SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION				
PRODUCT NAME:	PRODUCT NAME: microdot® BLEACH WIPE			
PRODUCT DESCRIPT	ION: WIPE PRESATURATED WIT	H PRE-DILUTED BLEACH		
TRADE NAME: microdot® BLEACH WIPE		<i>micro</i> dot®		
GENERAL USE: Hospital Disinfectant				
CHEMICAL FAMILY: Sodium hypochlorite		BLEACH WIPE		
PRODUCT DESCRIPTION:				
Bleach disinfectant formula absorbed on towels.		HOSPITAL CLEANER DISINFECTANT TOWELS		
Mild bleach odor.		WITH BLEACH		
MANUFACTURER:	MANUFACTURED FOR:	DATE PREPARED:	September 25, 2012	
MEDTROL, INC.	CAMBRIDGE SENSORS USA,			
	LLC			
ADDRESS:	ADDRESS:	TELEPHONE NUMBER FOR INFORMATION /		
7157 N. AUSTIN AV.	10051 BODE RD.	CUSTOMER SERVICE:		
NILES, IL 60714	PLAINFIELD, IL 60585	877-374-4062		
MEDTROL, INC. ADDRESS: 7157 N. AUSTIN AV.	CAMBRIDGE SENSORS USA, LLC ADDRESS: 10051 BODE RD.	TELEPHONE NUMBER FOR INFORMATION / CUSTOMER SERVICE:		

24-HOUR EMERGENCY TELEPHONE NUMBER:

CHEMTREC 800-424-9300

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTSHazardous Components% (by Weight)CAS#Sodium hypochlorite<1.05%</td>7681-52-9

Notes: * The balance of ingredients not listed above are non-hazardous as defined in the OSHA hazard communication standard 29CFR 1910.1200.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Avoid contact with eyes, skin, and clothing as this product may produce irritation. Do not allow this product to contact acidic materials as hazardous chlorine gas may be released.

POTENTIAL HEALTH EFFECTS

INHALATION:

No adverse effects are anticipated from inhalation.

SKIN:

Normal exposure (contact) is not likely to cause significant skin irritation.

EYES:

Causes moderate eye irritation.

INGESTION:

May cause gastrointestinal irritation and upset.

CARCINOGENICITY:

NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

CALIFORNIA, Prop.65? NO

SECTION 4 - FIRST AID MEASURES

INHALATION:

No specific treatment - suspected hazard by this route is minimal. **Note to Physician**: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

EYES:

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 five minutes, then continue rinsing eyes. Seek medical attention if irritation persists.

SKIN:

Wash with soap and water. No further first aid should be required.

INGESTION:

No specific treatment - suspected hazard by this route is minimal.

PRODUCT NAME: *micro*dot® BLEACH WIPE

PRODUCT DESCRIPTION: WIPE PRESATURATED WITH PRE-DILUTED BLEACH

SECTION 5 – FIRE FIGHTING MEASURES

GENERAL HAZARDS:

Product is minimally flammable FP≥ 101°C (215°F). Chlorine may be released from this product in the presence of acids.

EXTINGUISHING MEDIA:

Water fog, carbon dioxide and dry chemical to fight surrounding fire.

FIRE FIGHTING PROCEDURES:

Wear SCBA when fighting fires involving this as a precaution.

UNUSUAL FIRE AND EXPLOSION:

None.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon Monoxide, Carbon Dioxide, smoke, organic vapors from dried and heated towels in fore conditions.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Isolate damaged goods. Spills should be diluted with water, then absorbed with sand, clay, or earth. Dispose of saturated absorbent materials appropriately since spontaneous heating may occur.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Ventilation: Good general ventilation should be sufficient for most conditions.

Respiratory Protection: No respiratory protection should be needed.

Protective Clothing: No precautions other than clean body covering clothing should be needed. Gloves are

recommended.

Eye Protection: Use safety glasses or equivalent protection to avoid eye contact.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION								
HAZARDOUS COMPONENTS	NIOSH			ACGIH OSHA		A		
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	PEL ppm	PEL mg/m3
Sodium Hypochlorite				10 IDLH		2		2

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

A respiratory protection program that meets OSHA's 29 CFR 1910.134, ANSI Z88.2 requirements must be followed whenever workplace concentrations of this product in air exceed the published TL V's.

PROTECTIVE GLOVES:

Impervious rubber, or nitrile gloves are advised if prolonged or repeated exposure is likely.

EYE PROTECTION:

Use safety glasses with protective side shields to avoid eye contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not required.

