1. Product and Company Identification

Product identifier PDI Sani-Cloth AF3 Germicidal Disposable Wipe SDS 0101-00
Other means of identification Not available
Recommended use Hard, Nonporous Surface Disinfectant
Recommended restrictions Not a skin wipe.
Manufacturer/Importer/Supplier/Distributor information

Manufacturer
Company name Professional Disposables International, Inc.
Address Two Nice-Pak Park
Orangeburg, NY 10962-1376
Telephone Phone (USA) 1-845-365-1700 (M-F 9am - 5pm)
E-mail Not available
Emergency phone number 1-800-999-6423

2. Hazards Identification

Physical hazards Not classified.
Health hazards Serious eye damage/eye irritation Category 2B
Environmental hazards Not classified.
OSHA defined hazards Not classified.
Label elements
Hazard symbol None.
Signal word Warning
Hazard statement Causes eye irritation.
Precautionary statement
Prevention Wash thoroughly after handling.
Response If in eyes: Rinse cautiously with water for 15 - 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC) None known.
Supplemental information Not applicable.

3. Composition/Information on Ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl-C12-18-alkyldimethyl ammonium chlorides</td>
<td>68391-01-5</td>
<td>0.14</td>
<td></td>
</tr>
<tr>
<td>Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides</td>
<td>68956-79-6</td>
<td>0.14</td>
<td></td>
</tr>
</tbody>
</table>

4. First Aid Measures

Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.
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.
Ingestion Call a poison control center or doctor for treatment advice.
Exposed individuals may experience eye tearing, redness, and discomfort.

Treat patient symptomatically.

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

5. Fire Fighting Measures

<table>
<thead>
<tr>
<th>Suitable extinguishing media</th>
<th>Treat for surrounding material.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unsuitable extinguishing media</td>
<td>None known.</td>
</tr>
<tr>
<td>Specific hazards arising from the chemical</td>
<td>During fire, gases hazardous to health may be formed.</td>
</tr>
<tr>
<td>Special protective equipment and precautions for firefighters</td>
<td>Self-contained breathing apparatus and full protective clothing must be worn in case of fire.</td>
</tr>
<tr>
<td>Fire-fighting equipment/instructions</td>
<td>In the event of fire, cool product with water spray.</td>
</tr>
<tr>
<td>Specific methods</td>
<td>Cool product exposed to flames with water until well after the fire is out.</td>
</tr>
<tr>
<td>General fire hazards</td>
<td>No unusual fire or explosion hazards noted.</td>
</tr>
</tbody>
</table>

6. Accidental Release Measures

| Personal precautions, protective equipment and emergency procedures | Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS. |
| Methods and materials for containment and cleaning up | Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS. |
| Environmental precautions | Avoid discharge into drains, water courses or onto the ground. |

7. Handling and Storage

| Precautions for safe handling | Avoid contact with eyes or clothing. Not a skin wipe. For use on hard non-porous surfaces only. Do not reuse the empty container. Do not reuse towelette. Provide adequate ventilation. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using do not eat or drink. Wash hands before breaks and immediately after handling the product. |
| Conditions for safe storage, including any incompatibilities | Do not contaminate water, food or feed by storage or disposal. When not in use keep center cap of lid closed to prevent moisture loss. Store away from incompatible materials (see Section 10 of the SDS). |

8. Exposure Controls/Personal Protection

| Occupational exposure limits | No exposure limits noted for ingredient(s). |
| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| Exposure guidelines | This material does not have established exposure limits. |
| Appropriate engineering controls | Ensure adequate ventilation. |
| Individual protection measures, such as personal protective equipment | |
9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Liquid saturated on wipe</td>
</tr>
<tr>
<td><strong>Physical state</strong></td>
<td>Solid.</td>
</tr>
<tr>
<td><strong>Form</strong></td>
<td>Pre-moistened towelette.</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>White</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Natural</td>
</tr>
<tr>
<td><strong>Odor threshold</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>11.4 (liquid)</td>
</tr>
<tr>
<td><strong>Melting point/freezing point</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Initial boiling point and boiling range</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Pour point</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Specific gravity</strong></td>
<td>0.995 - 1.045 (liquid)</td>
</tr>
<tr>
<td><strong>Partition coefficient (n-octanol/water)</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>&gt; 212.0 °F (&gt; 100.0 °C)</td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Upper/lower flammability or explosive limits</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Flammability limit - lower (%)</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Flammability limit - upper (%)</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Explosive limit - lower (%)</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Explosive limit - upper (%)</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Vapor pressure</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Vapor density</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Relative density</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Solubility(ies)</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Auto-ignition temperature</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Decomposition temperature</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>Not available.</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reactivity</strong></td>
<td>May react with incompatible materials.</td>
</tr>
<tr>
<td><strong>Possibility of hazardous reactions</strong></td>
<td>Hazardous polymerization does not occur.</td>
</tr>
<tr>
<td><strong>Chemical stability</strong></td>
<td>Material is stable under normal conditions.</td>
</tr>
<tr>
<td><strong>Conditions to avoid</strong></td>
<td>Do not mix with other chemicals.</td>
</tr>
<tr>
<td><strong>Incompatible materials</strong></td>
<td>Strong oxidizing agents.</td>
</tr>
<tr>
<td><strong>Hazardous decomposition products</strong></td>
<td>May include and are not limited to: Ammonia. Chloride compounds Nitrogen compounds. Sodium oxides.</td>
</tr>
</tbody>
</table>

