

**1. IDENTIFICATION**

**Product Name:** Sani-Cloth Plus Germicidal Disposable Cloth

**SDS 0002-00**

**Date of Preparation:** December 12, 2017

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

**Recommended use:** Use as a disinfectant on hard, non-porous surfaces and equipment made of stainless steel, plastic, Formica® and glass. 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. Not for use on skin. Do not use as a baby wipe.

**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 white liquid with a mild alcohol odor impregnated on wipes in canisters. There is no free liquid in the canisters.*

**GHS Classification:**

Physical	Health	Environmental
Not Classified	Eye Irritant Category 2B	Not Classified

**Label Elements:**

Warning!

**Hazard Statements:**

Causes eye irritation.

**Precautionary Statements:**

Wash thoroughly after handling.

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.

**Other Hazards:** None known.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical name	CAS No.	Concentration

Non-Hazardous Components	Mixture	75-85%
Isopropanol	67-63-0	10-20%
2-Butoxyethanol	111-76-2	<5%
Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides	85409-23-0/ 68956-79-6	<0.5%
Benzyl-C12-18-alkyldimethyl ammonium chlorides	68391-01-5	<0.5%

**4. FIRST-AID MEASURES**

**Description of First Aid Measures:**

**Eye:** Flush eyes with large quantities of water for several minutes. Remove contact lenses if easy to do so. 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:** Not a normal route of exposure. If symptoms develop move victim to fresh air. Get medical attention if symptoms develop.

**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 eye 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:** Product will burn under fire conditions. Combustion may produce oxides of nitrogen and carbon, hydrogen chloride and chloride compounds.

**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:** Avoid 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:** Do not reuse towelette. Pick up wipe and place in an appropriate container for infectious waste disposal. Do not flush in toilet.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling:** Avoid contact with eyes. Wear protective clothing and equipment as described in Section 8. Wash hands thoroughly with soap and water after use. Keep containers closed when not in use. Refer product label for additional information on use and handling.

**Dispenser or Container Disposal:** Non-refillable container. Do not reuse or refill this container. Dispose in accordance with all local, state and federal regulations.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry location away from incompatible materials. Do not contaminate water, food or feed by storage and disposal. For containers: When not in use keep center cap of lid closed to prevent moisture loss.

**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
2-Butoxyethanol	20 ppm TWA ACGIH TLV 50 ppm TWA OSHA PEL (skin)
Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides	None Established
Benzyl-C12-18-alkyldimethyl ammonium chlorides	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 product label for additional information.

**Skin Protection:** Use disposable protective gloves to prevent skin contact.

**Eye Protection:** Wear safety goggles or other eye protection to prevent eye contact.

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b> White liquid saturated on lint free wipes	<b>Flammable limits:</b> LEL: Not applicable UEL: Not applicable
<b>Odor:</b> Mild alcohol odor	<b>Vapor pressure:</b> Not available
<b>Odor Threshold:</b> Not applicable	<b>Vapor density:</b> Not available
<b>pH:</b> 11-12 (Saturant)	<b>Relative density:</b> 0.97 (Saturant)
<b>Melting point/freezing point:</b> Not applicable	<b>Solubility(ies):</b> Soluble in water (Saturant)
<b>Boiling point/range:</b> Not applicable	<b>Partition coefficient (n-octanol/water):</b> Not available

<b>Flash point:</b> Not applicable	<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 flammable according to Preliminary Screening Test for Readily Combustible Solids.	

## 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, acids, anionic surfactants, soaps, and bleach solutions. Do not use on natural marble, windows, unpainted wood, brass, clear plastic or colored grout.

**Hazardous Decomposition Products:** Thermal decomposition may produce oxides of nitrogen and carbon, hydrogen chloride and chloride compounds.

## 11. TOXICOLOGICAL INFORMATION

### Potential Health Effects:

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

**Skin:** No adverse effects are expected. This product is non-irritating 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.

**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:** 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, Dermal rabbit LD50: >2000 mg/kg, Inhalation rat LC50: >2.02 mg/L/4hr

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available for this mixture. The following ecotoxicity data is for the individual components:

Isopropanol: 96 hr LC50 Bluegill (*Lepomis macrochirus*) : >1400 mg/L, 48 hr EC50 Daphnia: 13299 mg/L, 72 hr IC50 Algae: 1000 mg/L

Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides and Benzyl-C12-18-alkyldimethyl ammonium chlorides: 96 hr LC50 Fish: 0.86 ppm, 48 hr EC50 Daphnia: 0.0058-0.016 mg/L (Acute M-Factor: 100)

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

**Persistence and Degradability:** No data available

**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.

**Container Disposal:** Non-refillable container. Do not reuse or refill this container. Offer for recycling. If recycling is not available, put in trash collection.

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	None	Not Regulated	None	None	None
IMDG	None	Not Regulated	None	None	None
IATA	None	Not Regulated	None	None	None

Note: This product was tested according to the Preliminary Screening Test for Readily Combustible Solids from the United Nations Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria, Section 33.2.1.4.3.1.

**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 eyes 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 Hazards: Combustible. Do not use or store near heat or open flame. Do not use on natural marble, windows, unpainted wood, brass, clear plastic or colored grout.

**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:

2-Butoxyethanol (as glycol ether)    111-76-2    <5%

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

**EPA Toxic Substances Control Act (TSCA) Status:** This product is an EPA Registered product #9480-6. However, all of the ingredients of this product are listed on the TSCA inventory.

**STATE REGULATIONS:**

**California Proposition 65:** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Massachusetts RTK:** Isopropanol and 2-Butoxyethanol are listed.

**Pennsylvania RTK:** Isopropanol and 2-Butoxyethanol are listed.

**Rhode Island RTK:** Isopropanol and 2-Butoxyethanol are listed.

**New Jersey RTK:** Isopropanol and 2-Butoxyethanol are listed.

**16. OTHER INFORMATION**

**HMIS Ratings:** Health – 2

Flammability – 1

Physical Hazard - 0

**NFPA Ratings:** Health – 2

Flammability – 1

Instability – 0

**SDS Revision History:** Revised Section 7 and 13.

**Date of preparation:** December 12, 2017

**Date of last revision:** December 5, 2017