



MATERIAL SAFETY DATA SHEET



1. Product and Company Identification

Product Name	Prevantics™ Swab	MSDS0001A
CAS #	Mixture	
Product use	Skin antiseptic	
Manufacturer	Professional Disposables International, Inc. Two Nice-Pak Park Orangeburg, NY 10962-1376 Phone (USA) 1-845-365-1700 (M-F 8am - 5pm)	

2. Hazards Identification

Emergency overview	<p>WARNINGS: For external use only. Flammable, keep away from fire or flame. Do not use with electrocautery procedures. If swallowed, get medical help or contact a Poison Control Center right away.</p> <p>Do not use: on patients with known allergies to chlorhexidine gluconate or isopropyl alcohol. on lumbar puncture or in contact with the meninges. on open skin wounds or as a general skin cleanser. under occlusive patch.</p> <p>When using this product, keep out of eyes, ears, mouth and mucous membranes. May cause serious or permanent injury if permitted to enter and remain. If contact occurs, rinse with cold water right away and contact a doctor. Stop use and ask a doctor if irritation, sensitization, or allergic reaction occurs. These may be signs of a serious condition.</p> <p>KEEP OUT OF REACH OF CHILDREN.</p>
Potential short term health effects	
Routes of exposure	Eye, Skin contact, Ingestion.
Eyes	Causes irritation.
Skin	Based on test data, not expected to be a primary skin irritant.
Inhalation	Not a normal route of exposure.
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Target organs	Skin. Eyes.
Chronic effects	The finished product is not expected to have chronic health effects.
Signs and symptoms	Eye irritation
OSHA Regulatory Status	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Potential environmental effects	See section 12.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Isopropanol	67-63-0	60 - 80
Chlorhexidine gluconate	18472-51-0	3 - 4

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	In case of skin irritation, discontinue use of product.
Inhalation	Not a normal route of exposure. If symptoms develop move victim to fresh air.
Ingestion	If swallowed, get medical help or contact a Poison Control Center right away.

Notes to physician

Treat patient symptomatically.

General advice

Keep away from sources of ignition. No smoking. 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. Avoid contact with eyes and ears. Wear suitable protective clothing as needed. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties	Flammable by OSHA criteria.
Extinguishing media	
Suitable extinguishing media	Carbon dioxide. Alcohol foam. Dry chemical.
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. Oxides of nitrogen. Chlorine gas.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	Avoid contact with eyes.
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 towels and discard in trash. Wipe or mop up liquid, if any, and dispose of properly.
Other information	Pick up and discard towel.

7. Handling and Storage

Handling	When using do not eat or drink. Wash hands before breaks and immediately after handling the product. Use according to package label instructions.
Storage	Keep out of reach of children. Store in a closed container away from incompatible materials. Keep away from heat, open flames or other sources of ignition. Store between 68°F and 77°F (20°C - 25°C). Protect from freezing. Protect from direct sunlight and extreme heat.

8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s)	Exposure Limits
Chlorhexidine gluconate	ACGIH-TLV Not established OSHA-PEL Not established
Isopropanol	ACGIH-TLV TWA: 200 ppm STEL: 400 ppm OSHA-PEL TWA: 400 ppm

Engineering controls General ventilation normally adequate.

Personal protective equipment

Eye / face protection Wear gear as deemed necessary. Follow label directions.

Hand protection	Wear as deemed necessary, follow label directions.
Skin and body protection	Follow label directions carefully.
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. Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

9. Physical and Chemical Properties

Appearance	Liquid saturated on pad
Color	Clear, colorless liquid
Form	Liquid saturated on pad
Odor	Alcohol
Odor threshold	Not available
Physical state	Liquid
pH	5.0 - 8.0 (liquid)
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available
Flash point	78 °F (25.55 °C) (liquid) Tag Closed Cup
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	0.880 (liquid)
Octanol/water coefficient	Not available
Solubility (H2O)	Swab is not soluble. Solution is miscible.

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	Extreme heat and freezing temperatures. Do not mix with other chemicals.
Incompatible materials	Oxidizers.
Hazardous decomposition products	None known.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Chlorhexidine gluconate	Not available
Isopropanol	16970 mg/l/4h rat

Component analysis - Oral LD50

Ingredient(s)	LD50
Chlorhexidine gluconate	2000 mg/kg rat
Isopropanol	4396 mg/kg rat

Effects of acute exposure

Eye	Causes irritation.
Skin	Based on test data, not expected to be a primary skin irritant.

Inhalation	Not a normal route of exposure.
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Sensitization	The finished product is not expected to have chronic health effects.
Chronic effects	The finished product is not expected to have chronic health effects.
Carcinogenicity	Not classifiable as a carcinogen.
ACGIH - Threshold Limit Values - Carcinogens	
Isopropanol	67-63-0 A4 - Not Classifiable as a Human Carcinogen
IARC - Group 3 (Not Classifiable)	
Isopropanol	67-63-0 Monograph 71 [1999]; Supplement 7 [1987]; Monograph 15 [1977]
Mutagenicity	The finished product is not expected to have chronic health effects.
Reproductive effects	The finished product is not expected to have chronic health effects.
Teratogenicity	The finished product is not expected to have chronic health effects.
Name of Toxicologically Synergistic Products	Not available

12. Ecological Information

Ecotoxicity	See below
Ecotoxicity - Freshwater Algae - Acute Toxicity Data	
Isopropanol	67-63-0 96 Hr EC50 Desmodemus subspicatus: >1000 mg/L; 72 Hr EC50 Desmodemus subspicatus: >1000 mg/L
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	
Isopropanol	67-63-0 96 Hr LC50 Pimephales promelas: 9640 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 11130 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: >1400000 µg/L
Ecotoxicity - Water Flea - Acute Toxicity Data	
Isopropanol	67-63-0 48 Hr EC50 Daphnia magna: 13299 mg/L
Persistence / degradability	Not available
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

13. Disposal Considerations

Disposal instructions	Discard after single use. Review federal, state and local government requirements prior to disposal.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

U.S. Department of Transportation (DOT)	Not regulated as dangerous goods.
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15. Regulatory Information

Occupational Safety and Health Administration (OSHA)	Yes
29 CFR 1910.1200 hazardous chemical	

US Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA (Superfund) reportable quantity

None

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

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Clean Water Act (CWA)

Not available

State regulations

See below

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances

Isopropanol 67-63-0 Present

U.S. - Massachusetts - Right To Know List

Isopropanol 67-63-0 Present

U.S. - Minnesota - Hazardous Substance List

Isopropanol 67-63-0 Present

U.S. - New Jersey - Right to Know Hazardous Substance List

Isopropanol 67-63-0 sn 1076

U.S. - Pennsylvania - RTK (Right to Know) List

Isopropanol 67-63-0 Environmental hazard

U.S. - Rhode Island - Hazardous Substance List

Isopropanol 67-63-0 Toxic; Flammable

Inventory status

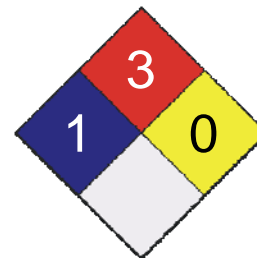
Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

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

16. Other Information

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

Health	/ 1
Flammability	3
Physical Hazard	0
Personal Protection	

**Disclaimer**

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.

Recommended use

For Professional and Hospital Use

Further information

DO NOT USE IF PACKAGE IS OPENED.

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Prepared by
Other information

Dell Tech Laboratories Ltd. (519) 858-5021

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