

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : CaviWipes™ Bleach

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Hard surface cleaner and disinfectant wipe
Restrictions on use : Read and understand the entire label before using. Use only according to label directions. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

1.4. Supplier's details

Manufacturer

METREX® RESEARCH
28210 Wick Road
Romulus, MI., 48174-U.S.A.
T 1-800-841-1428 (Customer Service)

1.5. Emergency phone number

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

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. Label elements

GHS US labeling

No labeling applicable

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

CaviWipes™ Bleach

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Sodium hypochlorite	CAS-No.: 7681-52-9	0.91

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.
First-aid measures after skin contact	: Wash skin thoroughly with mild soap and water. Seek medical attention if irritation develops.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs and persists.
First-aid measures after ingestion	: Ingestion is unlikely for solid products. No first aid is required for small amounts transferred from hands to mouth.

4.2. Most important symptoms/effects, acute and delayed

Inhalation	: Not expected to be a primary route of exposure. At high concentrations, the vapors can be irritating to the respiratory system.
Skin	: Repeated or prolonged skin contact may cause irritation.
Eyes	: May cause minor eye irritation.
Ingestion	: Ingestion is not considered a potential route of exposure. Not expected to present a significant ingestion hazard under anticipated conditions of normal use.
Chronic symptoms	: None known.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None.

5.2. Specific hazards arising from the chemical

Fire hazard	: This product is not classified as flammable or combustible. Wipe will burn in fire after water has evaporated.
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO2). Chlorine oxides.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Cool down the containers exposed to heat with a water spray. Exercise caution when fighting any chemical fire.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus and chemically protective clothing.

CaviWipes™ Bleach

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Do not touch or walk on the spilled product.

For non-emergency personnel

Emergency procedures : Avoid prolonged contact with eyes, skin and clothing. Wear suitable protective clothing.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Do not re-use towelette. Pick up wipe and place into a container for disposal. Do not flush down sewers.

Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid prolonged contact with eyes, skin and clothing. Wear personal protective equipment. Avoid breathing vapors. Ensure good ventilation of the work station. Keep away from heat and direct sunlight. Refer to product label for additional information on use and handling. Follow all SDS precautions in Section 13 when handling empty containers.

Incompatible substances or mixtures : 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.

Hygiene measures : Do not eat, drink or smoke when using this product. When using wipes to clean and disinfect, please follow appropriate universal precautions due to potential pathogens on the surface. Always wash hands after handling the product. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in dry, well-ventilated area. Store at room temperature. Do not use or store near heat or open flame. Keep away from heat and direct sunlight. Do not contaminate water, food, or feed by storage or disposal. Protect container from physical damage. Keep containers closed when not in use to prevent moisture loss. Keep away from children.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Sodium hypochlorite (7681-52-9)

USA - AIHA - Occupational Exposure Limits

WEEL STEL	2 mg/m ³
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8.2. Appropriate engineering controls

Appropriate engineering controls : Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

CaviWipes™ Bleach

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
In case of repeated or prolonged contact wear gloves
Eye protection:
Not required for normal conditions of use. Handling product in bulk: Wear safety goggles or other eye protection to prevent eye contact.
Skin and body protection:
None under normal conditions
Respiratory protection:
No respiratory protection needed under normal use conditions

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Liquid impregnated on lint free wipes.
Color	: Colorless
Odor	: Chlorine
Odor threshold	: No data available
pH	: 10.44 Average (Saturant)
Melting point	: No data available
Freezing point	: 0 °C (32°F) (Saturant)
Boiling point	: 100 °C (212°F) (Saturant)
Flash point	: No data available
Flammability (solid, gas)	: Not flammable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 1.035 g/ml (Saturant)
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 0.887 mm ² /s (45°C/ 113°F)(Saturant)
Viscosity, dynamic	: 0.918 cP (45°C/ 113°F)(Saturant)
Explosion limits	: No data available
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

CaviWipes™ Bleach

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

10.3. Possibility of hazardous reactions

Do not mix or allow coming into contact with oxidizing agents. Hazardous chemical reaction may occur. 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.

10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

10.5. Incompatible materials

Keep away from strong acids, strong bases and oxidizing agents. Ammonia.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

CaviWipes™ Bleach

LD50 oral rat	> 5000 mg/kg (Saturant) (US EPA OCSPP 870.1100)
LD50 dermal rat	> 5050 mg/kg (Saturant) (US EPA OCSPP 870.1200)
LC50 Inhalation - Rat	>2.21 mg/L (Saturant) (US EPA OCSPP 870.1300)

Sodium hypochlorite (7681-52-9)

LD50 oral rat	5.23 g/kg (12.5% Sodium hypochlorite solution)
LD50 dermal rabbit	> 20000 mg/kg (12.5% Sodium hypochlorite solution)

Skin corrosion/irritation : Not classified (This product is expected to be slightly irritating to skin based on test data from the OCSPP 870.2500 Acute Skin irritation study which resulted in Toxicity Category IV.)
pH: 10.44 Average (Saturant)

Serious eye damage/irritation : Not classified (This product is expected to be non-irritating to eyes based on test data from the US EPA OCSPP 870.2400 Acute Eye Irritation Study.)
pH: 10.44 Average (Saturant)

Respiratory or skin sensitization : Not classified (No sensitizing reaction was observed for guinea pigs; This product was tested and based on available data, the classification criteria are not met.)

Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified

Sodium hypochlorite (7681-52-9)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

CaviWipes™ Bleach

Viscosity, kinematic	0.887 mm ² /s (45°C/ 113°F)(Saturant)
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Inhalation : Not expected to be a primary route of exposure. At high concentrations, the vapors can be irritating to the respiratory system.
Skin : Repeated or prolonged skin contact may cause irritation.

CaviWipes™ Bleach

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Eyes	: May cause minor eye irritation.
Ingestion	: Ingestion is not considered a potential route of exposure. Not expected to present a significant ingestion hazard under anticipated conditions of normal use.
Chronic symptoms	: None known.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general	: Toxic to aquatic life. Harmful to aquatic life with long lasting effects. Avoid release to the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

Sodium hypochlorite (7681-52-9)	
LC50 - Fish [1]	0.06 mg/l
EC50 - Crustacea [1]	0.141 mg/l Daphnia magna (Water flea)
LC50 - Fish [2]	0.032 mg/l
EC50 - Crustacea [2]	0.035 mg/l Ceriodaphnia dubia
EC50 72h - Algae [1]	0.0183 mg/l Pseudokirchneriella subcapitata
ErC50 algae	0.0365 mg/l Pseudokirchneriella subcapitata
NOEC chronic fish	0.04 mg/l
NOEC chronic crustacea	0.007 mg/l
NOEC chronic algae	0.0021 mg/l

12.2. Persistence and degradability

CaviWipes™ Bleach	
Persistence and degradability	Rapidly degradable

Sodium hypochlorite (7681-52-9)	
Persistence and degradability	Biodegradation is not applicable to inorganic compounds.

12.3. Bioaccumulative potential

Sodium hypochlorite (7681-52-9)	
Partition coefficient n-octanol/water (Log Pow)	-3.42

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: Not classified
Fluorinated greenhouse gases	: No

CaviWipes™ Bleach

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

SECTION 13 Disposal considerations

- Waste treatment methods : Do not contaminate water, food, or feed by storage or disposal. Pesticide Disposal: To avoid wastes, use all material in this container by application to label directions. If wastes cannot be avoided, offer remaining product to waste disposal facility or pesticide disposal program. Do not reuse towelette.
- Product/Packaging disposal recommendations : Towelette Disposal: Dispose of used towelette in trash after use. Do not re-use towelette. Do not flush in toilet. Non-Residential Use Sites: Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or dispose of in a sanitary landfill or by other procedures approved by state and local authorities, Container Handling: Refillable Container. Do not reuse or refill except as described in direction for use. Refill only with this product. Offer for recycling if available or dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Residential Use Sites: Container Handling: Nonrefillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available, Container Handling: Refillable Container. Do not reuse or refill except as described in direction for use. Refill only with this product. Offer for recycling. If recycling is not available, discard in trash.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

TDG

Not regulated

IMDG

Not regulated

IATA

Not regulated

CaviWipes™ Bleach

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

SECTION 15 Regulatory information

15.1. Federal regulations

CaviWipes™ Bleach

SARA Section 311/312 Hazard Classes	Refer to Section 2 for OSHA Hazard Classification.
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All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Sodium hypochlorite (7681-52-9)

CERCLA RQ	100 lb
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FIFRA Labelling

EPA Registration Number	46781-14
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This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

FIFRA Precautionary Statement	Keep out of reach of children.
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FIFRA First Aid	If on skin or clothing: Take off all contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
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FIFRA Physical 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.
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FIFRA Other	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.
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15.2. International regulations

CANADA

Sodium hypochlorite (7681-52-9)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Sodium hypochlorite (7681-52-9)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

CaviWipes™ Bleach

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Component	State or local regulations
Sodium hypochlorite(7681-52-9)	U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16 Other information

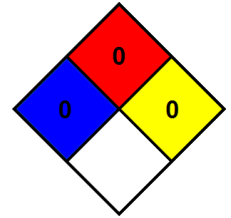
According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Revision date : 01/05/2026

NFPA health hazard : 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Indication of changes:

New format.

Safety Data Sheet (SDS), USA

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