SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: Sani-Cloth® Prime Germicidal Disposable Wipe (Canister) **SDS 0240-00**

Finished Product Number: N/A

Formula Item Number: 4OP25301

Date of Preparation: July 17, 2018

Recommended use of the chemical and restrictions on use:

Recommended use: Use as a disinfectant on hard, nonporous 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

This product is a clear, colorless liquid with a alcohol odor impregnated on multiple wipes in a canister. There is a small amount of liquid on the wipes and small amount of free liquid in the canisters.

GHS Classification:

Physical	Health	Environmental
Flammable Liquid Category 3	Acute Toxicity Category 4 Eye Irritant Category 2A Specific Target Organ Toxicity Single Exposure Category 3	Not Classified

Label Elements:

Warning!



Hazard Statements:

Flammable liquid and vapor.
Causes serious eye irritation.
Harmful if inhaled.
May cause drowsiness or dizziness.

Precautionary Statements:
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Avoid breathing vapors.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear eye protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
In case of fire: Use water fog, alcohol-resistant foam, carbon dioxide and dry chemical to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents and container in accordance with local and national regulations.

Other Hazards: None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Isopropanol	67-63-0	28.7%
Ethyl Alcohol (Ethanol)	64-17-5	27.3%
Didecyl dimethyl ammonium chloride	7173-51-5	0.61%

4. FIRST-AID MEASURES

Description of First Aid Measures:

Eye: Immediately flush eyes with water for 15 minutes, while holding the eye lids open to be sure the material is washed out. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Get medical attention if irritation 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: Ingestion is unlikely for solid products. If the free liquid is swallowed, rinse mouth with water. Do not induce vomiting unless directed to do so by a medical professional. Get medical attention if you fell unwell.

Most Important Symptoms/Effects, Acute and Delayed: Direct contact with liquid may cause moderate eye irritation. Direct or prolonged inhalation of high concentration of vapors may cause upper respiratory tract irritation and central nervous system effects. 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 water fog, alcohol-resistant foam, carbon dioxide and dry chemical.

Specific Hazards Arising From the Chemical: This product is a solid saturated with a flammable liquid and will burn under fire conditions. Vapors are heavier than air and may flow along surfaces to remote ignition sources and flash back. Combustion may produce oxides of carbon, nitrogen, and ammonia. Flammable vapors may be invisible in daylight.

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 runoff.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Remove all ignition sources such as open flames, spark producing equipment, pilot lights, etc. Avoid contact with eyes. Wear appropriate protective clothing as described in Section 8. Avoid breathing vapors.

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

Methods and Materials for Containment and Cleaning Up: Do not reuse towelette.Pick up wipe and place in an appropriate container for infectious waste disposal. Do not flush in toilet. For free liquid, collect using inert absorbent materials and place in an appropriate container for disposal. Use non-sparking tools and equipment.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes. Avoid breathing vapors. Wash hands with soap and water after use. Keep product away from heat, sparks, flames and all other sources of ignition. Keep containers closed when not in use. Refer to product label for additional information on use and handling. Follow all SDS precautions in Section 13 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 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:

Isopropanol	200 ppm TWA, 400 ppm STEL ACGIH TLV 400 ppm TWA OSHA PEL
Ethyl Alcohol	1000 ppm STEL ACGIH TLV

	1000 ppm TWA OSHA PEL
Didecyl dimethyl ammonium chloride	None Established

Appropriate Engineering Controls: General ventilation is adequate under normal conditions of use. Refer product label for additional information.

Individual Protection Measures, Such As Personal Protective Equipment:
Respiratory Protection: None required for normal use. In case of insufficient ventilation, wear suitable respiratory equipment. Refer to product label for additional information.
Skin Protection: Use impervious gloves or follow facility requirements to prevent prolonged skin contact.
Eye Protection: If needed, wear safety goggles or other eye protection per facility protocol to avoid eye contact.
Other: None required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colorless liquid impregnated on a lint free wipe	**Flammable limits: LEL:** 2.5% (Isopropanol) **UEL:** 19.0% (Ethanol)
Odor: Alcohol odor	**Vapor pressure:** Not available
Odor Threshold: Not applicable	**Vapor density:** Not available
pH: 8.0-11.5 (Saturant)	**Relative density:** 0.875-0.923 @25°C (77°F) (Saturant)
Melting point/freezing point: Not available	**Solubility(ies):** Soluble in water (Saturant)
Boiling point/range: 78°C (172.4°F) (Ethanol)	**Partition coefficient (n-octanol/water):** Not available
Flash point: 25°C (77°F) (Saturant)	**Auto-ignition temperature:** 363°C (685.40°F) (Ethanol)
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.
Conditions To Avoid: Keep away from heat, sparks, flames and other sources of ignition.
Incompatible Materials: Avoid contact with strong oxidizing agents and anionic surfactants.
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon, nitrogen, and ammonia.