WORK / HYGIENIC PRACTICES:

Wash with soap and water after contact.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES				
APPEARANCE AND ODOR	VAPOR PRESSURE			
Clear, colorless solution with a mild bleach odor.	17.5mmHg at 20 "C			
pH	SPECIFIC GRAVITY (WATER = 1)			
10.0-12.0	1.015@25QC.			
BOILING POINT / BOILING RANGE	SOLUBILITY IN WATER			
100"C (212°F)	Completely soluble (for liquid) .			
FLASH POINT	VISCOSITY			
> 1 01 QC (>215QF)	NA			
FLAMMABLE LIMITS	VAPOR DENSITY (AIR = 1)			
LEL: NE UEL: NE	NR			
AUTOIGNITION TEMPERATURE	EVAPORATION RATE (WATER = 1)			
NE	NR			

PRODUCT NAME: *micro*dot® BLEACH WIPE

PRODUCT DESCRIPTION: WIPE PRESATURATED WITH PRE-DILUTED BLEACH

SECTION 10 - STABILITY AND REACTIVITY

STABILITY:

CONDITIONS TO AVOID:

The product is stable under normal use and storage conditions.

Excessive heat and light exposure. Avoid contact with incompatible materials listed in the following section:

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid contact with acids, reducing agents, ammonia, or heavy metals such as nickel, cobalt, copper, and iron.

Reacts with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acids or ammonia containing products to produce hazardous gases, such as chlorine and other chlorinated species.

HAZARDOUS DECOMPOSITION OR BYPRO DUCTS:

Chlorine in the presence of acids.

HAZARDOUS POLYMERIZATION: CONDITIONS TO AVOID: Will not occur. None related to polymerization.

SECTION 11 – TOXICOLOGICAL INFORMATION

SECTION II - TOXICOLOGICAL INFORMATION				
Hazardous Components	CAS#	LD50 of Ingredient	LC50 of Ingredient	
		(Specify Species and Route)	(Specify Species)	
Sodium hypochlorite	7681-52-9	Oral, mouse: $LD50 = 5800 \text{ mg/kg}$	NE	

In the case of medical emergency, contact your local poison control center.

SECTION 12 – ECOLOGICAL INFORMATION

No information is available for this blended product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Isolate damaged goods. Spills should be diluted with water, then absorbed with sand, clay, or earth. Dispose of saturated absorbent materials appropriately since spontaneous heating may occur. Landfill in a permitted waste disposal facility in accordance with all local, state, and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not regulated

DOT HAZARD CLASS I Pack Group: Not regulated IATA HAZARD CLASS / Pack Group: Contact Manufacturer

REFERENCE: 49CFR172, 49CFR173 IMDG HAZARD CLASS: Contact Manufacturer

UN / NA IDENTIFICATION NUMBER: Not Regulated

RID/ADR Dangerous Goods Code: Contact Manufacturer

LABEL: Not Regulated UN TDG Class I Pack Group: Contact Manufacturer

HAZARD SYMBOLS: **NONE**Hazard Identification Number (HIN): Contact Manufacturer

Refer to 49CFR172 and 49CFR173 for pertinent regulations

Listed.

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TOG, and WHMIS (Canada) TOG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance CONTRO ACT):

SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):

Acute Health: Yes Chronic Health: No Fire: No Sudden Release of Pressure: No

Reactive: No

313 REPORTABLE INGREDIENTS: None reportable.

ERCLA (USA - Comprehensive Response Compensation and Liability Act): CAS# 7681-52-9: 100 Ib final RO: 45.4

kg final RQ. CAS# 1310-73-2: 1000 Ib

final RQ; 454 kg final RQ.

PRODUCT NAME: microdot® BLEACH WIPE					
PRODUCT DESCRIPTION: WIPE PRESATURATED WITH PRE-DILUTED BLEACH					
SECTION 16 – OTHER INFORMATION					
Legend: NA=Not Applicable NE=Not established NR=Not Reported					
HMIS HAZARD	HEALTH:	2	0= INSIGNIFICANT		
RATINGS	FLAMMABILITY:	0	1= SLIGHT		
	PHYSICAL HAZARD:	1	2= MODERATE		
	PERSONAL PROTECTIVE	В	3= HIGH		
	EQUIPMENT:	Glasses and gloves	4= EXTREME		
NFPA HAZARD	HEALTH:	0	0= NONE		
RATINGS	FLAMMABILITY:	0	1= SLIGHT / LITTLE		
	REACTIVITY:	1	2= MODERATE		
	SPECIAL HAZARDS:	OX	3= HIGH / SERIOUS		
			4= EXTREME		