

SAFETY DATA SHEET

Section 1. Product And Company Identification

Product Name: CaviWipes™ Bleach

Product Use: Hard surface cleaner and disinfectant wipes. Read and understand the entire label before using. Use only according to label instructions. It is a violation of Federal law to use this product in a manner inconsistent to label instructions.

Manufacturer: METREX® RESEARCH
28210 Wick Road
Romulus, MI., 48174-U.S.A.

Information Phone Number: 1-800-841-1428 (Customer Care)

Chemical Emergency Phone Number (Chemical Spills, Leaks, Fire, Exposure or Accident only):
CHEMTREC 1-800-424-9300 (in the US) 1-703-527-3887 (Outside the US)

SDS Date of Preparation/Revision: April 05, 2022

Section 2. Hazards Identification

GHS / HAZCOM 2012 Classification:

This product is not hazardous according to the OSHA Hazcom 2012 standard (29 CFR 1910.1200)

Label Elements:

Signal Word: None required

Pictogram: None required

Hazard Phrases: None required

Precautionary Phrases: None Required

Section 3. Composition/Information on Ingredients

This product is an aqueous solution impregnated on a polyester wipe.

Component	CAS No.	Amount
Water and non-hazardous ingredients	Mixture	98.5-100%
Sodium Hypochlorite	7681-52-9	<1.5%

Section 4. First Aid Measures

Eye Contact: If contact occurs, flush eyes with large quantities of water, holding the eyelids apart. Get medical attention if irritation persists.

Skin Contact: Wash hands thoroughly with soap and water. If irritation develops, get medical attention.

Inhalation: None normally required. If irritation or symptoms develop, move to fresh air and get medical attention.

Ingestion: Ingestion is unlikely due to product form. If swallowed, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

Most important symptoms and effects, acute and delayed: May cause mild eye irritation. Prolonged skin contact may cause skin irritation.

Indication of immediate medical attention and special treatment, if needed: None required under normal conditions of use.

Section 5. Fire Fighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use any extinguishing media that is appropriate for the surrounding fire.

Specific Hazards Arising from the Chemical: This product will burn once the liquid has evaporated. Combustion may produce carbon and sodium oxides.

Special Protective Equipment and Precautions for Firefighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

Section 6: Accidental Release Measures

Personal precautions, Protective equipment, and Emergency procedures: No special precautions are required for handling clean wipes. When using wipes to clean and disinfect, please follow appropriate universal precautions due to potential pathogens on the surface.

Environmental Precautions: Avoid release to the environment. Report spill as required by local and federal regulations.

Methods and Materials for Containment and Cleaning up: Do not reuse towelette. Pick up wipe and place in an appropriate container for disposal. If used, place in a container for infectious waste disposal. Do not flush in toilet.

Section 7. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes. Wash thoroughly with soap and water after handling. Not for cleaning or sanitizing skin. Do not use as a diaper wipe or for personal cleansing.

This product contains bleach. Do not use this product with other chemicals such as ammonia, toilet bowl cleaners, rust removers, or acid, as this releases hazardous gases.

Conditions for Safe Storage, Including any Incompatibilities: Store this product in a cool, dry area, away from direct sunlight and heat to avoid deterioration. Protect container from physical damage. When not in use, keep container tightly closed to prevent moisture loss.

Section 8. Exposure Controls / Personal Protection

Exposure Limits

Chemical	Exposure Limit
Water and non-hazardous ingredients	None Established
Sodium Hypochlorite	2 mg/m ³ AIHA WEEL

Appropriate Engineering Controls: General ventilation should be adequate for normal use.

Respiratory Protection: None normally required. For operations where the occupational exposures are exceeded, a NIOSH approved respirator with dust/mist cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Hand protection: None required for handling clean wipe. Follow appropriate universal precautions for cleaning surfaces and equipment potentially contaminated with infectious materials.

Eye Protection: None required for handling clean wipe. Follow appropriate universal precautions for cleaning surfaces and equipment potentially contaminated with infectious materials.

Protective Clothing: None required for handling clean wipe. Follow appropriate universal precautions for cleaning surfaces and equipment potentially contaminated with infectious materials.

Hygiene measures: None required for handling clean wipe.

