SAFETY DATA SHEET

1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>PDI Alcohol Prep Pads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other means of identification</td>
<td>Not available</td>
</tr>
<tr>
<td>Recommended use</td>
<td>Topical Skin Cleanser</td>
</tr>
<tr>
<td>Recommended restrictions</td>
<td>For Professional and Hospital Use</td>
</tr>
<tr>
<td>Manufacturer/Importer/Supplier/Distributor information</td>
<td></td>
</tr>
<tr>
<td>Company name</td>
<td>Professional Disposables International, Inc.</td>
</tr>
<tr>
<td>Address</td>
<td>Two Nice-Pak Park</td>
</tr>
<tr>
<td>Orangeburg, NY 10962-1376</td>
<td></td>
</tr>
<tr>
<td>Telephone</td>
<td>Phone (USA) 1-845-365-1700 (M-F 9am - 5pm)</td>
</tr>
<tr>
<td>Emergency phone number</td>
<td>1-800-999-6423</td>
</tr>
</tbody>
</table>

2. Hazards Identification

| Physical hazards | Flammable solids Category 1 |
| Health hazards | Serious eye damage/eye irritation Category 2A |
| Environmental hazards | Not determined. |
| OSHA defined hazards | None additional. |

Label elements

- Signal word: Danger
- Precautionary statement
  - Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only in a well-ventilated area.
  - Response: If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. In case of fire: Use appropriate media to extinguish.
  - Storage: Store in a well-ventilated place.
  - 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>Mixtures</th>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>40-70</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**
In case of skin irritation, discontinue use of product. Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact**
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**Ingestion**
If swallowed, get medical help or contact a Poison Control Center immediately. Immediately rinse mouth out with water. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing.

**Most important symptoms/effects, acute and delayed**
Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Indication of immediate medical attention and special treatment needed**
Provide general supportive measures and treat symptomatically.

**General information**
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Use with care in premature infants or infants under 2 months of age. These products may cause irritation or chemical burns.

5. Fire Fighting Measures

**Suitable extinguishing media**
Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical.

**Unsuitable extinguishing media**
Not available.

**Specific hazards arising from the chemical**
During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.

**Fire-fighting equipment/instructions**
In case of fire and/or explosion do not breathe fumes. In the event of fire, cool tanks with water spray. Move containers from fire area if you can do so without risk.

**Specific methods**
Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes.

**General fire hazards**
Flammable solid.

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**
Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). For waste disposal, see Section 13 of the SDS.

**Environmental precautions**
Collect and dispose of spillage as indicated in section 13 of the SDS. Avoid discharge into water courses.

7. Handling and Storage

**Precautions for safe handling**
Flammable, keep away from fire or flame. Do not use with electrocautery procedures. Use according to package label instructions. Discard after single use. Not to be used as pre-injection alcohol prep.

Wear appropriate personal protective equipment. Do not get this material in contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Observe good industrial hygiene practices. Use care in handling/storage.
Conditions for safe storage, including any incompatibilities
Store at room temperature.
For hospital and professional use only.
Keep away from heat, sparks and open flame.
Store in a cool, dry place out of direct sunlight.
Store in a well-ventilated place.
Store in original tightly closed container.
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

### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol (CAS 67-63-0)</td>
<td>PEL</td>
<td>980 mg/m3 400 ppm</td>
</tr>
</tbody>
</table>

### US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol (CAS 67-63-0)</td>
<td>STEL</td>
<td>400 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>200 ppm</td>
</tr>
</tbody>
</table>

### US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol (CAS 67-63-0)</td>
<td>STEL</td>
<td>1225 mg/m3 500 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>980 mg/m3 400 ppm</td>
</tr>
</tbody>
</table>

Biological limit values

### ACGIH Biological Exposure Indices

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol (CAS 67-63-0)</td>
<td>40 mg/l</td>
<td>Acetone</td>
<td>Urine</td>
<td>*</td>
</tr>
</tbody>
</table>

* - For sampling details, please see the source document.

Exposure guidelines
See above

Appropriate engineering controls
Ensure adequate ventilation. Provide eyewash station.

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
Follow label directions carefully.

Respiratory protection
Wear positive pressure self-contained breathing apparatus (SCBA).

