## 1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>PDI Sani-Cloth Bleach Germicidal Disposable Wipe</th>
<th>SDS # 0094-00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other means of identification</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Recommended use</td>
<td>Hard, Nonporous Surface Disinfectant</td>
<td></td>
</tr>
<tr>
<td>Recommended restrictions</td>
<td>For Professional and Hospital Use</td>
<td></td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Professional Disposables International, Inc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Two Nice-Pak Park, Orangeburg, NY 10962-1376</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or Distributed By: Professional Disposables International, LTD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vaughan, Ontario L4L 4K9 Canada</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phone: (USA) 1-845-365-1700 (M-F 9am - 5pm)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phone: (CANADA) 1-800-263-7067</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Emergency Phone: 1-800-999-6423</td>
<td></td>
</tr>
</tbody>
</table>

## 2. Hazards Identification

| Physical hazards                  | Not classified.                                               |
| Health hazards                    | Serious eye damage/eye irritation Category 2B                  |
| Environmental hazards             | Not determined.                                               |
| OSHA defined hazards              | Not classified.                                               |

**Label elements**

- **Hazard symbol**: None.
- **Signal word**: Warning
- **Hazard statement**: Causes eye irritation.
- **Precautionary statement**
  - **Prevention**: Wash hands 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

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hypochlorite</td>
<td></td>
<td>7681-52-9</td>
<td>0.63</td>
</tr>
</tbody>
</table>

**Composition comments**: Not applicable to EPA registered products. Not applicable to DIN products. Refer to product label for active ingredient content.

## 4. First Aid Measures

**Inhalation**: Not a normal route of exposure. Call a poison control center or doctor for treatment advice.

**Skin contact**: Wash thoroughly with soap and water. Call a Poison Control Center or doctor for treatment advice.

**Eye contact**: If in eyes, 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**: If swallowed: Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

**Most important symptoms/effects, acute and delayed**: Exposed individuals may experience eye tearing, redness, and discomfort.
5. Fire Fighting Measures

Suitable extinguishing media
Treat for surrounding material.

Unsuitable extinguishing media
None known.

Specific hazards arising from the chemical
Firefighters should wear a self-contained breathing apparatus.

Special protective equipment and precautions for firefighters
Firefighters should wear full protective clothing including self contained breathing apparatus.

Fire-fighting equipment/instructions
In the event of fire, cool product with water spray.

Specific methods
Cool product exposed to flames with water until well after the fire is out.

General fire hazards
No unusual fire or explosion hazards noted.

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

Explosion data

- Sensitivity to mechanical impact: Not available.
- Sensitivity to static discharge: Not available.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
Prevent entry into waterways, sewers or confined areas. Pick up and discard towel. 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 use with other chemicals such as ammonia, toilet bowl cleaners, rust removers, or acid.
Not intended for use on fabrics.
Prolonged use on metals may cause pitting or discoloration.
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 use or store near heat or open flame.
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).
Keep out of reach of children.

8. Exposure Controls/Personal Protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>US. AIHA Workplace Environmental Exposure Level (WEEL) Guides Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hypochlorite (CAS 7681-52-9)</td>
<td>STEL</td>
<td>2 mg/m3</td>
</tr>
</tbody>
</table>

Biological limit values
No biological exposure limits noted for the ingredient(s).
Exposure guidelines
See above

Appropriate engineering controls
Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear gear as deemed necessary. Follow label directions.

Skin protection
Hand protection
Wear as deemed necessary, follow label directions.

Other
Wear suitable protective clothing. As required by employer code.

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

Thermal hazards
Not available.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice.
Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.
When using do not eat or drink.

9. Physical and Chemical Properties

Appearance
Clear Liquid saturated on wipe

Physical state
Solid.

Form
Liquid saturated on wipe

Color
White

Odor
Chlorine

Odor threshold
Not available.

pH
12.5 (liquid)

Melting point/freezing point
Not available.

Initial boiling point and boiling range
Not available.

Pour point
Not available.

Specific gravity
1.018 (Liquid)

Partition coefficient
(n-octanol/water)
Not available.

Flash point
Not applicable

Evaporation rate
Not available.

Flammability (solid, gas)
Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Not available.

Flammability limit - upper (%)
Not available.

Explosive limit - lower (%)
Not available.

Explosive limit - upper (%)
Not available.

Vapor pressure
Not available.

Vapor density
Not available.

Relative density
Not available.

Solubility(ies)
Wipe is not soluble

Auto-ignition temperature
Not available.

Decomposition temperature
Not available.

Viscosity
Not available.

10. Stability and Reactivity

Reactivity
Reacts violently with acids.
This product may react with strong oxidizing agents.
Do not mix with acids or ammonia, will cause hazardous vapours.
Hazardous decomposition products may be produced when mixed with other chemicals or incompatible materials.

Possibility of hazardous reactions
Hazardous polymerization does not occur.

Chemical stability
Stable under recommended storage conditions.
Conditions to avoid
Do not use with ammonia or acids such as vinegar, rust removers, toilet bowl cleaners, etc.
Do not mix with other chemicals.
Contact with incompatible materials.