Section 9. Physical and Chemical Properties

Appearance:	Clear, colorless liquid on a polyester towelette	Odor:	Bleach odor
Odor Threshold:	Not available	pH:	10.4 (typical)
Melting/Freezing Point:	32°F (0°C)	Boiling Point/Range:	212°F (100°C)
Flash Point:	Not flammable	Evaporation Rate:	Same as water
Flammability: (Solid, Gas)	Not applicable	Flammability Limits:	Not applicable
Vapor Pressure:	Same as water	Vapor Density:	Not available
Relative Density:	1.04 (typical)	Solubilities:	Complete soluble in water
Partition Coefficient: (N-Octanol/Water)	Not available	Autoignition Temperature:	Not flammable
Decomposition Temperature:	Not available	Viscosity:	Not available

Section 10. Stability and Reactivity

Reactivity: None known.

Chemical Stability: Stable.

Possibility of Hazardous Reactions: None known.

Conditions to avoid: None known.

Incompatible Materials: Avoid contact with strong oxidizing agents, acids, caustics, and ammonia.

Hazardous decomposition products: Carbon and sodium oxides.

Section 11. Toxicological Information

Potential Health Effects:

Inhalation: Not a normal route of exposure with a wipe. Inhalation of vapors may cause irritation of the nose and throat. In an OCSP 870.1300 acute inhalation study, the LC50 for the product was determined to be greater than 2.21 mg/L (Category IV).

Skin Contact: Prolonged skin contact may cause skin irritation with redness and itching. In an OCSP 870.2500 Acute Skin Irritation Study, this product was shown to be minimally irritating to skin (Category IV). In an OCSP 870.1200 Acute Dermal Toxicity in rats, the LD50 in rats was determined to be 5050 mg/kg (Category IV). This product did not cause skin sensitization with guinea pigs in an OCSP 870.2600 skin sensitization study.

Eye Contact: May cause mild irritation with redness and tearing. In an OCSP 870.2400 Acute Eye Irritation Study, this product was shown to be minimally irritating to eye (Category IV)

Ingestion: Ingestion is an unlikely route of exposure for a wipe product. If swallowed, may cause gastrointestinal disturbances including nausea and diarrhea. In an OCSP 870.1100 acute oral toxicity study with rats, the LD50 was determined to be greater than 5000 mg/kg (Category IV).

Chronic Hazards: None expected.

Carcinogen: None of the components are listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH, or OSHA.

Acute Toxicity Values:

Product: Oral rat LD50 >5000 mg/kg (no mortalities), Inhalation rat LC50 >2.2 mg/L/4 hr (no mortalities), Dermal rat LD50 >5050 mg/kg (no mortalities).

Section 12. Ecological Information

Toxicity: No toxicity data available for product.

Sodium Hypochlorite: 96 hr LC50 *Oncorhynchus mykiss* 1.65 mg/L, 48 hr EC50 *daphnia magna* 141 ug/L

Persistence and degradability: Biodegradation is not applicable to inorganic substances.

Bioaccumulative Potential: Not data available. This product is not expected bioaccumulate.

Mobility in Soil: No data available.

Other Adverse Effects: None known.

Section 13. Disposal Considerations

Solution Disposal: Flush thoroughly with large quantities of water into sewage disposal system in accordance with Federal, State, and local regulations.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. If recycling is not available, discard in trash

Section 14. Transport Information

	UN Number	UN Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
US DOT	None	Not Regulated	None	None	None
EU ADR/RID	None	Not Regulated	None	None	None
IMDG	None	Not Regulated	None	None	None
IATA/ICAO	None	Not Regulated	None	None	None

Section 15. Regulatory Information

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.

FIFRA Labeling:

Keep Out Of Reach of Children

This product meets EPA's Toxicity Category IV by all routes of exposure. Therefore a Signal Word, Precautionary Language and First Aid Statement is not required in accordance to EPA Label Review Manual: Chapter 7.

Physical or chemical hazard: This product contains bleach. Do not use this product with other chemicals such as ammonia, toilet bowl cleaners, rust removers, or acid, as this releases hazardous gases.

U.S. Federal Regulations:

EPA SARA 311/312 Hazard Classification: Not Hazardous

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Protection of Stratospheric Ozone: This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

CERCLA SECTION 103: The RQ of this product based on the RQ of sodium hypochlorite of 100 lbs present at 1% maximum is 10,000 lbs. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer and/or reproductive toxicity.

International Inventories

US EPA TSCA Inventory: All of the components of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory or exempt.

Canadian Environmental Protection Act: All of the components in this product are listed on the Domestic Substances List (DSL) or exempt.

Section 16. Other Information

NFPA Rating: Fire: 0 Health: 0 Instability: 0

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Revision Summary: N/A

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