SAFETY DATA SHEET

1. Product and Company Identification

Product identifier Super Sani-Cloth Germicidal Wipe SDS 0020-00
Other means of identification Not available
Recommended use Disinfectant
Recommended restrictions For Professional and Hospital Use
Manufacturer/Importer/Supplier/Distributor information
Manufacturer

<table>
<thead>
<tr>
<th>Company name</th>
<th>Professional Disposables International, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Two Nice-Pak Park</td>
</tr>
<tr>
<td></td>
<td>Orangeburg, NY 10962-1376</td>
</tr>
<tr>
<td>Telephone</td>
<td>Phone (USA)</td>
</tr>
<tr>
<td></td>
<td>1-845-365-1700 (M-F 9am - 5pm)</td>
</tr>
<tr>
<td></td>
<td>Emergency Phone:</td>
</tr>
<tr>
<td></td>
<td>1-800-999-6423</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="http://www.pdihc.com">www.pdihc.com</a></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
Hazard statement Flammable solid.
Causes serious eye irritation.
Precautionary statement

Prevention Read label before use.
Keep away from heat/sparks/open flames/hot surfaces.
No smoking.
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.
In case of fire: Use appropriate media to extinguish.
Storage Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirements.

Hazards 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>Isopropyl Alcohol</td>
<td></td>
<td>67-63-0</td>
<td>55</td>
</tr>
<tr>
<td>n-Alkyl (60% C14, 32% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides</td>
<td></td>
<td>68391-01-5</td>
<td>0.25</td>
</tr>
<tr>
<td>n-Alkyl (68% C12, 32% C14) dimethyl ethyl/benzyl ammonium chlorides</td>
<td></td>
<td>68956-79-6</td>
<td>0.25</td>
</tr>
</tbody>
</table>
4. First Aid Measures

Inhalation
Not a normal route of exposure. If inhaled, remove to fresh air. Get medical attention if symptoms develop.

Skin contact
Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

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
Not a likely route of exposure. If ingestion does occur, call a poison control center or doctor for treatment advice.

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
Treat patient symptomatically.

General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Avoid contact with eyes.

5. Fire Fighting Measures

Suitable extinguishing media

Unsuitable extinguishing media
None known.

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 product with water spray. Move product 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 products 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). Pick up and discard towelette. 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
Not a skin wipe. For use on hard non-porous surfaces only.
Do not use or store near heat or open flame.
Use according to package label instructions.
Use good industrial hygiene practices in handling this product.
Wear appropriate personal protective equipment.
Wash thoroughly after handling.
When using do not eat or drink.

Conditions for safe storage, including any incompatibilities
Do not contaminate water, food or feed by storage or disposal.
When not in use keep container closed to prevent moisture loss.
Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol (CAS 67-63-0)</td>
<td>PEL</td>
<td></td>
<td>980 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>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>Isopropyl Alcohol (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>Isopropyl Alcohol (CAS 67-63-0)</td>
<td>STEL</td>
<td>1225 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>500 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>980 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>400 ppm</td>
</tr>
</tbody>
</table>

Biological limit values

<table>
<thead>
<tr>
<th>ACGIH Biological Exposure Indices</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol (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

Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH or OSHA PEL.

Appropriate engineering controls

Provide eyewash station. Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye protection as appropriate.

Skin protection

Hand protection

Wear disposable protective gloves as appropriate.

Other

As required by employer code.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

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 eat or drink. When using do not smoke.

9. Physical and Chemical Properties

Appearance

Liquid saturated on wipe

Physical state

Solid.

Form

Solid.

Color

Colorless to Slightly yellow

Odor

Alcohol

Odor threshold

Not available.

pH

5.75 - 8.50

Melting point/freezing point

Not available.

Initial boiling point and boiling range

Not available.

Pour point

Not available.

Specific gravity

0.892

Partition coefficient (n-octanol/water)

Not available.

Flash point

75.0 °F (23.9 °C) (Liquid)

Evaporation rate

Not available.

Flammability (solid, gas)

Flammable solid.

Upper/lower flammability or explosive limits

<p>| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%)    | Not available. |</p>
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explosive limit - upper (%)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

### 10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Reactivity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermal</td>
<td>Do not use on natural marble, windows, unpainted wood or brass, clear plastic or colored grout. This product may react with strong acids and strong oxidizing agents.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Hazardous polymerization does not occur.</td>
</tr>
</tbody>
</table>

#### Possibility of hazardous reactions
- Material is stable under normal conditions.

#### Chemical stability
- Contact with incompatible materials.
- Heat, flames and sparks.

#### Incompatible materials

#### Hazardous decomposition products
- May include and are not limited to: Oxides of carbon. Ammonia. Chloride compounds.

