## 1. Identification

**Product identifier**

**Product Name**  
Sani-Cloth AF3 Germicidal Disposable Wipe

**Other means of identification**

**Product Code(s)**  
SDS 0101-00

**Registration Number**  
9480-9

**Synonyms Other information**  
None

**Bulk Liquid 4OP63801 and 4AP63801**

**Recommended use of the chemical and restrictions on use**

**Recommended use**  
Use as a disinfectant on hard, non-porous surfaces. Read and understand the entire label before using. Use only according to label directions. It is a violation of Federal law to use this product in a manner inconsistent to label directions.

**Restrictions on use**  
For professional and hospital use.

### Details of the supplier of the safety data sheet

**Manufacturer Address**

Professional Disposables International, Inc.  
400 Chestnut Ridge Road  
Woodcliff Lake, NJ 07677

**Emergency telephone number**

**Emergency Telephone**  
PERS:  
1-800-633-8253 (Domestic/Canada)  
1-801-699-0667 (International)

## 2. Hazard(s) identification

**Classification**

Not Classified

**Appearance**  
Colorless liquid saturated on a wipe.

**Physical state**  
Pre-moistened Wipe.

**Odor**  
Slight solvent odor.

**Label elements**

**Hazard statements**

Not Required.
3. Composition/information on ingredients

**Substance**
Not applicable.

**Mixture**
The product contains no substances which at their given concentration, are considered to be hazardous to health.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Hazardous Material Information Review Act registry number (HMIRA registry #)</th>
<th>Date HMIRA filed and date exemption granted (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides</td>
<td>68956-79-6</td>
<td>0.14</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Benzyl-C12-18-alkyldimethyl ammonium chlorides</td>
<td>68391-01-5</td>
<td>0.14</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

4. First-aid measures

**Description of first aid measures**

**Inhalation**
Not a normal route of exposure. If symptoms develop move victim to fresh air. Get medical attention if symptoms develop.

**Eye contact**
Rinse thoroughly with water. Get medical attention if irritation occurs and persists.

**Skin contact**
No first aid should be required. Wash skin with water. Get medical attention if irritation develops or persists.

**Ingestion**
Ingestion is unlikely for solid products. No first aid is required for small amounts transferred from hands to mouth.

**Most important symptoms and effects, both acute and delayed**

**Symptoms**
No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians**
Treat symptomatically.

5. Fire-fighting measures

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media  CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical  No information available.

Explosion data
- Sensitivity to mechanical impact  None.
- Sensitivity to static discharge  None.

Special protective equipment for fire-fighters  Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Contain runoff.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions  Avoid prolonged contact with eyes. Wear appropriate protective clothing as described in Section 8.

Methods and material for containment and cleaning up

Do not reuse towelette. Pick up wipe and place in an appropriate container for infectious waste disposal. Do not flush in toilet.

7. Handling and storage

Precautions for safe handling

Advice on safe handling  Avoid prolonged contact with eyes. Wear protective clothing and equipment as described in Section 8. Wash hands thoroughly with soap and water after use. Keep containers closed when not in use. Refer product label for additional information on use and handling.

Conditions for safe storage, including any incompatibilities  Store in a cool, dry location away from incompatible materials. Do not store near heat or open flame. Protect container from physical damage. Keep containers closed when not in use to prevent moisture loss.

8. Exposure controls/personal protection

Control parameters

Exposure Limits  This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls  General ventilation is adequate under normal conditions of use. Refer product label for additional information.

Individual protection measures, such as personal protective equipment

Eye/face protection  None required under normal use conditions.
Skin and body protection: None required under normal use conditions.

Respiratory protection: None required for normal use. In case of insufficient ventilation, wear suitable respiratory equipment. Refer product label for additional information.

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>9-11.5</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>0 °C / 32 °F</td>
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<td>None known</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>100.00 °C / 212 °F</td>
<td>None known</td>
<td>Liquid</td>
</tr>
<tr>
<td>Flash point</td>
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<td>None known</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
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<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
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<td></td>
</tr>
<tr>
<td>Upper flammability or explosive limits</td>
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<tr>
<td>Lower flammability or explosive limits</td>
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<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
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<td>None known</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
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<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>0.995-1.045</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
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<td>None known</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
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<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
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<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
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<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
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<td>None known</td>
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</tr>
<tr>
<td>Other information</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
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<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
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</tr>
<tr>
<td>Softening point</td>
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</tr>
<tr>
<td>Molecular weight</td>
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<td></td>
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</tr>
<tr>
<td>VOC Content (%)</td>
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</tr>
<tr>
<td>Liquid Density</td>
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</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Stable under normal storage and handling conditions.

Possibility of hazardous reactions: None under normal processing.

Conditions to avoid: Keep away from heat and open flames.

Incompatible materials: None known based on information supplied.
Hazardous decomposition products None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure
Product Information

Inhalation
Inhalation of vapors in high concentration may cause irritation of upper respiratory tract.

Eye contact
Minimal eye irritation based on test data from the OPPTS 870.2400 Acute Eye Irritation Study which resulted in Toxicity Category III.

Skin contact
Minimal skin irritation based on test data from the OPPTS 870.2500 Acute Skin Irritation Study which resulted in Toxicity Category IV.

