1. Product and Company Identification

Product Name: PDI Sani-Cloth AF3 Germicidal Disposable Wipe
CAS #: Mixture
Product use: Disinfectant
Manufacturer: 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

<table>
<thead>
<tr>
<th>Severity</th>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>Serious</td>
<td>3</td>
<td></td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Moderate</td>
<td>2</td>
<td></td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Slight</td>
<td>1</td>
<td></td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Minimal</td>
<td>0</td>
<td></td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

2. Hazards Identification

Emergency overview
PRECAUTIONARY STATEMENTS: Hazards to humans and domestic animals.

CAUTION
Causes moderate eye irritation. Avoid contact with eyes and clothing. Wash hands before eating, drinking, chewing gum, using tobacco, or using toilet.

KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects
Routes of exposure
- Eye, Skin contact, Inhalation, Ingestion.

Eyes
Moderate eye irritation.

Skin
May be minimally irritating to skin based on test data.
Not a skin sensitizer based on test data.

Inhalation
Not a normal route of exposure. May cause respiratory tract irritation.

Ingestion
Not a normal route of exposure.
Not orally toxic.
May cause stomach distress, nausea or vomiting.

Target organs
Eyes. Skin.

Chronic effects
Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms
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

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

4. First Aid Measures

First aid procedures
Eye contact
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.
Skin contact
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.

Inhalation
Remove to fresh air.

Ingestion
Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

Notes to physician
Symptoms may be delayed.

General advice
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

Flammable properties
Not flammable by OSHA criteria.

Extinguishing media
Suitable extinguishing media
Treat for surrounding material.

Unsuitable extinguishing media
Not available

Protection of firefighters
Specific hazards arising from the chemical
Not available

Protective equipment for firefighters
Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products
May include and are not limited to: Oxides of carbon.

Explosion data
Sensitivity to mechanical impact
Not available

Sensitivity to static discharge
Not available

6. Accidental Release Measures

Personal precautions
Follow standard industrial hygiene practices.

Methods for containment
Not applicable.

Methods for cleaning up
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

Handling
Use good industrial hygiene practices in handling this material. When using do not eat or drink.

Storage
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

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol n-propyl ether</td>
<td>ACGIH-TLV Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL Not established</td>
</tr>
<tr>
<td>N-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides</td>
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<td>ACGIH-TLV Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL Not established</td>
</tr>
</tbody>
</table>

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

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

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

11. Toxicological Information

**Acute effects**
- Acute LD50: >5000 mg/kg, Rabbit, Dermal
- Acute LD50: >5000 mg/kg, Rat, Oral
- Acute LC50: >2.57 mg/l/4h, Rat, Inhalation

**Component analysis - LC50**

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

**Component analysis - Oral LD50**

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

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

**Sensitization**: The finished product is not expected to have chronic health effects.

**Chronic effects**: The finished product is not expected to have chronic health effects.

**Carcinogenicity**: The finished product is not expected to have chronic health effects.

**Mutagenicity**: The finished product is not expected to have chronic health effects.

**Reproductive effects**: The finished product is not expected to have chronic health effects.

**Teratogenicity**: The finished product is not expected to have chronic health effects.

**Synergistic Materials**: Not available

12. Ecological Information

**Ecotoxicity**: Not available

**Environmental effects**: Not available

**Aquatic toxicity**: Not available

**Persistence / degradability**: Not available

**Bioaccumulation / accumulation**: Not available

**Partition coefficient**: Not available

**Mobility in environmental media**: Not available

**Chemical fate information**: Not available

13. Disposal Considerations

**Waste codes**: Not available
Disposal instructions
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.

Waste from residues / unused products
Not available

Contaminated packaging
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.

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
United States & Puerto Rico

Inventory name
Toxic Substances Control Act (TSCA) Inventory

On inventory (yes/no)*
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.