

1. Product and Company Identification

Product Name	Sani-Hands ALC Antimicrobial Alcohol Gel Hand Wipes	MSDS0028
CAS #	Mixture	
Product Use	Antimicrobial	
Manufacturer	Professional Disposables International, Inc. Two Nice-Pak Park Orangeburg, NY 10962-1376 or Distributed By: Nice-Pak Products (Canada) Ltd., Toronto ON M9L1V8 Phone: (USA) 1-845-365-1700 (M-F 8am - 5pm) Phone: (CANADA) 1-800-263-7067	

2. Hazards Identification

Emergency Overview	For external use only. Avoid contact with eyes. WARNING FLAMMABLE SOLID. Keep away from fire or flame. Irritating to eyes.
Potential short term health effects	
Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
Eyes	May cause irritation.
Skin	Non-irritating based on test data. Not a skin sensitizer based on test data.
Inhalation	Not a normal route of harmful exposure.
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Target organs	Blood. Eyes. Liver. Respiratory system.
Chronic effects	The finished product is not expected to have chronic health effects.
Signs and symptoms	None expected during normal conditions of use.
Potential environmental effects	See section 12.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Propylene glycol	57-55-6	1 - 5
Alcohol	64-17-5	40 - 70
Composition comments	Not applicable to notified cosmetics. Refer to product label for ingredient content.	

4. First Aid Measures

First aid procedures	
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.
Skin contact	Discontinue use if irritation and redness develop. If condition persists for more than 72 hours, consult a physician.
Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion	If swallowed, get medical help or contact a Poison Control Center immediately.
Notes to physician	Symptoms may be delayed.
General advice	If you feel unwell, seek medical advice (show the label where possible). 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. Keep out of reach of children.

5. Fire-fighting Measures

Flammable properties	Flammable solid.
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Extinguishing media

Suitable extinguishing media Dry chemical. Alcohol foam. Carbon dioxide.

Unsuitable extinguishing media Not available

Protection of firefighters

Specific hazards arising from the chemical Not available

Protective equipment for firefighters Firefighters should wear full protective clothing including self contained breathing apparatus.

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	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.
Methods for containment	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Remove sources of ignition. Pick up and discard towel.
Other Information	Pick up and discard towel.

7. Handling and Storage

Handling	Use according to package label instructions. Use good industrial hygiene practices in handling this material. When using do not eat or drink.
Storage	Keep out of reach of children. Store at room temperature in the original container.

8. Exposure Controls / Personal Protection

Exposure limit values

Ingredient(s)	Exposure limit values
Alcohol	ACGIH-TLV TWA: 1000 ppm STEL: 1000 ppm
Propylene glycol	ACGIH-TLV Not established

Engineering controls	General ventilation normally adequate.
Personal protective equipment	
Eye/Face protection	Not normally required. Avoid contact with eyes.
Hand protection	Not required.
Skin and body protection	As required by employer code.
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.

9. Physical and Chemical Properties

Appearance	Liquid saturated on wipe
Colour	Clear, colourless on a wipe
Form	Pre-moistened towelette.
Odour	Alcohol
Odour threshold	Not available
Physical state	Solid
pH	Not available
Freezing point	Not available

Boiling point	Not available
Pour point	Not available
Evaporation Rate	Not available
Flash point	23.33 °C (74 °F) (liquid)
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability Limits in Air, Upper, % by Volume	Not available
Vapour pressure	Not available
Vapour density	Not available
Specific gravity	0.893 (Liquid)
Octanol/water coefficient	Not available
Solubility (H2O)	Pad is not soluble in water
VOC (Weight %)	The liquid is a volatile.
Viscosity	Not available
Percent volatile	Not available

10. Stability and Reactivity

Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Avoid high temperatures. Do not mix with other chemicals.
Incompatible materials	Acids. Oxidizers. Caustics.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Alcohol	31623 ppm rat
Propylene glycol	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Alcohol	3450 mg/kg mouse; 7060 mg/kg rat
Propylene glycol	14800 mg/kg rabbit; 20000 mg/kg rat

Effects of acute exposure

Eye	May cause irritation.
Skin	Non-irritating based on test data. Not a skin sensitizer based on test data.
Inhalation	Not a normal route of harmful exposure.
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Sensitisation	Non-hazardous by WHMIS criteria.
Chronic effects	Non-hazardous by WHMIS criteria.
Carcinogenicity	Non-hazardous by WHMIS criteria.

ACGIH - Threshold Limit Values - Carcinogens

Alcohol	64-17-5	A3 - Confirmed animal carcinogen with unknown relevance to humans.
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Mutagenicity	Non-hazardous by WHMIS criteria.
Reproductive effects	Non-hazardous by WHMIS criteria.
Teratogenicity	Non-hazardous by WHMIS criteria.
Name of Toxicologically Synergistic Products	Not available

12. Ecological Information

Ecotoxicity	Components of this product have been identified as having potential environmental concerns.	
Ecotoxicity - Freshwater Fish - Acute Toxicity Data		
Alcohol	64-17-5	96 Hr LC50 Oncorhynchus mykiss: 12.0 - 16.0 mL/L [static]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 13400 - 15100 mg/L [flow-through]
Ecotoxicity - Water Flea - Acute Toxicity Data		
Alcohol	64-17-5	48 Hr LC50 Daphnia magna: 9268 - 14221 mg/L; 24 Hr EC50 Daphnia magna: 10800 mg/L; 48 Hr EC50 Daphnia magna: 2 mg/L [Static]
Persistence and degradability	This product is not readily biodegradable.	
Bioaccumulation/accumulation	Not available	
Mobility in environmental media	Not available	
Environmental effects	Not available	
Aquatic toxicity	Not available	
Partition coefficient	Not available	
Chemical fate information	Not available	
Other adverse effects	Not available	

13. Disposal Considerations

Disposal instructions	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

Proper shipping name SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol)

Hazard class 4.1

UN number UN3175

Packing group II

Additional information:

Special provisions 16, 56

Packaging exceptions <1kg - Limited Quantity



15. Regulatory Information

Canadian federal regulations	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.
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Canada - WHMIS - Ingredient Disclosure List

Alcohol 64-17-5 0.1 %

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

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

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

16. Other Information

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Disclaimer

Recommended use

Issue date

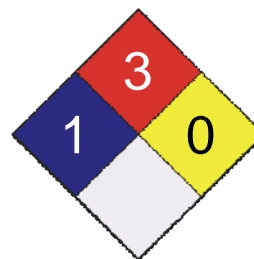
Effective Date

Expiry Date

Prepared by

Other Information

Health	/ 1
Flammability	3
Physical Hazard	0
Personal Protection	



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.

For external use only. Keep away from children, unless under adult supervision.

14-Aug-2012

15-Aug-2012

15-Aug-2015

Dell Tech Laboratories Ltd. (519) 858-5021

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.