11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: This product is expected to cause moderate irritation to eyes based on test data from the OPPTS 870.2400 Acute Eye Irritation Study which resulted in Toxicity Category II.

Skin: Prolonged contact may cause minimal irritation with drying and dermatitis. This is based on test data from the OPPTS 870.2500 Acute Skin irritation study which resulted in Toxicity Category IV.

Inhalation: Inhalation of high concentrations of vapors may cause upper respiratory tract irritation, headache, dizziness, drowsiness, confusion, and other central nervous system effects.
Ingestion: Ingestion is unlikely for solid products. This product contains only a small amount of liquid. No adverse effects are expected. Swallowing the free liquid may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Chronic Effects: None known.

Carcinogenicity: The carcinogen classification does not apply for this product. 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: >2000 mg/kg, Dermal rabbit LD50: >5000 mg/kg, Inhalation rat LC50: >0.55-<2.33 mg/L/4hr (as mist)

12. ECOLOGICAL INFORMATION

Ecotoxicity:
Isopropanol: 96 hr LC50 Bluegill (Lepomis macrochirus) : >1400 mg/L, 48 hr EC50 Daphnia: 13299 mg/L, 72 hr IC50 Algae: 1000 mg/L
Ethanol: 96 hr LC50 Fathead minnow: 14.2 g/L, 48 hr LC50 Ceriodaphnia dubia: 5012 mg/L
Didecyl dimethyl ammonium chloride: 96 hr LC50 Zebrafish: 0.49 mg/L, 48 hr EC50 Daphnia magna: 0.057 mg/L (M-Factor Acute: 10)

This product is expected to be harmful to the aquatic environment. Releases to the environment should be avoided.

Persistence and Degradability: Didecyl dimethyl ammonium chloride: Readily biodegradable- 85% after 14 days.

Bioaccumulative Potential: No data available
Mobility in Soil: No data available
Other Adverse Effects: None known.

13. DISPOSAL CONSIDERATIONS

Towelette Disposal: Do not reuse towelette. Dispose of used towelette in trash. Do not flush in toilet.

Dispenser or Container Disposal: Nonrefillable container. Do not reuse or refill this container. Rinse and offer for recycling. If recycling is not available, put in trash collection.

Refillable Dispenser or Container Disposal: Rinse cracked or broken containers and offer for recycling. If recycling is not available, discard in trash.

Empty containers or liners may retain some product residues. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. This material and its container must be disposed of in a safe manner. Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
US DOT	UN1987	Alcohols, n.o.s. (contains ethanol, Isopropanol), Limited Quantity	3	III	Not applicable
IMDG	UN1987	Alcohols, n.o.s. (contains ethanol, Isopropanol), Limited Quantity	3	III	Not applicable
IATA	UN1987	Alcohols, n.o.s. (contains ethanol, Isopropanol), Limited Quantity	3	III	Not applicable

Note: Product is not packaged for airfreight.

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
WARNING
PRECAUTIONARY STATEMENTS
Hazards to Humans & Domestic Animals

WARNING. Causes substantial but temporary eye damage. Do not get in eyes or on clothing. Avoid contact with skin. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Physical or chemical Hazard

Flammable. Keep away from heat and open flame.

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. 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 #9480-12. However, all of the ingredients of this product are listed on the TSCA inventory.

STATE REGULATIONS:

Massachusetts RTK: Ethyl Alcohol and Isopropanol are listed.

Pennsylvania RTK: Ethyl Alcohol and Isopropanol are listed.

Rhode Island RTK: Ethyl Alcohol and Isopropanol are listed.

New Jersey RTK: Ethyl Alcohol and Isopropanol are listed.

CANADIAN REGULATIONS

Canadian Environmental Protection Act: All of the components in this product are listed on the Domestic Substances List (DSL) or exempt.

16. OTHER INFORMATION

HMIS Ratings: Health – 2	Flammability – 3	Physical Hazard - 0
NFPA Ratings: Health – 2	Flammability – 3	Instability – 0

SDS Revision History: Revised Section 1, 11, and 15.
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