

## 1. Product and Company Identification

<b>Product identifier</b>	<b>Sani-Hands Instant Hand Sanitizing Wipes</b>	<b>SDS 0098-00</b>
<b>Other means of identification</b>	Not available	
<b>Recommended use</b>	Antiseptic	
<b>Recommended restrictions</b>	None known.	
<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 solids	Category 1
<b>Health hazards</b>	Serious eye damage/eye irritation	Category 2A
<b>Environmental hazards</b>	Not determined	
<b>OSHA defined hazards</b>	None additional	

**Label elements**



<b>Signal word</b>	Danger		
<b>Hazard statement</b>	Flammable solid. Causes serious eye irritation.		
<b>Precautionary statement</b>			
<b>Prevention</b>	Keep away from fire or flame. Keep container closed.		
<b>Response</b>	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. In case of fire: Use appropriate media to extinguish.		
<b>Storage</b>	Store in a well-ventilated place. Keep container closed.		
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.		
<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	%
Alcohol		64-17-5	40 - 70
Propylene glycol		57-55-6	1 - 5

**Composition comments**      The exact % concentration of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA HCS 1910.1200.  
All concentrations are expressed as % weight.

## 4. First Aid Measures

**Inhalation**      If inhaled for a prolonged period of time, remove person to fresh air and keep comfortable for breathing.

<b>Skin contact</b>	Discontinue use if irritation and redness develop. If condition persists for more than 72 hours, consult a physician.
<b>Eye contact</b>	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	If swallowed, get medical help or contact a Poison Control Center immediately.
<b>Most important symptoms/effects, acute and delayed</b>	Symptoms may include stinging, tearing, redness, swelling of the eyes, and blurred vision. Direct contact with eyes may cause temporary irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat patient symptomatically.
<b>General information</b>	If you feel unwell, seek medical advice (show the label where possible). Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes. Keep away from sources of ignition. No smoking. Keep out of reach of children.

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## 5. Fire Fighting Measures

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<b>Suitable extinguishing media</b>	Dry chemical. Carbon dioxide. Foam.
<b>Unsuitable extinguishing media</b>	Do not use water jet.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed. Firefighters should wear a self-contained breathing apparatus.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	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.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Flammable solid.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon.
<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>	Wear appropriate protective equipment and clothing during clean-up. Avoid contact with eyes. Ventilate closed spaces before entering them. 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).  Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering waterways. Contact emergency services and supplier for advice.  Large Spills: Following product recovery, flush area with water. Wipe or mop up liquid, if any, and dispose properly.
<b>Environmental precautions</b>	Do not discharge into waterways.

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## 7. Handling and Storage

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<b>Precautions for safe handling</b>	WARNING Flammable, keep away from fire or flame. Do not use in contact with eyes. For external use only.  Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Avoid prolonged exposure. Keep container closed. Use according to package label instructions.
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**Conditions for safe storage, including any incompatibilities**

Store in a cool, dry place out of direct sunlight.  
 Store in a closed container away from incompatible materials.  
 Store in a well-ventilated place.  
 Keep away from heat, open flames or other sources of ignition.  
 Store away from incompatible materials (see Section 10 of the SDS).  
 Keep this out of reach of children unless under adult supervision.

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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
Alcohol (CAS 64-17-5)	PEL	1900 mg/m <sup>3</sup> 1000 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value
Alcohol (CAS 64-17-5)	STEL	1000 ppm

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

Components	Type	Value
Alcohol (CAS 64-17-5)	TWA	1900 mg/m <sup>3</sup> 1000 ppm

**US. AIHA Workplace Environmental Exposure Level (WEEL) Guides**

Components	Type	Value	Form
Propylene glycol (CAS 57-55-6)	TWA	10 mg/m <sup>3</sup>	Aerosol.

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Exposure guidelines**

See above

**Appropriate engineering controls**

General ventilation normally adequate. 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** Not required.

**Other** As required by employer code.  
Follow label directions carefully.

**Respiratory protection**

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Wear positive pressure self-contained breathing apparatus (SCBA).

**Thermal hazards**

Not applicable.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice. When using do not smoke.

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## 9. Physical and Chemical Properties

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**Appearance** Liquid saturated on wipe

**Physical state** Solid.

**Form** Liquid saturated on wipe

**Color** Colorless

**Odor** Alcohol

**Odor threshold** Not available.

**pH** 7.5

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** Not available.

**Pour point** Not available.

**Specific gravity** 0.883 (Liquid)

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

<b>Flash point</b>	71.6 °F (22.0 °C) Tag Closed Cup (Liquid)
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<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>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Flash point class</b>	Combustible II

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## 10. Stability and Reactivity

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<b>Reactivity</b>	This product may react with strong oxidizing agents.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals. Avoid heat, sparks, open flames and other ignition sources.
<b>Incompatible materials</b>	Strong oxidizing agents. Oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

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## 11. Toxicological Information

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<b>Routes of exposure</b>	Inhalation. Ingestion. Skin contact. Eye contact.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Inhalation</b>	Prolonged inhalation may be harmful. May cause irritation to the respiratory system. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
<b>Skin contact</b>	Non-irritating based on test data.
<b>Eye contact</b>	May be irritating to eyes.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Symptoms may include stinging, tearing, redness, swelling of the eyes, and blurred vision. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
<b>Information on toxicological effects</b>	
<b>Acute toxicity</b>	Narcotic effects. May cause respiratory irritation.

