SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: Sani Professional No-Rinse Sanitizing Multi-Surface Wipe

Date of Preparation: April 20, 2017

Recommended use of the chemical and restrictions on use:

Recommended use: Use as a disinfectant wipe 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: Do not use on natural marble, windows, unpainted wood, brass, clear plastic or colored grout.

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 slight alcohol odor impregnated on a wipe. There is a small amount of liquid on the wipes and no free liquid in the packages.

GHS Classification:

Physical	Health	Environmental
Flammable Solids Category 1	Not Classified	Not Classified

Label Elements:

Danger!

Hazard Statements:

Flammable solid

Precautionary Statements:

Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
Wear eye protection.
In case of fire: Use water fog, alcohol-resistant foam, carbon dioxide and dry chemical to extinguish.

Other Hazards: None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Non-Hazardous Components	Mixture	75-85%
Isopropanol	67-63-0	5-<15%
Ethanol (Ethyl Alcohol)	64-17-5	<10%
Didecyl dimethyl ammonium chloride	7173-51-5	0.023%
Alkyl (50% C_{14}, 40% C_{12}, 10% C_{16}) dimethyl benzyl ammonium chloride	68424-85-1	0.015%

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: Ingestion is unlikely for solid products. No first aid is required for small amounts transferred from hands to mouth.

Most Important Symptoms/Effects, Acute and Delayed: Direct contact may cause minimal eye irritation. Inhalation of vapors may cause upper respiratory tract irritation and central nervous system effects.

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: Product will burn under fire conditions. Liquid saturant is a flammable liquid. This product contains only a small amount of liquid per container, therefore the risk of creating a fire hazard is minimal. Combustion may produce oxides of carbon, nitrogen, and ammonia.

Special Protective Equipment and Precautions for Fire-Fighters: Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces.

6. ACCIDENTAL RELEASE MEASURES

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

Environmental Hazards: 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 disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling: None required for normal use. Avoid contact with eyes. Avoid breathing vapors. Wash hands with soap and water after use. Refer 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. Use product only from original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Non-Hazardous Components	None Established
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
Alkyl (50% C_{14}, 40% C_{12}, 10% C_{16}) dimethyl benzyl ammonium chloride	None Established

Appropriate Engineering Controls: General ventilation is adequate under normal conditions of use.

Individual Protection Measures, Such As Personal Protective Equipment:
Respiratory Protection: None should be needed for normal use.
Skin Protection: For prolonged exposure, use impervious gloves to prevent skin contact.
Eye Protection: None required under normal use conditions.
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: Slight alcohol odor	**Vapor pressure:** Not applicable
Odor Threshold: Not applicable	**Vapor density:** Not applicable
pH: Not applicable	**Relative density:** 0.9816 (Saturant)
Melting point/freezing point: Not available	**Solubility(ies):** Saturant- Soluble in water
Boiling point/range: 78°C (172.4°F) (Ethanol)	**Partition coefficient (n-octanol/water):** Not available
Flash point: 35.7°C (96.26°F) (Saturant)	**Auto-ignition temperature:** 363°C (685.40°F) (Ethanol)
Evaporation rate: Not available	**Decomposition temperature:** Not available

Flammability (solid, gas): Flammable solid	

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 and open flames.
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 minimal eye irritation based on test data from the OPPTS 870.2400 Acute Eye Irritation Study which resulted in Toxicity Category IV.
Skin: This product is not expected to cause skin irritation 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.

Chronic Effects: None known.

Carcinogenicity: Ingestion of alcoholic beverages is known to cause cancer in humans. The carcinogen classification does not apply for this product. None of the components of this product above 0.1% are listed as a carcinogen or suspected carcinogen by OSHA, IARC, and NTP.

Reproductive Effects: Repeated ingestion of ethanol by pregnant mothers has been shown to adversely affect the central nervous system of the fetus, resulting in fetal alcohol syndrome. These effects include mental and physical retardation, disturbances of learning, motor and language deficiencies, behavioral disorders and small head size. 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, Dermal rabbit LD50: >5000 mg/kg, Inhalation rat LC50: >2.5 mg/L/4hr (as mist)

12. ECOLOGICAL INFORMATION

Ecotoxicity:
Ethanol: 96 hr LC50 Fathead minnow: 14.2 g/L, 48 hr LC50 Ceriodaphnia dubia: 5012 mg/L
Isopropanol: 96 hr LC50 Bluegill (Lepomis macrochirus) : >1400 mg/L, 48 hr EC50 Daphnia: 13299 mg/L, 72 hr IC50 Algae: 1000 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)
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride: 96 hr LC50 Fathead minnow: 0.28 mg/L, 48 hr EC50 Daphnia magna: 0.016 mg/L, 72 hr ErC50 Green Algae: 0.049 mg/L, 96 hr ErC50 Algae: 0.089 mg/L, 34 days NOEC Fathead minnow: 0.032 mg/L, 21 days NOEC Daphnia magna: 0.0042 mg/L (Acute M-Factor: 10, Chronic M-Factor: 1)

This product is not expected to be harmful to the aquatic environment.

Persistence and Degradability: Didecyl dimethyl ammonium chloride: Readily biodegradable- 85% after 14 days. Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride: Readily biodegradable- 95.5% in 28 days.
Bioaccumulative Potential: No data available
Mobility in Soil: No data available
Other Adverse Effects: None known.

13. DISPOSAL CONSIDERATIONS

Wipe Disposal: Do not reuse wipe, offer for recycling. If recycling is not available, put in trash collection.

Canister and Pail Disposal: Do not reuse this container. Rinse and recycle. If recycling is not available, put in trash.

Flexpack and packaging Disposal: Put empty package in trash collection.

Empty containers may retain some product residues. 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	UN3175	Solids containing flammable liquid, n.o.s. (Ethyl Alcohol)	4.1	II	Not applicable
IMDG	UN3175	Solids containing flammable liquid, n.o.s. (Ethyl Alcohol)	4.1	II	Not applicable
IATA	UN3175	Solids containing flammable liquid, n.o.s. (Ethyl Alcohol)	4.1	II	Not applicable

* Note: Packages that meet the limited quantity provisions of the various modal regulations may be shipped as Limited Quantities.

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
PRECAUTIONARY STATEMENTS
Hazards to Humans & Domestic Animals

Physical or chemical Hazard
Combustible. Do not use or store near heat or 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: Fire Hazard

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 #9480-13. However, all of the ingredients of this product are listed on the TSCA inventory.

STATE REGULATIONS:

California Proposition 65:
This product can expose you to chemicals including formaldehyde, which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Massachusetts RTK: Isopropanol and Ethanol are listed.

Pennsylvania RTK: Isopropanol and Ethanol are listed.

Rhode Island RTK: Isopropanol and Ethanol are listed.

New Jersey RTK: Isopropanol and Ethanol 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 – 1	Flammability – 3	Physical Hazard - 0
NFPA Ratings: Health – 0	Flammability – 3	Instability – 0

SDS Revision History: New SDS
Date of preparation: April 20, 2017
Date of last revision: -