



## SAFETY DATA SHEET

### 1. IDENTIFICATION

**Product Name:** Sani-HyPerCide™ Germicidal Spray

**Finished Product Number:** SDS 0251-00

**Formula Item Number:** 40X13101

**EPA Registration Number:** 9480-14

**Date of Preparation:** September 17, 2019

**Recommended use of the chemical and restrictions on use:**

**Recommended use:** Use as a disinfectant on hard, non-porous surfaces. 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 to label directions.

**Restrictions on use:** For professional and hospital use.

**Manufacturer/Supplier:** Professional Disposables International, Inc.  
400 Chestnut Ridge Road  
Woodcliff Lake, NJ 07677

**Emergency Phone Number: PERS:** 1-800-633-8253 (Domestic/Canada)  
1-801-629-0667 (International)

### 2. HAZARD(S) IDENTIFICATION

**GHS Classification:**

Physical	Health	Environmental
Not Classified	Not Classified	Not Classified

**Label Elements:**

None Required

**Hazard Statements:**

Not Required

**Precautionary Statements:**

Not Required

**Other Hazards:** None known.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Acetic Acid	64-19-7	<10%
Hydrogen Peroxide	7722-84-1	4.04%

The specific identity and/or exact percentage of composition has been withheld as a trade secret.

#### 4. FIRST-AID MEASURES

**Description of First Aid Measures:**

**Eye:** Rinse thoroughly with water. Get medical attention if irritation occurs and persists.

**Skin:** No first aid should be required. Wash skin with water. Get medical attention if irritation develops or persists.

**Inhalation:** If symptoms develop move victim to fresh air. Get medical attention if irritation or other symptoms persist.

**Ingestion:** Rinse mouth with water. Do not induce vomiting unless directed to do so by a medical professional. Get medical attention if you feel unwell.

**Most Important Symptoms/Effects, Acute and Delayed:** Direct contact may cause mild eye irritation. Inhalation of mists may cause respiratory tract irritation. Swallowing large amounts of liquid may cause gastrointestinal irritation

**Indication of Immediate Medical Attention and Special Treatment, If Necessary:** None required under normal conditions of use.

#### 5. FIRE-FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Use media appropriate for surrounding fire.

**Specific Hazards Arising From the Chemical:** Combustion may produce oxides of carbon and phosphorus, and phosphine.

**Special Protective Equipment and Precautions for Fire-Fighters:** Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Avoid prolonged contact with eyes. Wear appropriate protective clothing as described in Section 8.

**Environmental Hazards:** Avoid releases to the environment. Report spill as required by local and federal regulations.

**Methods and Materials for Containment and Cleaning Up:** Cover with an inert absorbent material and collect into an appropriate container for disposal. Do not contaminate water, food or feed by storage or disposal.

#### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid prolonged contact with eyes. Avoid breathing mists. Wear protective clothing and equipment as described in Section 8. Wash hands thoroughly with soap and water after use. Remove and wash contaminated clothing before reuse. Keep containers closed when not in use. Refer product

label for additional information on use and handling. Follow all SDS precautions when handling empty containers.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry location away from incompatible materials. Do not store near heat or open flame. Do not freeze or expose to extreme cold for a long period. Do not contaminate water, food or feed by storage or disposal. For containers: Protect container from physical damage. When not in use keep center cap of lid closed to prevent moisture loss.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines:**

Acetic Acid	10 ppm TWA, 15 ppm STEL ACGIH TLV 10 ppm TWA OSHA PEL
Hydrogen Peroxide	1 ppm TWA ACGIH TLV 1 ppm TWA OSHA PEL

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

**Individual Protection Measures, Such As Personal Protective Equipment:**

**Respiratory Protection:** If the exposure levels are excessive, use an approved organic vapor respirator. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with local regulations and good Industrial Hygiene practice.

**Skin Protection:** No special protective equipment required under normal use conditions. If needed, wear protective gloves per facility protocol to avoid skin contact.

**Eye Protection:** No special protective equipment required under normal use conditions. If needed, wear eye protection per facility protocol to avoid eye contact..

**Other:** None required under normal conditions of use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b> Colorless liquid	<b>Flammable limits:</b> LEL: 4.0% (Acetic Acid) UEL: 19.9% (Acetic Acid)
<b>Odor:</b> Mild, vinegar like odor	<b>Vapor pressure:</b> Not available
<b>Odor Threshold:</b> Not available	<b>Vapor density:</b> Not available
<b>pH:</b> 3.5-5.5 (Liquid)	<b>Relative density:</b> 1.032 (Liquid)
<b>Melting point/freezing point:</b> Not available	<b>Solubility(ies):</b> Soluble in water
<b>Boiling point/range:</b> 100°C (212°F) (Liquid)	<b>Partition coefficient (n-octanol/water):</b> Not available
<b>Flash point:</b> >98.5°C (209.3°F)	<b>Auto-ignition temperature:</b> Not available
<b>Evaporation rate:</b> Not available	<b>Decomposition temperature:</b> Not available
<b>Flammability (solid, gas):</b> Not applicable	<b>Viscosity:</b> Not Available

**10. STABILITY AND REACTIVITY**

**Reactivity:** Not reactive under normal conditions of use.

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur. Product may react in contact with strong oxidizing agents.

