

1. IDENTIFICATION

Product Name: Sani-HyPerCide™ Germicidal Spray

Finished Product Number: SDS 0251

Formula Item Number: 40X13101

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 |
|----------------|----------------|
| 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 area, away from direct sunlight. Do not store near heat or open flame. Protect container from physical damage.

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: For prolonged exposure, use impervious gloves to prevent skin contact.

Eye Protection: Wear safety goggles or other eye protection if splashing or exposure to spray mists is possible.

Other: None required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

Date of preparation: September 17, 2019

Date of last revision: August 26, 201

