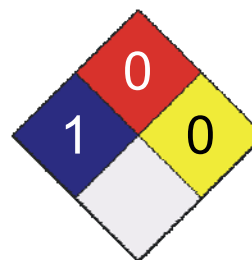


## 1. Product and Company Identification

<b>Product Name</b>	<b>PDI Sani-Cloth AF3 Germicidal Disposable Wipe</b>	<b>MSDS0101</b>
<b>CAS #</b>	Mixture	
<b>Product use</b>	Disinfectant	
<b>Manufacturer</b>	Professional Disposables International, Inc. Two Nice-Pak Park Orangeburg, NY 10962-1376 Phone (USA) 1-845-365-1700 (M-F 8am - 5pm)	

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 1
Flammability	0
Physical Hazard	0
Personal Protection	B



## 2. Hazards Identification

<b>Emergency overview</b>	<p>PRECAUTIONARY STATEMENTS: Hazards to humans and domestic animals.</p> <p>CAUTION Causes moderate eye irritation. Avoid contact with eyes and clothing. Wash hands before eating, drinking, chewing gum, using tobacco, or using toilet.</p> <p>KEEP OUT OF REACH OF CHILDREN.</p>
<b>Potential short term health effects</b>	
<b>Routes of exposure</b>	Eye, Skin contact, Inhalation, Ingestion.
<b>Eyes</b>	Moderate eye irritation.
<b>Skin</b>	May be minimally irritating to skin based on test data. Not a skin sensitizer based on test data.
<b>Inhalation</b>	Not a normal route of exposure. May cause respiratory tract irritation.
<b>Ingestion</b>	Not a normal route of exposure. Not orally toxic. May cause stomach distress, nausea or vomiting.
<b>Target organs</b>	Eyes. Skin.
<b>Chronic effects</b>	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
<b>Signs and symptoms</b>	Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

## 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Dipropylene glycol n-propyl ether	29911-27-1	2.5 - 10
N-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	Not Applicable	0.1 - 1
N-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides		0.1 - 1

## 4. First Aid Measures

<b>First aid procedures</b>	
<b>Eye contact</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

<b>Skin contact</b>	If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
<b>Notes to physician</b>	Symptoms may be delayed.
<b>General advice</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.
	Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

## 5. Fire Fighting Measures

<b>Flammable properties</b>	Not flammable by OSHA criteria.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Treat for surrounding material.
<b>Unsuitable extinguishing media</b>	Not available
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Not available
<b>Protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available
<b>Sensitivity to static discharge</b>	Not available

## 6. Accidental Release Measures

<b>Personal precautions</b>	Follow standard industrial hygiene practices.
<b>Methods for containment</b>	Not applicable.
<b>Methods for cleaning up</b>	Remove sources of ignition. Pick up towels and discard in trash. Wipe or mop up liquid, if any, and dispose properly.

## 7. Handling and Storage

<b>Handling</b>	Use good industrial hygiene practices in handling this material. When using do not eat or drink.
<b>Storage</b>	Keep out of reach of children. Store in a closed container away from incompatible materials. Store at room temperature in the original container.
	It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

## 8. Exposure Controls / Personal Protection

### Exposure limits

Ingredient(s)	Exposure Limits
Dipropylene glycol n-propyl ether	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
N-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
N-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established

### Engineering controls

General ventilation normally adequate.

### Personal protective equipment

#### Eye / face protection

Wear gear as deemed necessary. Follow label directions.

#### Hand protection

Wear as deemed necessary, follow label directions.

#### Skin and body protection

As required by employer code.

#### Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

#### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

When using do not eat or drink.

Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

## 9. Physical and Chemical Properties

Appearance	Clear. Liquid saturated on wipe
Color	Colorless
Form	Pre-moistened towelette.
Odor	Not available
Odor threshold	Not available
Physical state	Solid
pH	11.50 (Liquid)
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available
Flash point	> 212 °F (> 100.00 °C)
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not applicable
Flammability limits in air, upper, % by volume	Not applicable
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	1.0 (Liquid)
Octanol/water coefficient	Not available
Solubility (H2O)	Wipe is not soluble in water
VOC (Weight %)	None

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## 10. Stability and Reactivity

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<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.

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## 11. Toxicological Information

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<b>Acute effects</b>	Acute LD50: >5000 mg/kg, Rabbit, Dermal Acute LD50: >5000 mg/kg, Rat, Oral Acute LC50: >2.57 mg/l/4h, Rat, Inhalation
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### Component analysis - LC50

<b>Ingredient(s)</b>	<b>LC50</b>
Dipropylene glycol n-propyl ether	Not available
N-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	Not available
N-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	Not available

### Component analysis - Oral LD50

<b>Ingredient(s)</b>	<b>LD50</b>
Dipropylene glycol n-propyl ether	2000 mg/kg rat
N-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	Not available
N-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	Not available

### Effects of acute exposure

<b>Eye</b>	Moderate eye irritation.
<b>Skin</b>	May be minimally irritating to skin based on test data. Not a skin sensitizer based on test data.
<b>Inhalation</b>	Not a normal route of exposure. May cause respiratory tract irritation.
<b>Ingestion</b>	Not a normal route of exposure. Not orally toxic. May cause stomach distress, nausea or vomiting.

<b>Sensitization</b>	The finished product is not expected to have chronic health effects.
<b>Chronic effects</b>	The finished product is not expected to have chronic health effects.
<b>Carcinogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Mutagenicity</b>	The finished product is not expected to have chronic health effects.
<b>Reproductive effects</b>	The finished product is not expected to have chronic health effects.
<b>Teratogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Synergistic Materials</b>	Not available

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## 12. Ecological Information

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<b>Ecotoxicity</b>	Not available
<b>Environmental effects</b>	Not available
<b>Aquatic toxicity</b>	Not available
<b>Persistence / degradability</b>	Not available
<b>Bioaccumulation / accumulation</b>	Not available
<b>Partition coefficient</b>	Not available
<b>Mobility in environmental media</b>	Not available
<b>Chemical fate information</b>	Not available

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## 13. Disposal Considerations

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<b>Waste codes</b>	Not available
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<b>Disposal instructions</b>	Dispose of used towelette in accordance with local regulations for infectious waste disposal. Dispenser: Do not reuse empty container. Wrap container and put in trash collection.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Not available

## 14. Transport Information

**U.S. Department of Transportation (DOT)**  
Not regulated as dangerous goods.

## 15. Regulatory Information

**US Federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

Product Registration: Registered with EPA, EPA Reg. No. Not assigned.

**Occupational Safety and Health Administration (OSHA)**

29 CFR 1910.1200 hazardous chemical Yes

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes

**Clean Air Act (CAA)** Not available

**Clean Water Act (CWA)** Not available

**State regulations** CA Prop 65: This product is not subject to warning labeling under the State of California Proposition 65.

**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other Information

**Disclaimer** Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

**Recommended use** It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**Further information** Not for use on skin. Not a baby wipe. For use on hard surfaces only.

**Issue date** 04-April-2011

**Effective date** 04-April-2011

**Prepared by** Nice-Pak Products, Inc. (845) 365-1700

**Other information** For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.