



CAMBRIDGE SENSORS USA, LLC

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MATERIAL SAFETY DATA SHEET

Microdot® Bleach Wipe

EPA REGISTERED

EPA Reg. No. 69687-1-88459

EPA Est. No. 69687-IL-001

Date of Preparation: February 2012

SECTION I

MANUFACTURER INFORMATION

CHEMICAL MANUFACTURER

PRODUCT MANUFACTURER

NAME: JCI JONES CHEMICAL, INC.
ADDRESS: 100 SUNNY SOL BLVD.
CALEDONIA, NY 14423
PHONE: 317-787-8382

MEDTROL, INC.
7157 N. AUSTIN AVENUE
NILES, IL 60714
800-647-7180

EMERGENCY PHONE: 800-446-1014
CAS Number: 7681-52-9
EPA Est. No.: 1744-IN-1
EPA Reg. No.: 1744-20007

CHEMTREC: 800-424-9300

Trade Name: Sunny Sol® Bleach
Formula: NaOCl
Chemical Name: Sodium hypochlorite

SECTION II**HAZARDOUS INGREDIENTS**

<u>Material</u>	<u>% by Weight</u>	<u>CAS No</u>	<u>OSHA Pel</u>	<u>ACGIH TW</u>
Sodium hypochlorite	0.525-0.656	7681-52-9	Not Applicable	Not Applicable
Sodium hydroxide	0.1 – 2.0	1310-73-2	2mg/m ³ ceiling	STEL/CEIL© 2mg/m ³ ceiling
Inert Ingredients	Balance	-----Not Applicable-----		

Carcinogenicity Status: NTP-No, IARC-No, OSHA-No

SECTION III**PHYSICAL DATA**

Appearance:	Clear, pale yellow liquid
Boiling Point:	212° F /100° C (decomposes)
Specific Gravity:	1.083 @ 20° C, 5.33% NaOCL by wt.
Solubility in water:	Complete
pH:	10 - 12
Odor:	Chlorine
Vapor Pressure:	17.5 mm Hg @ 20° C
VAP Density:	Not determined

SECTION IV**FIRE AND EXPLOSIVE HAZARD DATA**

NFPA Hazard Rating: 0

Flash Point: Not Applicable

Flammable Limits: LFL: Not Applicable
UFL: Not Applicable

Auto Ignition Temperature: Not Applicable

Extinguishing Media: Flood with water or Carbon dioxide (CO₂)

In a fire: Cool container/packets to prevent rupture and release of Sodium chlorate. Material is a strong oxidizer. Contact with combustibles may ignite or promote combustion. Acid and heat accelerate decomposition. Decomposition products may include chlorine.

SECTION V**REACTIVITY DATA**

NFPA Hazard Rating: 1

SECTION VI**HEALTH HAZARD DATA**

NAPF Hazard Rating: 0

Routes of Exposure

Inhalation: No adverse effect from fumes

Skin Contact: Not likely to cause irritation to intact skin, gloves are always recommended.

Eye Contact: Can cause moderate irritation with corneal damage. Safety goggles are always recommended.

Ingestion: Harmful if swallowed. May cause irritation of membranes of mouth, throat, and gastrointestinal tract.

Medical conditions that could be aggravated by prolonged exposure to or exposure to high concentrations of vapors and mists: heart conditions or chronic respiratory problems such as asthma, chronic bronchitis or obstructive lung disease.

Not listed as a carcinogen by IARC, NTP, EPA

Carefully open packets and container of Sodium hypochlorite as it may cause bleaching damage to fabrics.

For general safety, wear gloves and safety goggles when cleaning up blood and body fluids, or potentially infectious materials and contaminated environmental surfaces. Goggles are generally not needed when using towelettes saturated with Sodium hypochlorite for disinfecting point of care medical testing equipment.

SECTION VII

FIRST AID

Inhalation: If breathing problems develop, remove to fresh air. Call physician if exposure is severe.

Skin Contact: Wash with plenty of soap and water or shower.

Eye Contact: Flush with water for at least fifteen (15) minutes while holding eyelid open. Get prompt medical attention.

Ingestion: If swallowed, drink large amounts of water. Do not induce vomiting. Call a physician or poison control center immediately.

SECTION VIII

SPILL OR LEAK PROCEDURES

Spills: Large spills from 16 oz. bottle of Sodium hypochlorite should be absorbed and/or containerized. Absorbed material should be disposed of in biohazard waste receptacle in accordance with applicable federal, state, and local regulations. Wash liquid down the sanitary sewer followed by large volumes of water to create a high dilution of Sodium hypochlorite.

Leaks: Isolate leaking product. Absorb and/or containerize. Absorbent material and damaged packet and towelettes should be disposed of in biohazard waste receptacle in accordance with federal, state, and local regulations. Wash liquid down the sanitary sewer followed by large volumes of water to create a high dilution of Sodium hypochlorite.

SECTION IX

EMPLOYEE PROTECTION

Keep out of reach of children.

Ventilation requirements: Good general room ventilation.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

Respiratory: No respiratory protection needed.

Eyes: Avoid eye contact. If risk of eye contact, wear safety goggles, glasses, or splash shield as appropriate.

Skin: For prolonged skin contact, wear chemical resistant nitrile, butyl rubber, or neoprene gloves.

Clothing: Usual and customary uniform appropriate for work environment.

Safety Shower

Eye Wash Fountain

Do not eat, drink, or use toilet facilities while handling Sodium hypochlorite. Wash hands thoroughly with soap and water after contact with Sodium hypochlorite.

SECTION X**SPECIAL PRECAUTIONS AND HAZARDS**

Sodium hypochlorite is a strong oxidizing agent. Mix only with water. Mixing this product with gross filth such as feces, urine, etc. or with ammonia, acids, or detergents or other chemicals may result in hazardous gases that may irritate the eyes, lungs, and mucous membranes.

SECTION XI**STORAGE AND HANDLING**

Store product at room temperature away from direct sunlight, UV light and incompatible materials as described in Section X.

Product stable for at least 12 months after manufactured. See "Expiration Date" on each packet or container of product.

SECTION XII**ADDITIONAL WARNINGS**

This Material Safety Data Sheet was prepared to comply with the Occupational Safety and Health Administration (OSHA) Hazardous Communication Standard (29 CFR 1910.1200). The material contained herein was provided by the manufacturer and is believed to be correct for the products listed on page 1 and not in combination with any other products) see **SECTION X**. Medtrol, Inc. makes no warranty expressed or implied regarding the accuracy of this data. The user is responsible for determining whether these products are suitable for their specific use. The user assumes all risks for their use, handling, and disposal of the product. Medtrol assumes no responsibility for injury from the use of the products tested on page 1 of this MSDS.