1. Identification

Product identifier used on the label

MB-10 Tablets

Product ID: MBTAB (6.0 g tablet); registrant material no. 54147861

Recommended use of the chemical and restriction on use

Recommended use*: Biocide. Disinfectant, virucidal, tuberculocidal, sterilant and food-contact surface sanitizer oxidizing tablets for use in hospitals, medical, dental, industrial, manufacturing and institutional facilities, laboratory animal facilities, clinical and research laboratories, veterinary hospitals and clinics, and animal rearing and confinement facilities.
Recommended use*: Approved only for uses listed on the FIFRA label.

* The “Recommended use” identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company (Distributor):
Quip Laboratories, Inc.
1500 Eastlawn Avenue
Wilmington, DE 19802, USA

Telephone: +1 800.424.2436
Website: www.quiplabs.com
Email: info@quiplabs.com

Registrant: Oxidium Technologies LLC, 1500 Eastlawn Ave, Wilmington, DE 19802, USA

Emergency telephone number

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300 (USA and Canada); +1 703-527-3887 (international, collect calls accepted)

Other means of identification

Registration number:	EPA Reg. No. 70060-19-46269 (distributor product of EPA Reg. No. 70060-19, Aseptrol S10-Tab; registrant Oxidium Technologies LLC)
Chemical family:	Preparation based on: inorganic salts, sodium chlorite, troclosene sodium dihydrate
Synonyms:	Chlorine dioxide release material; Aseptrol S-Tab 10

2. Hazards Identification

According to OSHA Hazard Communication Standard; 29 CFR 1910.1200

Classification of the product

Skin Corr.	1B	Skin corrosion/irritation
Eye Dam.	1	Serious eye damage/eye irritation
Acute Tox.	4 (oral)	Acute toxicity
Aquatic Acute	1	Hazardous to the aquatic environment, acute hazard
Aquatic Chronic	2	Hazardous to the aquatic environment, long-term hazard

Physical hazards: Not classified.
OSHA defined hazards: Not classified. See Hazards not otherwise classified.

Label elements

Pictogram:



Signal Word:
Danger

Hazard Statement:

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

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

Precautionary Statements (Response):

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or 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.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

Precautionary Statements (Storage):

P405	Store locked up. Store in a dry place. Store away from incompatible materials.

Precautionary Statements (Disposal):

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified

Reacts with water or moisture to release chlorine dioxide, a toxic and oxidizing gas.

3. Composition / Information on Ingredients

According to OSHA Hazard Communication Standard; 29 CFR 1910.1200

Sodium chlorite
CAS Number: 7758-19-2
Content (W/W): 20.8%

Sodium dichloroisocyanurate dihydrate
CAS Number: 51580-86-0
Content (W/W): 7.0%

Sodium bisulfate (sodium hydrogen sulfate)
CAS Number: 7681-38-1
Content (W/W): 26.0%

Other ingredients, below classification cut-offs (inorganic salts)
Content (W/W): 46.2%

Composition comments: Refer to product label for active ingredient content. Sodium chlorite is supplied as technical-grade material; the percentage shown is the sodium chlorite content stated on the EPA-accepted label, and the balance of the technical material is included in the other-ingredients line. Ingredients not classified as health hazards are not individually identified.

4. First-Aid Measures

Description of first aid measures

General advice:
Have the product container or label with you when calling poison control center or doctor, or going for treatment. For emergency information on product, use, etc., call the National Pesticides Information Hotline at 1-800-858-7378 or 1-800-222-1222. First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled:
Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

If on skin or clothing:
Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If in eyes:
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed:
Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Corrosive: causes severe skin burns and eye damage. Harmful if swallowed. Chlorine dioxide released on contact with moisture is a respiratory irritant; after inhalation, effects (including pulmonary edema) may be delayed.

Indication of any immediate medical attention and special treatment needed

Treat patient symptomatically.

Note to physician
Probable mucosal damage may contraindicate the use of gastric lavage. After inhalation of decomposition products (chlorine dioxide): pulmonary edema prophylaxis; medical monitoring for at least 24 hours.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
Water in copious (flooding) quantities.

Unsuitable extinguishing media:
Water spray or mist. Carbon dioxide. Dry chemical. Organic compounds (including foams).

Additional information:
If large amounts of the product are involved in a fire, the application of water mist or fog could release enough chlorine dioxide gas in a confined space to present an explosion hazard.