Ingestion
Ingestion is unlikely for solid products. This product contains only a small amount of liquid. No adverse effects are expected. Swallowing the free liquid may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms
No information available.

Acute toxicity

Numerical measures of toxicity
The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 35,892.00 mg/kg

Unknown acute toxicity
4.5 % of the mixture consists of ingredient(s) of unknown toxicity
0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
4.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
4.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
4.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Oral LD50
>5000mg/kg

Dermal LD50
>5000 mg/kg

Inhalation LC50
>2.6 mg/L/4hr

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl-C12-18-alkyldimethyl ammonium chlorides 68391-01-5</td>
<td>= 850 mg/kg ( Rat )</td>
<td>= 2300 mg/kg ( Rabbit )</td>
<td>-</td>
</tr>
</tbody>
</table>

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation
This product may cause minimal irritation based on test data.

Eye damage/eye irritation
This product may cause minimal irritation based on test data.

Respiratory or skin sensitization
No information available.

Germ cell mutagenicity
No information available.

Carcinogenicity
No information available.
**Reproductive toxicity**  
No information available.

**STOT - single exposure**  
No information available.

**STOT - repeated exposure**  
No information available.

**Aspiration hazard**  
No information available.

### 12. Ecological information

**Ecotoxicity**  
The environmental impact of this product has not been fully investigated.

**Persistence and degradability**  
No information available.

**Bioaccumulation**  
No information available.

**Other adverse effects**  
No information available.

### 13. Disposal considerations

**Waste treatment methods**

**Towelette Disposal**  
Do not resuse towelette. Dispose of used towelette in trash. Do not flush in toilet.

**Towelette Disposal**  
Nonrefillable container. Do not reuse or refill this container. Dispose in accordance with all local, state and federal regulations.

Empty containers may retain some product residues. This material and its container must be disposed of in a safe manner. Dispose in accordance with all local, state and federal regulations.

### 14. Transport information

**DOT**

<table>
<thead>
<tr>
<th>UN/ID no</th>
<th>Proper shipping name</th>
<th>Hazard class</th>
<th>Packing group</th>
<th>Environmental Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>Not Regulated</td>
<td>None</td>
<td>None</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

**ICAO (air)**

<table>
<thead>
<tr>
<th>UN/ID no</th>
<th>Proper shipping name</th>
<th>Hazard class</th>
<th>Packing group</th>
<th>Environmental Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>Not Regulated</td>
<td>None</td>
<td>None</td>
<td>Not Applicable</td>
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</table>
IATA

<table>
<thead>
<tr>
<th>UN number</th>
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</thead>
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<tr>
<td>UN proper shipping name</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>None</td>
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<tr>
<td>Packing group</td>
<td>None</td>
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<tr>
<td>Environmental Hazard</td>
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IMDG

<table>
<thead>
<tr>
<th>UN number</th>
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<tbody>
<tr>
<td>UN proper shipping name</td>
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<td>Transport hazard class(es)</td>
<td>None</td>
</tr>
<tr>
<td>Packing group</td>
<td>None</td>
</tr>
<tr>
<td>Environmental Hazard</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

Note: Inner packages with more than 5 kg of solid/ 5L of liquid will be shipped as dangerous goods under IMDG and ICAO: UN3082 Hazard Class 9 / Packaging Group III.

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer  Not applicable

The Stockholm Convention on Persistent Organic Pollutants  Not applicable

The Rotterdam Convention  Not applicable

International Inventories

<table>
<thead>
<tr>
<th>International Inventories</th>
<th>Contact supplier for inventory compliance status.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>ENCS</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>IECSC</td>
<td>Contact supplier for inventory compliance status.</td>
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<tr>
<td>KECL</td>
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<tr>
<td>PICCS</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>AICS</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
</tbody>
</table>

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

**CWA (Clean Water Act)**
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations**

**California Proposition 65**
This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1310-73-2</td>
<td>X</td>
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**EPA Pesticide Registration Number** 9480-9

16. Other information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
</tr>
</thead>
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<td></td>
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<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

Key or legend to abbreviations and acronyms used in the safety data sheet

- **Legend** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
  - TWA TWA (time-weighted average)
  - STEL STEL (Short Term Exposure Limit)
  - Ceiling Maximum limit value
  - Skin designation

- **Key literature references and sources for data used to compile the SDS**
  - Agency for Toxic Substances and Disease Registry (ATSDR)
  - U.S. Environmental Protection Agency ChemView Database
  - European Food Safety Authority (EFSA)
  - EPA (Environmental Protection Agency)
  - Acute Exposure Guideline Level(s) (AEG(s))
  - U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
  - U.S. Environmental Protection Agency High Production Volume Chemicals
  - Food Research Journal
  - Hazardous Substance Database
  - International Uniform Chemical Information Database (IUCLID)
  - Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

Issuing Date 01-Feb-2018
Revision date 12-Oct-2022
Revision Note Revision 7

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the
date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage,
transportation, disposal and release and is not to be considered a warranty or quality specification. The information
relates only to the specific material designated and may not be valid for such material used in combination with any other
materials or in any process, unless specified in the text.

End of Safety Data Sheet