

1. IDENTIFICATION

Product Name: Sani-HyPerCide
Germicidal Spray

SDS 0251-00 English

Date of Preparation: September 7, 2017

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: Nice-Pak/PDI, Inc.
Two Nice-Pak Park
Orangeburg, NY 10962-1376

Phone Number: 1-845-365-1700

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
Non-Hazardous Components	Mixture	80-90%
Acetic Acid	64-19-7	<10%
Hydrogen Peroxide	7722-84-1	4.04%

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 persists.

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.

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: 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:

Non-Hazardous Components	None Established
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: Fruity 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: 36.94°C (98.5°F)	Auto-ignition temperature: Not available
Evaporation rate: Not available	Decomposition temperature: Not available
Flammability (solid, gas): Not applicable	

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: No adverse effects are expected.

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:

No toxicity data available for the mixture. The following toxicity data is for the individual components:

Non-Hazardous Components: Not toxic

Acetic Acid: Oral rat LD50: 3310 mg/kg, Inhalation rat LC50: 11.4 mg/L/4hr (as vapor)

Hydrogen Peroxide: Oral rat LD50: 693.7-1026 mg/kg (70% solution), 1193-1270 mg/kg (35% solution), >5000 mg/kg (10% solution), Skin rabbit LD50: >2000 mg/kg

Product ATE: >2000 mg/kg (oral), >20 mg/L (inhalation)

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 not expected to be harmful to the aquatic environment.

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
IMDG	None	Not Regulated	None	None	Not applicable
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: Not Hazardous

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 an EPA Registered product. 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

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