

## 1. Product and Company Identification

<b>Product identifier</b>	<b>Sani-Wipe No Rinse Surface Sanitizing Wipes</b>	<b>SDS 0026-00</b>
<b>Other means of identification</b>	Not available	
<b>Recommended use</b>	Hard (non-porous) surface cleaner.	
<b>Recommended restrictions</b>	Not for in-home use. Not a baby wipe. For food plant and other industrial use, including restaurants, fast food chains, cafeterias, delicatessens, and temporary food establishments.	
<b>Manufacturer</b>	Professional Disposables International, Inc. Two Nice-Pak Park, Orangeburg, NY 10962-1376 or Distributed By: Professional Disposables International, LTD Vaughan, Ontario L4L 4K9 Canada Phone: (USA) 1-845-365-1700 (M-F 9am - 5pm) Phone: (CANADA) 1-800-263-7067 Emergency Phone: 1-800-999-6423	

## 2. Hazards Identification

<b>Physical hazards</b>	Flammable liquids	Category 3
<b>Health hazards</b>	Serious eye damage/eye irritation	Category 2B
<b>Environmental hazards</b>	Not determined.	
<b>OSHA defined hazards</b>	None additional.	

**Label elements**



<b>Signal word</b>	Warning
<b>Hazard statement</b>	Flammable liquid and vapor. Causes eye irritation.
<b>Precautionary statement</b>	
<b>Prevention</b>	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Wash thoroughly after handling.
<b>Response</b>	If in eyes: Rinse cautiously with water for 15 - 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of fire: Use appropriate media to extinguish. If eye irritation persists: Get medical advice/attention.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	Not applicable.

## 3. Composition/Information on Ingredients

**Mixture**

Chemical name	Common name and synonyms	CAS number	%
Isopropanol		67-63-0	5.48
Alkyl benzyl dimethyl ammonium chloride		68424-85-1	0.0175

## 4. First Aid Measures

<b>Inhalation</b>	Not a normal route of exposure. If inhaled, remove to fresh air. Get medical attention if symptoms develop.
<b>Skin contact</b>	Non-irritating. Not a normal route of harmful exposure. Wash hands with soap and water. Get medical attention if irritation develops.
<b>Eye contact</b>	Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation occurs.

<b>Ingestion</b>	DO NOT induce vomiting unless directed to do so by medical personnel. Rinse mouth. If ingestion of a large amount does occur, call a physician immediately.
<b>Most important symptoms/effects, acute and delayed</b>	Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat patient symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Avoid contact with eyes.

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## 5. Fire Fighting Measures

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<b>Suitable extinguishing media</b>	Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	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.
<b>Fire-fighting equipment/instructions</b>	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.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials. Move products from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
<b>General fire hazards</b>	Flammable solid.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available.
<b>Sensitivity to static discharge</b>	Not available.

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## 6. Accidental Release Measures

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<b>Personal precautions, protective equipment and emergency procedures</b>	This is a pre-moistened wipe product without free flowing liquid. For clean-up, wear appropriate protective equipment and clothing. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Do not contaminate water courses or ground.

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## 7. Handling and Storage

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<b>Precautions for safe handling</b>	Read and follow product label instructions. Keep out of reach of children.
<b>Conditions for safe storage, including any incompatibilities</b>	Do not use or store near heat, open flame or any other source of ignition. Keep container closed. Use product only from original container. Do not freeze. Store away from incompatible materials listed in Section 10 of the SDS.

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## 8. Exposure Controls/Personal Protection

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### Occupational exposure limits

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

Components	Type	Value
Isopropanol (CAS 67-63-0)	PEL	980 mg/m3
		400 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Isopropanol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

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

Components	Type	Value
Isopropanol (CAS 67-63-0)	STEL	1225 mg/m3

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

Components	Type	Value
		500 ppm
	TWA	980 mg/m <sup>3</sup>
		400 ppm

**Biological limit values**

**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Isopropanol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*

\* - 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** General ventilation normally adequate.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Not normally required when used as directed.

**Skin protection**

**Hand protection** Not normally required when used as directed.

**Other** Not normally required.

**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 thoroughly after handling. When using do not smoke. When using do not eat or drink.

**9. Physical and Chemical Properties**

<b>Appearance</b>	Liquid saturated on wipe
<b>Physical state</b>	Solid.
<b>Form</b>	Pre-moistened towelette.
<b>Color</b>	Colorless
<b>Odor</b>	slight alcohol
<b>Odor threshold</b>	Not available.
<b>pH</b>	6.5 (liquid)
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Pour point</b>	Not available.
<b>Specific gravity</b>	0.989 ml/g (liquid)
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Flash point</b>	112.0 °F (44.4 °C) (liquid)
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Flammable solid.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Towelette not soluble
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.

Viscosity Not available.

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## 10. Stability and Reactivity

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**Reactivity** This product may react with strong acids and strong oxidizing agents.  
**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.  
**Chemical stability** Material is stable under normal conditions.  
**Conditions to avoid** Do not freeze.  
Source of ignition.  
Contact with incompatible materials.  
**Incompatible materials** Strong oxidizing agents. Acids.  
**Hazardous decomposition products** May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

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## 11. Toxicological Information

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

**Information on likely routes of exposure**

**Ingestion** Health injuries are not known or expected under normal use.

**Inhalation** Health injuries are not known or expected under normal use.

**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** Direct contact with eyes may cause temporary irritation.  
Symptoms may include stinging, tearing, redness, swelling of the eyes, and blurred vision.

