀ Oral, rat	165m mg/kg		Sodium chlorite
	LD ₅₀ Dermal, rabbit	107.2 mg/kg		Sodium chlorite
	LD ₅₀ Inhalation, rat	.23 mg/L (4hr)		Sodium chlorite
	LD ₅₀ Oral, rat	> 5,000 mg/kg		Aluminosilicate Carrier
	LD ₅₀ Dermal, rabbit	> 2,000 mg/kg		Aluminosilicate Carrier
Skin Corrosion / Irritation			Causes severe skin burns if dry chemical contents escape sachet and contact moist tissue.	Product
Serious Eye Damage / Irritation			Causes serious, irreversible eye damage and corneal burns.	Product
Respiratory or Skin Sensitization		Not classified as a sensitizer.		Product
Germ Cell Mutagenicity		Not classified		Product
Carcinogenicity			Not listed as a carcinogen by IARC, NTP, or OSHA. (Synthetic zeolites and sodium chlorite are classified as IARC Group 3: Not classifiable as to human carcinogenicity).	Product
Reproductive Toxicity		Not classified		Product
STOT – Single Exposure		Not classified		Product
STOT – Repeated Exposure			Category 2 (May cause damage to the spleen and hematological systems through prolonged high-level exposure to sodium chlorite).	Product
Aspiration Hazard		Not applicable		Product

ATE_{mix} = Acute Toxicity Estimate of Mixture

STOST = Specific Target Organ Systemic Toxicity

Section 12: Ecological Information

	Environmental Impacts	Chemical Constituents
Toxicity	LC ₅₀ Fish (Brachydanio rerio, 96h): 100 - 500 mg/L	Sodium chlorite
	EC ₅₀ Daphniamagna (48h): 0.026 mg/L	Sodium chlorite
	LC ₅₀ Lepomis macrochirus (96h): > 100 mg/L	Sodium chlorite
	Non-toxic, natural/synthetic inert mineral substrate	Aluminosilicate Carrier
Persistence and degradability:	Evolved ClO ₂ rapidly degrades in air and sunlight into chlorite and chloride ions. The aluminosilicate mineral carrier is inert and persistent.	Product
Bioaccumulative Potential:	Low. Sodium chlorite is inorganic and does not bioaccumulate.	Product
Mobility in soil:	The carrier matrix is immobile in soil. Soluble salts dissolve and absorb readily.	Product
Other adverse effects:	Do not discharge concentrated spent media directly into natural surface waterways.	Product

Section 13: Disposal Considerations

Waste Treatment Methods:

Spent sachet media that has completed its 30-day activation period contains spent mineral zeolite and trace non-hazardous sodium chloride/chlorite residues. Dispose of spent sachets in regular commercial municipal trash in accordance with local regulations.

Unused / Undamaged Product:

If disposing of unreacted, intact product, dispose through an authorized chemical waste contractor. Do not flush down storm drains.

Contaminated Packaging:

Empty outer foil packaging may be disposed of in standard recycling or municipal waste streams.

Section 14: Transportation Information

In accordance with ICAO/IATA/DOT/TDG/IMDG

U.S. DOT (49 CFR Ground Transportation)

Proper Shipping Name:	Not Regulated for Domestic Ground Transport (Manufactured article; active hazardous precursor is diluted to < 5% inside a solid inert mineral matrix and packaged in individual consumer-sized units under 49 CFR § 173.154 Limited Quantity exceptions).
UN Number:	None
Hazard Class:	None
Packing Group:	None

IATA / ICAO (Air Cargo Transportation)

UN Number:	UN1759
Proper Shipping Name:	Corrosive solid, n.o.s. (Contains Sodium Chlorite mixture)
Hazard Class:	8 (Corrosive)
Packing Group:	III
Passenger Aircraft Limit:	25 kg
Cargo Aircraft Limit:	100 kg
Special Provisions:	A3, A803

IMDG (Maritime Vessel Transportation)

UN Number:	UN1759
Proper Shipping Name:	CORROSIVE SOLID, N.O.S. (Sodium Chlorite mixture)
Hazard Class:	8 (Corrosive)
Packing Group:	III
Marine Pollutant:	No (Concentration of sodium chlorite is below 10% marine pollutant threshold)
EmS-No:	F-A, S-B

Section 15: Regulatory Information

U.S. FEDERAL REGULATIONS:

- TSCA: All chemical components (Sodium Chlorite, Aluminosilicate) are listed on the TSCA Active Inventory.
- SARA Section 302 (EHS RQ): No chemicals in this material are subject to the reporting requirements.
- SARA Section 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard.
- SARA Section 313: This product contains no toxic chemicals subject to reporting under SARA Title III.
- FIFRA Exemption: This product is an oxidative deodorizer manufactured and distributed exclusively for the chemical breakdown of abiotic, non-biological malodors[cite: 7]. Regulated as an exempt deodorizer under 40 CFR § 152.10(a)[cite: 7]. Not an EPA-registered pesticide; makes no antimicrobial, biocidal, or public health claims

STATE RIGHT-TO-KNOW REGULATIONS:

- Massachusetts: Sodium Chlorite (CAS # 7758-19-2) Listed[cite: 92].
- New Jersey: Sodium Chlorite (CAS # 7758-19-2) Listed[cite: 92].
- Pennsylvania: Sodium Chlorite (CAS # 7758-19-2) Listed[cite: 92].
- California Proposition 65: This product contains no chemicals known to the State of California to cause cancer, birth defects, or reproductive harm.

Canada

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

WHMIS-Information	
WHMIS Classification for	
Product:	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class E - Corrosive Material

Section 16: Other Information

NFPA 704 Rating:

- Health: 3 (Serious)
- Flammability: 0 (Minimal)
- Instability / Reactivity: 1 (Slight - releases gas when wetted)
- Special Notice: None

HMIS III Rating:

- Health: 3 (Serious)
- Flammability: 0 (Minimal)
- Physical Hazard: 1 (Slight)
- Personal Protection: B (Safety glasses + gloves)

Document Certification:

Revision Number: 1.0 (Reset Slow Release Dedicated Standard)

Prepared By: CLO2 Remedies LLC Regulatory Compliance Group

Date of Issue: October 5, 2026

DISCLAIMER: The information provided in this Safety Data Sheet is accurate to the best of CLO2 Remedies LLC's knowledge, information, and belief at the date of publication. Reset Pure ClO₂ products are commercial oxidative deodorizers intended exclusively for the breakdown and neutralization of chemical and organic malodors (smoke, sulfur, skunk, amine, VOCs, urine, and decay fumes) pursuant to 40 CFR § 152.10(a). Reset makes no biocidal, antimicrobial, pesticidal, or public health claims. This product is not registered or sold as a pesticide under FIFRA. CLO2 Remedies LLC makes no warranties, express or implied, regarding merchantability or fitness for a particular purpose.