**Conditions To Avoid:** Keep away from heat and open flames. Avoid contact with other sanitizers, cleaners or organic substances.

**Incompatible Materials:** Avoid contact with strong oxidizing agents, caustics, and fluorines.

**Hazardous Decomposition Products:** Thermal decomposition may produce oxides of carbon and phosphorus, and phosphine.

## 11. TOXICOLOGICAL INFORMATION

### Potential Health Effects:

**Eye:** This product is expected to cause moderate eye irritation based on test data from the OPPTS 870.2400 Acute Eye Irritation Study which resulted in Toxicity Category III. The test data obtained does not meet the criteria of the GHS for eye irritancy.

**Skin:** Prolonged contact may cause minimal skin irritation. This is based on test data from the OPPTS 870.2500 Acute Skin irritation study which resulted in Toxicity Category IV (minimal irritant).

**Inhalation:** Inhalation of high concentrations of mists may cause upper respiratory tract irritation.

**Ingestion:** Swallowing large amounts of liquid may cause gastrointestinal irritation.

**Chronic Effects:** None known.

**Carcinogenicity:** None of the components of this product are listed as a carcinogen or suspected carcinogen by OSHA, IARC, and NTP.

**Reproductive Effects:** Reproductive harm is not expected from this product.

**Mutagenic Effects:** Not expected to cause mutagenic activity.

### Acute Toxicity:

The following values are based on OPPTS Test Data:

Oral rat LD50: >5000 mg/kg, Inhalation rat LC50: >2.28 mg/L/4hr (no mortality), Dermal rabbit LD50: >5000 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available for this mixture. The following data is for the individual components:  
Hydrogen Peroxide: 96 hr LC50 Fathead minnow: 16.4 mg/L, 48 hr EC50 Daphnia carinate: 2-5.6 mg/L, 21 days NOEC Daphnia magna: 0.63 mg/L

This product is expected to be toxic to the aquatic environment with long-term adverse effects. Releases to the environment should be avoided.

**Persistence and Degradability:** Hydrogen Peroxide: Readily biodegradable.

**Bioaccumulative Potential:** No data available

**Mobility in Soil:** No data available

**Other Adverse Effects:** None known.

## 13. DISPOSAL CONSIDERATIONS

**For non-refillable containers:** Do not reuse or refill this container. Recycle empty container or discard in trash.

**For refillable containers:** Rinse cracked or broken containers and offer for recycling. If recycling is not available, discard in trash.

**14. TRANSPORT INFORMATION**

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
US DOT, IMDG, IATA	None	Not Regulated	None	None	Not applicable

**Special precautions:** None known

**15. REGULATORY INFORMATION**

**Safety, Health, and Environmental Regulations Specific for the Product In Question:**

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  
CAUTION PRECAUTIONARY  
STATEMENTS**

**Hazards to Humans & Domestic Animals**

**Caution:** Causes moderate eye irritation. Avoid contact with eye and clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

**Physical or chemical hazard:** This product contains an oxidizing agent. Avoid contact with other sanitizers, cleaners or organic substances.

**CERCLA 103 Reportable Quantity:** This product has an RQ of 50,000 lbs (based on the RQ of Acetic Acid of 5,000 lbs present at <10%). Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

**SARA TITLE III:**

**Hazard Category for Section 311/312:** See OSHA Hazard Classification in Section 2.

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

**Section 302 Extremely Hazardous Substances (TPQ):** None

**EPA Toxic Substances Control Act (TSCA) Status:** This product is a EPA Registered product #9480-14. However, all of the ingredients of this product are listed on the TSCA inventory.

**STATE REGULATIONS:**

**California Proposition 65:** This product does not contain substances known in the State of California to cause cancer and/or reproductive harm.

**Massachusetts RTK:** Acetic Acid and Hydrogen Peroxide are listed.

**Pennsylvania RTK:** Acetic Acid and Hydrogen Peroxide are listed.

**Rhode Island RTK:** Acetic Acid is listed.

**New Jersey RTK:** Acetic Acid and Hydrogen Peroxide are listed.

**16. OTHER INFORMATION**

**HMIS Ratings:** Health – 1

Flammability – 0

Physical Hazard - 0

**NFPA Ratings:** Health – 0

Flammability – 0

Instability – 0

**SDS Revision History:** Updated Section 12, 14, and 15.  
Updated Section 7, 8, and 9.

**Date of preparation:** September 17, 2019

**Date of last revision:** December 02, 2019