Thermal hazards
Not available.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When using do not smoke. When using do not eat or drink.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Liquid Saturated on wipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid.</td>
</tr>
<tr>
<td>Form</td>
<td>Pre-moistened towelette</td>
</tr>
<tr>
<td>Color</td>
<td>Translucent.</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH</td>
<td>Not available.</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
Pour point
Specific gravity
Partition coefficient (n-octanol/water)
Flash point
Evaporation rate
Flammability (solid, gas)
Upper/lower flammability or explosive limits
Flammability limit - lower (%)
Flammability limit - upper (%)
Explosive limit - lower (%)
Explosive limit - upper (%)
Vapor pressure
Vapor density
Relative density
Solubility(ies)
Auto-ignition temperature
Decomposition temperature
Viscosity

10. Stability and Reactivity
Reactivity
Possibility of hazardous reactions
Chemical stability
Conditions to avoid
Incompatible materials
Hazardous decomposition products

11. Toxicological Information
Information on likely routes of exposure
Ingestion
Inhalation
Skin contact
Eye contact
Symptoms related to the physical, chemical and toxicological characteristics
Information on toxicological effects
Acute toxicity
### Components

**Isopropanol (CAS 67-63-0)**

<table>
<thead>
<tr>
<th>Test Type</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Dermal</td>
<td>Rabbit</td>
<td>12800 mg/kg</td>
</tr>
<tr>
<td>Acute Inhalation</td>
<td>Rat</td>
<td>16970 mg/l/4h</td>
</tr>
<tr>
<td>Acute Oral</td>
<td>Dog</td>
<td>4797 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Mouse</td>
<td>3600 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rabbit</td>
<td>5030 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>4396 mg/kg</td>
</tr>
</tbody>
</table>

### Skin corrosion/irritation
- Exposure minutes: Not available.
- Erythema value: Not available.
- Oedema value: Not available.

### Serious eye damage/eye irritation
- 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: This product is not expected to cause skin sensitization.

### Germ cell mutagenicity
- The finished product is not expected to have chronic health effects.

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

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
- Not listed.

### Reproductive toxicity
- The finished product is not expected to have chronic health effects.

### Specific target organ toxicity - single exposure
- Narcotic effects.

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

### Aspiration hazard
- Not classified.

### Chronic effects
- Prolonged inhalation may be harmful.

### Further information
- Not available.

## 12. Ecological Information

### Ecotoxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol (CAS 67-63-0)</td>
<td>Algae</td>
<td>IC50</td>
</tr>
<tr>
<td></td>
<td>Crustacea</td>
<td>EC50</td>
</tr>
<tr>
<td></td>
<td>Aquatic</td>
<td>Fish</td>
</tr>
</tbody>
</table>

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

### Bioaccumulative potential
- No data available.

### Partition coefficient n-octanol / water (log Kow)
- Isopropanol: 0.05

### 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
Follow container label directions carefully. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations
Dispose in accordance with all applicable regulations.

Hazardous waste code
Dispose in accordance with all applicable regulations.

Waste from residues / unused products
Dispose of in accordance with local regulations. 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
Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers 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.
Special Provision 47

15. Regulatory Information

US federal regulations

| TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) | Not regulated. |
| CERCLA Hazardous Substance List (40 CFR 302.4) | Isopropanol (CAS 67-63-0): Listed. |

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

- **SARA 302 Extremely hazardous substance**
  - No

- **SARA 311/312 Hazardous chemical**
  - No

- **SARA 313 (TRI reporting)**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>40 – 70</td>
</tr>
</tbody>
</table>

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)**
  - Regulated as a drug.

US state regulations

- **US - California Hazardous Substances (Director's): Listed substance**
  - Isopropanol (CAS 67-63-0): Listed.

- **US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**
  - Not listed.
Isopropanol (CAS 67-63-0) Listed.

US - Louisiana Spill Reporting: Listed substance
Isopropanol (CAS 67-63-0) Listed.

US - Minnesota Haz Subs: Listed substance
Isopropanol (CAS 67-63-0) Listed.

US - New Jersey RTK - Substances: Listed substance
Isopropanol (CAS 67-63-0) Listed.

US. Massachusetts RTK - Substance List
Isopropanol (CAS 67-63-0) Listed.

US. Pennsylvania RTK - Hazardous Substances
Isopropanol (CAS 67-63-0) Listed.

US. Rhode Island RTK
Isopropanol (CAS 67-63-0) Listed.

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

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

16. Other Information

LEGEND

| HEALTH   | 1 |
| FLAMMABILITY | 3 |
| 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 15-April-2015
Effective date 15-April-2015
Expiration date 15-April-2015

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

DO NOT USE IF PACKAGE IS OPENED.

Based on bulk liquid 4OB35301.

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).

Prepared by
Professional Disposables International, Inc. 1-845-365-1700