Toxicity data in this section is based on individual component information and not based on the finished product.

Components	Species	Test Results
Alcohol (CAS 64-17-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Not available	
<i>Inhalation</i>		
LC50	Mouse	39 mg/l, 4 Hours
	Rat	31623 ppm, 4 Hours
		20000 ppm, 10 Hours

Components	Species	Test Results
<i>Oral</i> LD50	Dog	5500 mg/kg
	Guinea pig	5600 mg/kg
	Mouse	3450 mg/kg
	Rat	7060 mg/kg
Propylene glycol (CAS 57-55-6)		
<b>Acute</b>		
<i>Dermal</i> LD50	Rabbit	20800 mg/kg
<i>Inhalation</i> LC50	Not available	
<i>Oral</i> LD50	Dog	19000 mg/kg
	Guinea pig	184000 mg/kg
	Mouse	23900 mg/kg
	Rabbit	14800 mg/kg
	Rat	20000 mg/kg
<b>Skin corrosion/irritation</b>	Non-irritating based on test data.	
<b>Exposure minutes</b>	Not available.	
<b>Erythema value</b>	Not available.	
<b>Oedema value</b>	Not available.	
<b>Serious eye damage/eye irritation</b>	May cause irritation.	
<b>Corneal opacity value</b>	Not available.	
<b>Iris lesion value</b>	Not available.	
<b>Conjunctival reddening value</b>	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>	This product is not expected to cause skin sensitization.	
<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>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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Ecotoxicity	See below		
Components		Species	Test Results
Alcohol (CAS 64-17-5)			
Crustacea	EC50	Daphnia	11744.5 mg/L, 48 Hours

Components	Species	Test Results
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) 7.7 - 11.2 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) > 100 mg/l, 96 hours
Propylene glycol (CAS 57-55-6)		
Crustacea	EC50	Daphnia 10000 mg/L, 48 Hours
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) > 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) 710 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>	Not available.	

### 13. Disposal Considerations

<b>Disposal instructions</b>	Review federal, state/provincial, and local government requirements prior to disposal. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	See above
<b>Hazardous waste code</b>	Not assigned.
<b>Waste from residues / unused products</b>	Empty containers may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	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:

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

Note: Individually wrapped packet product is exempted from DOT regulation per Special Provision 47.

#### Transportation of Dangerous Goods (TDG - Canada)

##### Basic shipping requirements:

<b>UN number</b>	UN3175
<b>Proper shipping name</b>	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Alcohol)
<b>Hazard class</b>	4.1
<b>Packing group</b>	II
<b>Packaging exceptions</b>	<1Kg-Limited Quantity

#### DOT; TDG



### 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.
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#### Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number

Alcohol (CAS 64-17-5)

1 TONNES

**Canada WHMIS Ingredient Disclosure: Threshold limits**

Alcohol (CAS 64-17-5)	0.1 %
Propylene glycol (CAS 57-55-6)	1 %

**WHMIS classification** Exempt - Notified cosmetic under the Food & Drugs Act

**US federal regulations** This product contains a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**US CAA Section 111 Volatile Organic Compounds: Listed substance**

Alcohol (CAS 64-17-5)	Listed.
Propylene glycol (CAS 57-55-6)	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)**

**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)**  
Not regulated.

**Other federal regulations**

**Safe Drinking Water Act (SDWA)** Not regulated.

**Food and Drug Administration (FDA)** Regulated as a monograph drug product.

**US state regulations** See below

**US - California Hazardous Substances (Director's): Listed substance**

Alcohol (CAS 64-17-5)	Listed.
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**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Not listed.

**US - Illinois Chemical Safety Act: Listed substance**

Alcohol (CAS 64-17-5)	Listed.
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**US - Louisiana Spill Reporting: Listed substance**

Alcohol (CAS 64-17-5)	Listed.
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**US - Minnesota Haz Subs: Listed substance**

Alcohol (CAS 64-17-5)	Listed.
Propylene glycol (CAS 57-55-6)	Listed.

**US - New Jersey RTK - Substances: Listed substance**

Alcohol (CAS 64-17-5)	Listed.
Propylene glycol (CAS 57-55-6)	Listed.

**US - Texas Effects Screening Levels: Listed substance**

Alcohol (CAS 64-17-5)	Listed.
Propylene glycol (CAS 57-55-6)	Listed.

**US. Massachusetts RTK - Substance List**

Alcohol (CAS 64-17-5)	Listed.
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**US. Pennsylvania RTK - Hazardous Substances**

Alcohol (CAS 64-17-5)	Listed.
Propylene glycol (CAS 57-55-6)	Listed.

**US. Rhode Island RTK**

Not regulated.

**Inventory status**

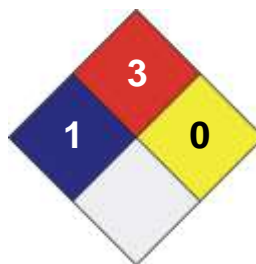
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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

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**

01-April-2015

**Effective date**

01-September-2014

**Expiry date**

01-September-2017

**Further information**

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

Revision 1.

Hazard categorization updated. Ingredient ranges used and revised in Section 3. Transportation information updated.

Based on bulk liquid # 4OP72301.

**Prepared by**

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

**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.