Special hazards arising from the substance or mixture

Upon exposure to water or water vapor, chlorine dioxide gas is released. Chlorine dioxide will dissolve harmlessly in flooding amounts of water.

General fire hazards: Contains oxidizing ingredients (sodium chlorite, sodium dichloroisocyanurate). Contact with combustible, organic or other readily oxidizable materials may intensify a fire.

Hazardous combustion products: Chlorine dioxide. Chlorine. Oxygen (which may intensify fire). Hydrogen chloride. Oxides of carbon.

Advice for fire-fighters

Special protective equipment and precautions for firefighters:
Wear totally enclosed protective clothing and a self-contained breathing apparatus.

Fire-fighting equipment/instructions:
Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Flood with water; cool containers with flooding quantities of water until well after the fire is out.

Explosion data:
Sensitivity to mechanical impact: Not available.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep dry: contact with water or moisture releases chlorine dioxide gas. Avoid dust formation. Ensure adequate ventilation. Keep away from combustible materials. Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS.

Methods and material for containment and cleaning up

Stop the flow of material, if this is without risk. Sweep up or vacuum up spillage without raising dust and collect in a suitable, dry, closed container for disposal. Do not use combustible materials such as sawdust to absorb spillage. Dilute chlorine dioxide solutions (100-200 ppm) do not need to be pH neutralized. For waste disposal, see section 13 of the SDS.

Environmental precautions

Do not discharge into lakes, streams, ponds or public waters. Contain contaminated water and firefighting water; do not discharge into waterways or sewer systems without proper authorization. Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution. Notify proper authorities. Avoid release to the environment.

7. Handling and Storage

Precautions for safe handling

Keep dry until use; releases chlorine dioxide on contact with moisture. Do not get in eyes, on skin, or on clothing. Avoid dust formation and deposition. Provide adequate ventilation; breathing must be protected when large quantities are decanted without local exhaust ventilation. Keep away from combustible, organic or other readily oxidizable materials; contains oxidizing ingredients. Keep away from sources of ignition. Wear appropriate personal protective equipment. Wash thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store tablets in their original unopened foil laminate pouches until time for use. Store in a cool, dry area away from direct sunlight and heat. Keep container tightly closed and dry. Store locked up. Store away from incompatible materials (see Section 10 of the SDS): combustible, organic or other readily oxidizable materials, acids, bases and reducing agents. Do not mix with any other chemicals. Suitable materials for containers: High density polyethylene (HDPE) or Low density polyethylene (LDPE).

8. Exposure Controls/Personal Protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

Control parameters

Occupational exposure limits: No exposure limits have been established for the product or its ingredients as supplied. Chlorine dioxide (CAS 10049-04-4), released on contact with water or moisture:

OSHA Z-1:	PEL 0.1 ppm (0.3 mg/m3) TWA
ACGIH:	TLV 0.1 ppm TWA; 0.3 ppm STEL
NIOSH:	REL 0.1 ppm TWA; 0.3 ppm STEL; IDLH 5 ppm

Dust from broken tablets, as particulates not otherwise regulated:

OSHA Z-1:	PEL 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

Biological limit values: No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Provide adequate exhaust ventilation to control workplace concentrations. Attempts should be made to eliminate all contact with skin and eyes, and to limit inhalation exposure.

Individual protection measures, such as personal protective equipment

Eye/face protection:
Tightly fitting safety goggles (chemical goggles) and a face shield.

Skin protection:
Hand protection: Chemically impervious (chemical resistant) gloves.
Other: Coveralls over long-sleeved shirt and long pants, socks and chemical-resistant footwear. Body protection must be chosen based on level of activity and exposure.

Respiratory protection:
Where dust is generated or chlorine dioxide may be released, wear a NIOSH-certified (or equivalent) respirator with a particulate filter and cartridges approved for chlorine dioxide (or multi-gas cartridges that include chlorine dioxide).

Thermal hazards:
Not available.

General hygiene considerations:
Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Keep away from food, drink and animal feeding stuffs. Avoid contact with the skin and the eyes. Avoid inhalation of dust or vapor.