### 11. Toxicological Information

#### Information on likely routes of exposure
- **Ingestion**: Harmful if swallowed.
- **Inhalation**: Health injuries are not known or expected under normal use.
- **Skin contact**: Non-irritating based on test data.
- **Eye contact**: Causes serious eye irritation.

#### Symptoms related to the physical, chemical and toxicological characteristics
- Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
- Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

#### Information on toxicological effects

##### Acute toxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol (CAS 67-63-0)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal LD50</td>
<td>Rabbit</td>
<td>12800 mg/kg</td>
</tr>
<tr>
<td>Inhalation LC50</td>
<td>Rat</td>
<td>16970 mg/l/4h</td>
</tr>
<tr>
<td>Oral LD50</td>
<td>Dog</td>
<td>4797 mg/kg</td>
</tr>
<tr>
<td>Mouse</td>
<td></td>
<td>3600 mg/kg</td>
</tr>
<tr>
<td>Rabbit</td>
<td></td>
<td>5030 mg/kg</td>
</tr>
<tr>
<td>Rat</td>
<td></td>
<td>4396 mg/kg</td>
</tr>
</tbody>
</table>

| n-Alkyl (60% C14, 32% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides (CAS 68391-01-5) | | |
| **Acute** | | |
| Dermal LD50 | Rat | 2000 mg/kg |
| Inhalation LC50 | Not available | |
| Oral LD50 | Mouse | 150 mg/kg |
| Rat | | 240 mg/kg |
**Components**  
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides (CAS 68956-79-6)

**Species**  

<table>
<thead>
<tr>
<th>Test Results</th>
<th>Acute</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dermal</strong></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>250 mg/kg</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**  
Non-irritating based on test data.

**Exposure minutes**  
Not available.

**Erythema value**  
Not available.

**Oedema value**  
Not available.

**Serious eye damage/eye irritation**  
Causes serious eye irritation based on test results.

- **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 applicable.

**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**  
  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**  
See below

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

**Aquatic**  

| Fish | LC50 | Bluegill (Lepomis macrochirus) | > 1400 mg/l, 96 hours |

**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)**  
  Isopropyl Alcohol  
  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. 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. Review federal, state/provincial, and local government requirements prior to disposal.

Dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.

Local disposal regulations
See above

Hazardous waste code
Assign as required.

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)

Basic shipping requirements:
UN number UN3175
Proper shipping name Solids containing flammable liquid, n.o.s. (Isopropyl Alcohol)
Hazard class 4.1
Packing group II
Packaging exceptions <1kg - limited quantity (par. 173.151)

DOT

15. Regulatory Information

US federal regulations
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. Warning: Causes substantial but temporary eye damage. Do not get in eyes or on clothing. Avoid contact with skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using restroom. Remove and wash contaminated clothing before re-use.

EPA Reg. # 9480-4

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

CERCLA Hazardous Substance List (40 CFR 302.4)
Isopropyl Alcohol (CAS 67-63-0) Listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not 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>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>55</td>
</tr>
</tbody>
</table>

Other federal regulations
- Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List  Not regulated.
- Safe Drinking Water Act (SDWA)  Not regulated.
- Food and Drug Administration (FDA)  Not regulated.

US state regulations  California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

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

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

Isopropyl Alcohol (CAS 67-63-0)  Listed.

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

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

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

US - Texas Effects Screening Levels: Listed substance
Isopropyl Alcohol (CAS 67-63-0)  Listed.

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

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

US. Rhode Island RTK
Isopropyl Alcohol (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

<table>
<thead>
<tr>
<th>LEGEND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe</td>
</tr>
<tr>
<td>Serious</td>
</tr>
<tr>
<td>Moderate</td>
</tr>
<tr>
<td>Slight</td>
</tr>
<tr>
<td>Minimal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEALTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>/ 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FLAMMABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHYSICAL HAZARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
</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
27-March-2015

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.

Not for use on skin. Not a baby wipe. For use on hard surfaces only.
Do not use on natural marble, windows, unpainted wood, brass, clear plastic or coloured grout.

Revision 1. Changed eye toxicity categorization to Category 2A and revised transportation section. Also changed bulk liquid number and made other miscellaneous changes.

Based on bulk liquid # 4FQ51801.

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