**Information on toxicological effects**

**Acute toxicity**

Components	Species	Test Results
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Alkyl benzyl dimethyl ammonium chloride (CAS 68424-85-1)

**Acute**

*Dermal*

LD50	Rat	3346 mg/kg
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*Inhalation*

LC50	Not available	
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*Oral*

LD50	Rat	426 mg/kg
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Isopropanol (CAS 67-63-0)

**Acute**

*Dermal*

LD50	Rabbit	12800 mg/kg
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*Inhalation*

LC50	Rat	16970 mg/l/4h
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*Oral*

LD50	Dog	4797 mg/kg
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	Mouse	3600 mg/kg
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	Rabbit	5030 mg/kg
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	Rat	4396 mg/kg
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**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** May cause irritation.

**Corneal opacity value** Not available.

**Iris lesion value** Not available.

**Conjunctival reddening value** Not available.

<b>Conjunctival oedema value</b>	Not available.
<b>Recover days</b>	Not available.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not classified.
<b>Skin sensitization</b>	Not a skin sensitizer based on test data.
<b>Germ cell mutagenicity</b>	The finished product is not expected to have chronic health effects.
<b>Mutagenicity</b>	The finished product is not expected to have chronic health effects.
<b>Carcinogenicity</b>	The finished product is not expected to have chronic health effects.
<b>ACGIH Carcinogens</b>	
Isopropanol (CAS 67-63-0)	A4 Not classifiable as a human carcinogen.
<b>Reproductive toxicity</b>	The finished product is not expected to have chronic health effects.
<b>Teratogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.
<b>Chronic effects</b>	The finished product is not expected to have chronic health effects.
<b>Further information</b>	Not available.
<b>Name of Toxicologically Synergistic Products</b>	Not available.

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## 12. Ecological Information

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<b>Ecotoxicity</b>	See below		
<b>Components</b>		<b>Species</b>	<b>Test Results</b>
Alkyl benzyl dimethyl ammonium chloride (CAS 68424-85-1)			
<b>Aquatic</b>			
Fish	LC50	Striped bass ( <i>Morone saxatilis</i> )	10.4 - 19.1 mg/l, 96 hours
Isopropanol (CAS 67-63-0)			
Algae	IC50	Algae	1000 mg/L, 72 Hours
Crustacea	EC50	Daphnia	13299 mg/L, 48 Hours
<b>Aquatic</b>			
Fish	LC50	Bluegill ( <i>Lepomis macrochirus</i> )	> 1400 mg/l, 96 hours
<b>Persistence and degradability</b>	No data is available on the degradability of this product.		
<b>Bioaccumulative potential</b>	No data available.		
<b>Mobility in soil</b>	No data available.		
<b>Mobility in general</b>	Not available.		
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		

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## 13. Disposal Considerations

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<b>Disposal instructions</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.  Refer to product label for specific disposal instructions.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	Assign as required.
<b>Waste from residues / unused products</b>	This material and its packaging must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied.


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## 14. Transport Information

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<b>U.S. Department of Transportation (DOT)</b>	Not regulated.
<b>Transportation of Dangerous Goods (TDG - Canada)</b>	Not regulated.

## 15. Regulatory Information

<b>Canadian federal regulations</b>	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.
<b>Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number</b>	
Isopropanol (CAS 67-63-0)	1 TONNES
<b>Canada WHMIS Ingredient Disclosure: Threshold limits</b>	
Isopropanol (CAS 67-63-0)	1 %
<b>WHMIS status</b>	Controlled
<b>WHMIS classification</b>	Class B - Division 3 - Combustible Liquid
<b>WHMIS labeling</b>	
	
<b>US federal regulations</b>	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: Avoid contact with eyes. Do not use for cleansing or sanitizing human skin. EPA Reg. # 9480-7 EPA Est. # 9480-NY-1.
<b>US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration</b>	
Isopropanol (CAS 67-63-0)	1.0 %
<b>US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance</b>	
Isopropanol (CAS 67-63-0)	Listed.
<b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>	
	Not regulated.
<b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>	
Isopropanol (CAS 67-63-0)	Listed.
<b>US CAA Section 111 Volatile Organic Compounds: Listed substance</b>	
Isopropanol (CAS 67-63-0)	Listed.
<b>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)</b>	
	Not regulated.
<b>US - California Hazardous Substances (Director's): Listed substance</b>	
Isopropanol (CAS 67-63-0)	Listed.
<b>US - California Proposition 65 - Carcinogens &amp; Reproductive Toxicity (CRT): Listed substance</b>	
	Not listed.
<b>US - Illinois Chemical Safety Act: Listed substance</b>	
Isopropanol (CAS 67-63-0)	Listed.
<b>US - Louisiana Spill Reporting: Listed substance</b>	
Isopropanol (CAS 67-63-0)	Listed.
<b>US - Minnesota Haz Subs: Listed substance</b>	
Isopropanol (CAS 67-63-0)	Listed.
<b>US - New Jersey RTK - Substances: Listed substance</b>	
Isopropanol (CAS 67-63-0)	Listed.
<b>US - Texas Effects Screening Levels: Listed substance</b>	
Alkyl benzyl dimethyl ammonium chloride (CAS 68424-85-1)	Listed.
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.

**Inventory status**

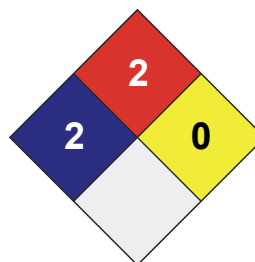
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. Other Information**

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

<b>HEALTH</b>	/ 2
<b>FLAMMABILITY</b>	2
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	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**

20-April- 2015

**Effective date**

20-April-2015

**Expiry date**

20-April-2018

**Further information**

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

Revision 0.

Bulk Liquid # 4AQ94301.

**Prepared by**

Professional Disposables International, Inc. Phone: 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.