9. Physical and Chemical Properties

Appearance:	Pressed tablet, 6.0 g, individually foil-wrapped
Physical state:	Solid.
Form:	Tablet.
Color:	White
Odor:	Faint chlorine odor.
Odor threshold:	Not determined due to potential health hazard by inhalation.
pH:	2.8 (1 % in water, 20 °C); acidic
Melting point/freezing point:	120 - 190 °C; the product decomposes.
Initial boiling point and boiling range:	Not applicable.
Pour point:	Not applicable.
Specific gravity:	Not available.
Partition coefficient (n-octanol/water):	Not determined; the product decomposes in water.
Flash point:	Not applicable (hydrolyzes; not tested).
Evaporation rate:	Not applicable; non-volatile solid.
Flammability (solid, gas):	Not a flammable solid (UN Test N.1).
Flammability limit - lower (%):	Not applicable.
Flammability limit - upper (%):	Not applicable.
Explosive limit - lower (%):	Not applicable to the solid. Chlorine dioxide gas: > 10 % (V) (literature data).
Explosive limit - upper (%):	Not applicable.
Vapor pressure:	Negligible.
Vapor density:	Not applicable; non-volatile solid.
Relative density:	Not available.
Solubility(ies):	Reacts with water, releasing chlorine dioxide.
Auto-ignition temperature:	Not self-igniting.
Decomposition temperature:	320 °F (160 °C)
Viscosity:	Not applicable; solid.
Oxidizing properties:	Not classified as an oxidizing solid in tablet form (UN Test O.1 on the 4.0 g tablet of this formulation; larger tablets burn more slowly).
Other information	
Bulk density:	1.61 g/cm3
Particle size:	> 1 mm (tablet)

10. Stability and Reactivity

Reactivity

Upon exposure to water or water vapor, chlorine dioxide gas (toxic, oxidizing) is released. Does not form flammable gases in the presence of water per the Manual of Tests and Criteria, Test N.5. Contains oxidizing ingredients; may accelerate the combustion of combustible materials.

Chemical stability

Stable if stored dry and handled as prescribed.

Possibility of hazardous reactions

Contact with flammable or combustible materials may intensify a fire. Hazardous polymerization does not occur.

Conditions to avoid

Heat. Light and direct sunlight. Sources of ignition. Electrostatic charge. Humidity and moisture. Dust formation and deposition.

Incompatible materials

Water (releases chlorine dioxide). Strong acids. Bases. Reducing agents. Flammable, combustible, organic or other readily oxidizable substances.

Hazardous decomposition products

Chlorine dioxide, on contact with water or moisture. Thermal decomposition (from 160 °C): oxygen and chlorine. In a fire, may also include hydrogen chloride and oxides of carbon.

11. Toxicological information

Primary routes of exposure

Eye, skin contact, inhalation (dust, or chlorine dioxide gas released on contact with moisture), ingestion.

Information on likely routes of exposure

Ingestion:	Harmful if swallowed. Corrosive to the mouth, throat and gastrointestinal tract.
Inhalation:	Chlorine dioxide released on contact with moisture irritates the respiratory tract; may cause coughing, breathing difficulty and delayed pulmonary edema.
Skin contact:	Causes severe skin burns.
Eye contact:	Causes serious eye damage.

Symptoms related to the physical, chemical and toxicological characteristics

Burning pain, redness, blistering and chemical burns of the skin. Eye pain, tearing, redness and permanent eye damage including blindness. Respiratory irritation, coughing and shortness of breath.

Information on toxicological effects

Acute toxicity

Product	Test	Species	Test Results
MB-10 Tablets (CAS Mixture)			
	Dermal LD50	Rat	> 2000 mg/kg (limit test, no mortality)
	Oral LD50	Rat	> 300 - 2000 mg/kg

Components	Test	Species	Test Results
Sodium chlorite (CAS 7758-19-2)			
	Dermal LD50	Rabbit	134 mg/kg
	Inhalation LC50	Not available	
	Oral LD50	Guinea pig	300 mg/kg
		Mouse	350 mg/kg
		Rat	165 mg/kg
Sodium dichloroisocyanurate dihydrate (CAS 51580-86-0)			
	Dermal LD50	Rabbit	> 3160 mg/kg
			> 2000 mg/kg
			11000 mg/kg
	Inhalation LC50	Rat	> 1637.5 mg/m3, 4 hours
			> 1481 mg/m3, 4 hours
			> 847.5 mg/m3, 4 hours
	Oral LD50	Rat	1670 mg/kg
			1420 mg/kg
			620 mg/kg
Sodium bisulfate (CAS 7681-38-1)			
	Dermal LD50	Not available	
	Inhalation LC50	Not available	
	Oral LD50	Rat	2490 mg/kg

Test data on the product as a whole take precedence over ingredient-based estimates (29 CFR 1910.1200 Appendix A, A.1.3.5).

