

1. Product and Company Identification

Product identifier	Sani-Hands Instant Hand Sanitizing Wipes	SDS 0098-00
Other means of identification	Not available	
Recommended use	Antiseptic	
Recommended restrictions	None known.	
Manufacturer	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

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	Keep away from fire or flame. Keep container closed.
Response	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.
Storage	Store in a well-ventilated place. Keep container closed.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	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.
-------------------	---

Skin contact	Discontinue use if irritation and redness develop. If condition persists for more than 72 hours, consult a physician.
Eye contact	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.
Ingestion	If swallowed, get medical help or contact a Poison Control Center immediately.
Most important symptoms/effects, acute and delayed	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.
Indication of immediate medical attention and special treatment needed	Treat patient symptomatically.
General information	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.

5. Fire Fighting Measures

Suitable extinguishing media	Dry chemical. Carbon dioxide. Foam.
Unsuitable extinguishing media	Do not use water jet.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed. Firefighters should wear a self-contained breathing apparatus.
Special protective equipment and precautions for firefighters	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.
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.
General fire hazards	Flammable solid.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.
Explosion data	
Sensitivity to mechanical impact	Not available.
Sensitivity to static discharge	Not available.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	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.
Methods and materials for containment and cleaning up	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.
Environmental precautions	Do not discharge into waterways.

7. Handling and Storage

Precautions for safe handling	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.
--------------------------------------	--

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.

8. Exposure Controls/Personal Protection

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 ³ 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 ³ 1000 ppm

US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

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

9. Physical and Chemical Properties

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.

Flash point	71.6 °F (22.0 °C) Tag Closed Cup (Liquid)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Flash point class	Combustible II

10. Stability and Reactivity

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

11. Toxicological Information

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

Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	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.
Skin contact	Non-irritating based on test data.
Eye contact	May be irritating to eyes.
Symptoms related to the physical, chemical and toxicological characteristics	Symptoms may include stinging, tearing, redness, swelling of the eyes, and blurred vision. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Information on toxicological effects

Acute toxicity	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)

Acute

Dermal

LD50

Not available

Inhalation

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)		
Acute		
<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
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.	
Conjunctival oedema value	Not available.	
Recover days	Not available.	
Respiratory or skin sensitization		
Respiratory sensitization	Not classified.	
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.	
Mutagenicity	The finished product is not expected to have chronic health effects.	
Carcinogenicity	The finished product is not expected to have chronic health effects.	
Reproductive toxicity	The finished product is not expected to have chronic health effects.	
Teratogenicity	The finished product is not expected to have chronic health effects.	
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	Not classified.	
Chronic effects	The finished product is not expected to have chronic health effects.	
Further information	Not available.	
Name of Toxicologically Synergistic Products	Not available.	

12. Ecological Information

Ecotoxicity	See below	Species	Test Results
Components			
Alcohol (CAS 64-17-5)	EC50	Daphnia	11744.5 mg/L, 48 Hours
Crustacea			

Components		Species	Test Results
Aquatic			
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
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	> 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	710 mg/l, 96 hours
Persistence and degradability	No data is available on the degradability of this product.		
Bioaccumulative potential	No data available.		
Mobility in soil	No data available.		
Mobility in general	Not available.		
Other adverse effects	Not available.		

13. Disposal Considerations

Disposal instructions	Review federal, state/provincial, and local government requirements prior to disposal. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	See above
Hazardous waste code	Not assigned.
Waste from residues / unused products	Empty containers 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. (Alcohol)
Hazard class	4.1
Packing group	II
Packaging exceptions	<1kg - limited quantity (par. 173.151)

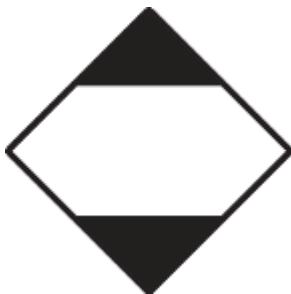
Note: Individually wrapped packet product is exempted from DOT regulation per Special Provision 47.

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

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

DOT; TDG



15. Regulatory Information

Canadian federal regulations	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.
-------------------------------------	--

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.
-----------------------	---------

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.
-----------------------	---------

US - Louisiana Spill Reporting: Listed substance

Alcohol (CAS 64-17-5)	Listed.
-----------------------	---------

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.
-----------------------	---------

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

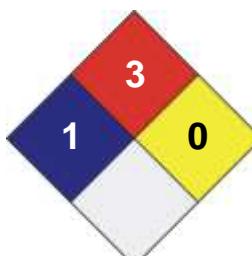
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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.