Incompatible materials

Hazardous decomposition products
May include and are not limited to: Oxides of carbon. Oxides of phosphorus. Chlorine gas.

11. Toxicological Information

Routes of exposure
Eye, Skin contact, Inhalation, Ingestion.

Information on likely routes of exposure

Ingestion
Not a normal route of exposure. Health injuries are not known or expected under normal use.

Inhalation
No adverse effects due to inhalation are expected.

Skin contact
Non-irritating based on test data.

Eye contact
Mildly irritating to eyes based on test data.

Symptoms related to the physical, chemical and toxicological characteristics
Exposed individuals may experience eye tearing, redness, and discomfort.

Information on toxicological effects

Acute toxicity

Components Species Test Results
Sodium hypochlorite (CAS 7681-52-9)

Acute

Dermal
LD50 Rabbit 10000 mg/kg

Inhalation
LC50 Rat > 5250 mg/m3

Oral
LD50 Mouse 5800 mg/kg
Rat 8200 mg/kg

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

Exposure minutes
Not available.

Erythema value
Not available.

Oedema value
Not available.

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

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
Respiratory sensitization
Not available.

Skin sensitization
Not a skin sensitizer based on test data.

Germ cell mutagenicity
Non-hazardous by WHMIS/OSHA criteria.

Mutagenicity
Non-hazardous by WHMIS/OSHA criteria.

Carcinogenicity
Non-hazardous by WHMIS/OSHA criteria.

IARC Monographs. Overall Evaluation of Carcinogenicity
Sodium hypochlorite (CAS 7681-52-9) Volume 52 - 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity
Non-hazardous by WHMIS/OSHA criteria.

Teratogenicity
Non-hazardous by WHMIS/OSHA criteria.

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

Aspiration hazard
Not classified.

Chronic effects
Non-hazardous by WHMIS/OSHA criteria.

Further information
Not available.

Name of Toxicologically Synergistic Products
Not available.

12. Ecological Information

Ecotoxicity
See below

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hypochlorite (CAS 7681-52-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td>2.1 mg/L, 48 Hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Chinook salmon (Oncorhynchus tshawytscha)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.038 - 0.065 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

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.

Transportation of Dangerous Goods (TDG - Canada)
Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Canada WHMIS Ingredient Disclosure: Threshold limits
Sodium hypochlorite (CAS 7681-52-9) 1 %

WHMIS classification
Exempt - Registered product - (DIN Pending)
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. # 9480-8

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

US CWA Section 311 Hazardous Substances: Listed substance
Sodium hypochlorite (CAS 7681-52-9) Listed.

CERCLA Hazardous Substance List (40 CFR 302.4)
Sodium hypochlorite (CAS 7681-52-9) Listed.

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

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

Superfund Amendments and Reauthorization Act of 1986 (SARA)

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Immediate Hazard</th>
<th>Delayed Hazard</th>
<th>Fire Hazard</th>
<th>Pressure Hazard</th>
<th>Reactivity Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA 302 Extremely hazardous substance</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SARA 311/312 Hazardous chemical</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SARA 313 (TRI reporting)</td>
<td>Not regulated.</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Other federal regulations

Safe Drinking Water Act (SDWA) Not regulated.
Food and Drug Administration (FDA) Not regulated.

US state regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - California Hazardous Substances (Director's): Listed substance
Sodium hypochlorite (CAS 7681-52-9) Listed.

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

Sodium hypochlorite (CAS 7681-52-9) Listed.

US - Louisiana Spill Reporting: Listed substance
Sodium hypochlorite (CAS 7681-52-9) Listed.

US - Minnesota Haz Subs: Listed substance
Sodium hypochlorite (CAS 7681-52-9) Listed.

US - New Jersey RTK - Substances: Listed substance
Sodium hypochlorite (CAS 7681-52-9) Listed.

Sodium hypochlorite (CAS 7681-52-9) Listed.

US - Texas Effects Screening Levels: Listed substance
Sodium hypochlorite (CAS 7681-52-9) Listed.
### US. Massachusetts RTK - Substance List
Sodium hypochlorite (CAS 7681-52-9) Listed.

### US. Pennsylvania RTK - Hazardous Substances
Sodium hypochlorite (CAS 7681-52-9) Listed.

### US. Rhode Island RTK
Sodium hypochlorite (CAS 7681-52-9) Listed.

#### Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<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 that all components of this product comply with the inventory requirements administered by the governing country(s)

### 16. Other Information

#### LEGEND

<table>
<thead>
<tr>
<th>HEALTH/</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAMMABILITY</td>
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</tr>
<tr>
<td>PHYSICAL HAZARD</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
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</tr>
</tbody>
</table>

#### 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

13-March-2015

#### Effective date

13-March-2015

#### Expiry date

13-March-2018

#### Further information

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

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For use on hard, nonporous surfaces only.

Revision 0.

Bulk Liquid # 4CH24701.

#### Prepared by

Professional Disposables International, Inc. Phone: (USA) 1-845-365-1700

#### 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).

This SDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.