Skin corrosion/irritation
Corrosive to the skin based on test data. Rabbit, 4-hour semi-occlusive exposure (OPPTS 870.2500): corrosion with blanching was observed in all animals at the first observation after patch removal and the study was terminated. Tested as the powder in mineral oil.

Exposure minutes:	240
Erythema value:	4 (all animals, 30 - 60 minutes after patch removal)
Edema value:	3 (all animals, 30 - 60 minutes after patch removal)

Serious eye damage/eye irritation
Causes serious eye damage; the classification follows from skin corrosion under the GHS default, and the tablet itself has not been tested in the eye. A 500 ppm use-dilution (one 1.0 g tablet in 133 mL water) was mildly irritating to rabbit eyes, with all animals free of irritation by 72 hours (OPPTS 870.2400); values below are for the use-dilution.

Corneal opacity value:	0
Iris lesion value:	1 at 1 and 24 hours; 0 from 48 hours
Conjunctival reddening value:	2 at 1 and 24 hours; 1 at 48 hours; 0 at 72 hours
Conjunctival edema value:	1 at 1 hour; 0 from 24 hours
Recover days:	3

Respiratory or skin sensitization

Respiratory sensitization:	Not classified.
Skin sensitization:	Not a contact sensitizer based on test data (Buehler test, guinea pig, 0/20).

Germ cell mutagenicity

Based on the ingredients, there is no suspicion of a mutagenic effect. Sodium chlorite: most of the results from the available studies show no evidence of a mutagenic effect.

Carcinogenicity
No component is listed as a carcinogen by NTP, OSHA or ACGIH.
IARC Monographs. Overall Evaluation of Carcinogenicity:
Sodium chlorite (CAS 7758-19-2): Volume 52 - Group 3, Not classifiable as to its carcinogenicity to humans.

Reproductive toxicity
The product has not been tested. Animal studies on the components (sodium chlorite) gave no indication of a fertility-impairing or developmental toxic effect at doses that were not toxic to the parental animals.

Specific target organ toxicity - single exposure: Not classified.
Specific target organ toxicity - repeated exposure: Not classified.
Aspiration hazard: Not classified.
Chronic effects: Not classified.
Further information: This product reacts with water to form chlorine dioxide; the toxic properties of chlorine dioxide should be considered.
Name of Toxicologically Synergistic Products: Not available.

12. Ecological Information

Toxicity

Ecotoxicity
Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. The hydrolysis products are not acutely harmful to aquatic organisms. Component data are shown below.

Product	Test	Species	Test Results
MB-10 Tablets (CAS Mixture)			
Crustacea	LC50 (48 h)	Daphnia magna	< 1 mg/L

Components	Test	Species	Test Results
Sodium chlorite (CAS 7758-19-2)			
Crustacea	EC50	Daphnia	0.026 mg/L, 48 hours
Sodium dichloroisocyanurate dihydrate (CAS 51580-86-0)			
Crustacea	EC50	Water flea (Daphnia magna)	0.15 mg/L, 48 hours
Fish	LC50	Rainbow trout, Donaldson trout (Oncorhynchus mykiss)	0.29 mg/L, 96 hours
Sodium bisulfate (CAS 7681-38-1)			
Crustacea	EC50	Daphnia	190 mg/L, 48 hours

Persistence and degradability

The product is unstable in water and hydrolyzes rapidly; chlorine dioxide is released. Elimination data refer to the products of hydrolysis, which are well eliminable from water by adsorption on activated sludge.

Bioaccumulative potential

Not expected. Inorganic salts; partition coefficient not applicable.

Mobility in soil

Water-soluble salts; mobile in soil and water. This product has not been tested.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product. Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

13. Disposal considerations

Disposal instructions:
Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Where permitted by the label and applicable regulations, hydrolyze product with an excess of water, using the personal protective equipment described in Section 8, and dispose of in accordance with local authority regulations. Dispose of contents/container in accordance with local/regional/national/international regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA. Do not contaminate ponds, waterways or ditches with chemical or used container. Do not allow this material to drain into sewers/water supplies.

Local disposal regulations:
Dispose in accordance with all applicable regulations.