11. Toxicological Information

<table>
<thead>
<tr>
<th>Route of Exposure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ingestion</strong></td>
<td>Health injuries are not known or expected under normal use.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>Health injuries are not known or expected under normal use.</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>Non-irritating based on test data.</td>
</tr>
<tr>
<td><strong>Eye contact</strong></td>
<td>Mildly irritating to eyes based on test data.</td>
</tr>
<tr>
<td><strong>Symptoms</strong></td>
<td>Exposed individuals may experience eye tearing, redness, and discomfort.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute toxicity</strong></td>
<td></td>
</tr>
<tr>
<td>Product</td>
<td>Species</td>
</tr>
<tr>
<td>---------</td>
<td>---------</td>
</tr>
<tr>
<td>PDI Sani-Cloth AF3 Germicidal Disposable Wipe</td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Dermal</strong></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
</tr>
</tbody>
</table>

### Components

- Benzyl-C12-18-alkyldimethyl ammonium chlorides (CAS 68391-01-5)

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dermal</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>2000 mg/kg</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>150 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>240 mg/kg</td>
</tr>
</tbody>
</table>

- Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides (CAS 68956-79-6)

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dermal</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Not available</td>
<td></td>
</tr>
</tbody>
</table>

### Toxicity

- **Skin corrosion/irritation**
  - Non-irritating based on test data.
  - Classified based on OPP/GHS Classification Criteria and Labeling Comparison. Toxicity Category IV according to the OPPTS 870.2500 Acute Skin Irritation Study.

- **Exposure minutes**
  - Not available.

- **Erythema value**
  - Not available.

- **Oedema value**
  - Not available.

- **Serious eye damage/eye irritation**
  - Causes irritation. Classified based on OPP/GHS Classification Criteria and Labeling Comparison. Toxicity Category III according to the OPPTS 870.2500 Acute Eye Irritation Study.

- **Corneal opacity value**
  - Not available.

- **Iris lesion value**
  - Not available.

- **Conjunctival reddening value**
  - Not available.

- **Conjunctival oedema value**
  - Not available.

- ** Recover days**
  - Not available.

- **Respiratory or skin sensitization**
  - Not available.

- **Respiratory sensitization**
  - Not a skin sensitizer based on test data.

- **Skin sensitization**
  - Not available.

- **Germ cell mutagenicity**
  - No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

- **Carcinogenicity**
  - This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

  - Not listed.

- **Reproductive toxicity**
  - This product is not expected to cause reproductive or developmental effects.

- **Specific target organ toxicity - single exposure**
  - Not classified.

- **Specific target organ toxicity - repeated exposure**
  - Not classified.

- **Aspiration hazard**
  - Not classified.
Chronic effects: Not classified.
Further information: Not available.

12. Ecological Information

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Mobility in general: Not available.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal Considerations

Disposal instructions: Dispose of contents/container in accordance with local/regional/national/international regulations. Follow container label directions carefully. Do not reuse towelette. Dispose of used towelette in trash. Do not flush in toilet. Nonrefillable container. Do not reuse or refill this container. Triple rinse and offer for recycling. If recycling is not available, put in trash collection.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: Assign as required.

Waste from residues / unused products: Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Since emptied packages may retain product residue, follow label warnings even after container is emptied.

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.

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.

PRECAUTIONARY STATEMENTS:
Hazards to humans and 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 and drinking, chewing gum, using tobacco or using toilet.

EPA Reg. # 9480-9


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

SARA 302 Extremely hazardous substance: No

SARA 311/312 Hazardous chemical: No
SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

Food and Drug Administration (FDA)
Not regulated.

US state regulations
This product is not subject to warning labeling under the California Proposition 65 regulation.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
Not listed.

US - Texas Effects Screening Levels: Listed substance
Benzyl-C12-18-alkyldimethyl ammonium chlorides Listed. (CAS 68391-01-5)

US. Massachusetts RTK - Substance List
Not regulated.

US. Pennsylvania RTK - Hazardous Substances
Not regulated.

US. Rhode Island RTK
Not listed.

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A “Yes” indicates this product complies with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND

- HEALTH / 2
- FLAMMABILITY 1
- PHYSICAL HAZARD 0
- PERSONAL PROTECTION X

Disclaimer
The information in the sheet was written based on the best knowledge and experience currently available. 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.

Issue date
09-March-2015

Further information
For any questions surrounding this SDS, please contact the supplier/manufacturer listed on the first page of the document.

Bulk Liquid # 4AP63801. # 4OP63801.

Other information
This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

Revision 0.

Prepared by
Dell Tech Laboratories, Ltd. Phone: (519) 858-5021