Hazardous waste code:
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products:
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging:
Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. If recycling is not available, dispose of empty pouch or container in sanitary landfill or by incineration. If burned stay out of smoke. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

Land transport

U.S. Department of Transportation (DOT)

UN number:	UN3096
Proper shipping name:	Corrosive solids, water-reactive, n.o.s. (sodium chlorite, sodium dichloroisocyanurate)
Hazard class:	8
Packing group:	II
Hazard label:	8, 4.3

Transportation of Dangerous Goods (TDG - Canada)

UN number:	UN1759

Proper shipping name:	CORROSIVE SOLID, N.O.S. (SODIUM CHLORITE, SODIUM DICHLOROISOCYANURATE)
Hazard class:	8
Packing group:	II
Hazard label:	8

Sea transport

IMDG

UN number:	UN1759
Proper shipping name:	CORROSIVE SOLID, N.O.S. (SODIUM CHLORITE, SODIUM DICHLOROISOCYANURATE)
Hazard class:	8
Packing group:	II
Hazard label:	8
EmS:	F-A, S-B

Air transport

IATA/ICAO

UN number:	UN1759
Proper shipping name:	Corrosive solid, n.o.s. (sodium chlorite, sodium dichloroisocyanurate)
Hazard class:	8
Packing group:	II
Hazard label:	8

Environmental hazards

Marine pollutant:	Yes (sodium chlorite). Packages containing single or inner packagings of 5 kg net or less are not subject to the marine pollutant provisions (IMDG Code 2.10.2.7); as supplied (individually foil-wrapped tablets) the product is not marked or described as a marine pollutant.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable; packaged solid.

Special precautions for user

Keep dry. Keep away from combustible, organic or other readily oxidizable materials. See Sections 7 and 10. The U.S. DOT description carries a Division 4.3 subsidiary hazard because 49 CFR 173.124(c) includes materials that release toxic gas on contact with water; this subsidiary hazard does not apply under the TDG Regulations (Canada), the IMDG Code or the IATA/ICAO regulations. For domestic transport by highway, rail or aircraft in non-bulk packagings, marine pollutant requirements do not apply (49 CFR 171.4(c)).

15. Regulatory Information

Federal Regulations

US federal regulations:

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Labeling requirements under FIFRA

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels

of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, skin, or on clothing. Harmful if swallowed, absorbed through skin or inhaled. Wear protective goggles or face shield. Wear coveralls, over long-sleeved shirt and long pants, socks, chemical resistant footwear, and rubber gloves. Avoid breathing (dust, vapor, or spray mist). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Handlers applying in an occupation setting must wear gloves.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms.

EPA Reg. No. 70060-19-46269

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated as supplied. Chlorine dioxide (CAS 10049-04-4), released on contact with water, is a listed regulated toxic substance (threshold quantity 1,000 lb).

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance: No

SARA 313 (TRI reporting): Not regulated as supplied. Chlorine dioxide (CAS 10049-04-4), released on contact with water, is a listed toxic chemical (40 CFR 372.65).

EPCRA 311/312 (Hazard categories): Skin corrosion or irritation; Serious eye damage or eye irritation; Acute toxicity (any route of exposure); Hazard not otherwise classified (reacts with water to release toxic gas).

Other federal regulations

Clean Water Act (CWA) Section 311 Hazardous Substances (40 CFR 116.4): Not regulated.

Food and Drug Administration (FDA): Not regulated.

State regulations

US state regulations:

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

US - New Jersey RTK - Substances: Listed substance

Sodium chlorite (CAS 7758-19-2) Listed.

Sodium dichloroisocyanurate dihydrate (CAS 51580-86-0) Listed.

US. Massachusetts RTK - Substance List
Sodium chlorite (CAS 7758-19-2) Listed.
Sodium dichloroisocyanurate dihydrate (CAS 51580-86-0) Listed.

US. Pennsylvania RTK - Hazardous Substances
Sodium chlorite (CAS 7758-19-2) Listed.
Sodium dichloroisocyanurate dihydrate (CAS 51580-86-0) Listed.

US. Rhode Island RTK
Not regulated.

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

NFPA Hazard codes:
Health: 3 Fire: 0 Reactivity: 1 Special: None

HMIS III rating
Health: 3 Flammability: 0 Physical hazard: 0 Personal protection: X

16. Other Information

SDS Prepared by:
Oxidium Technologies LLC (Registrant), for Quip Laboratories, Inc. (Distributor)
SDS Prepared on: 11/03/2026
Source document: Oxidium Technologies LLC SDS OXDM-SDS-54147861-US-EN-01, 10/30/2026

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Date / Revised: 11/03/2026 Version: 01
Date / Previous version: 08/15/2024 Previous version: Quip Laboratories, Inc. SDS

END OF DATA SHEET