



# MATERIAL SAFETY DATA SHEET



## 1. Product and Company Identification

Product Name	Super Sani-Cloth® Germicidal Disposable Wipes	MSDS0020
CAS #	Mixture	
Product use	Germicidal Cleaner	
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	PRECAUTIONARY STATEMENTS: Hazards to humans and domestic animals.  DANGER Causes irreversible eye damage. Do not get in eyes or on clothing. Avoid contact with skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using restroom. Remove and wash contaminated clothing before reuse.  PHYSICAL OR CHEMICAL HAZARD: COMBUSTIBLE Do not use or store near heat or open flame. Do not use on natural marble, windows, unpainted wood, brass, clear plastics or colored grout.
Potential short term health effects	
Routes of exposure	Eye, Skin contact.
Eyes	The product caused irreversible eye damage.
Skin	Under the conditions of the study, moderate irritation was evident at 72 hours.
Inhalation	Not a normal route of exposure.
Ingestion	Not a normal route of exposure.
Target organs	Eyes. Skin.
Chronic effects	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Signs and symptoms	Symptoms may include redness, edema, drying, defatting and cracking of the skin.
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	30 - 60
Benzyl-C12-18-alkyldimethyl ammonium chlorides	68391-01-5	0.1 - 1
Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides	68956-79-6	0.1 - 1

## 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.
Skin contact	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
Inhalation	Not a normal route of exposure. If symptoms develop move victim to fresh air.
Ingestion	Not a normal route of exposure. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
Notes to physician	Treat patient symptomatically.

**General advice**

Avoid contact with eyes and skin. Keep out of reach of children. Follow label directions carefully.

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## 5. Fire Fighting Measures

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<b>Flammable properties</b>	Flammable per ICAO Test Method 1.1.2.1
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Carbon dioxide. Alcohol foam. Dry chemical.
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Not available
<b>Protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<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</b>	Avoid excessive skin contact.
<b>Environmental precautions</b>	Do not discharge into lakes, streams, ponds or public waters.
<b>Methods for containment</b>	Not applicable.
<b>Methods for cleaning up</b>	Pick up towels and discard in trash. Wipe or mop up liquid, if any, and dispose of properly.
<b>Other information</b>	Pick up and discard towel.

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## 7. Handling and Storage

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<b>Handling</b>	Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.
<b>Storage</b>	Keep out of reach of children. Do not contaminate water, food or feed by storage or disposal. Store in a closed container away from incompatible materials.  Do not use or store near heat or open flame. When not in use keep center cap of lid closed to prevent moisture loss.  It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

## 8. Exposure Controls / Personal Protection

Exposure limits Ingredient(s)	Exposure Limits
Benzyl-C12-18-alkyldimethyl ammonium chlorides	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Isopropanol	<b>ACGIH-TLV</b> TWA: 200 ppm STEL: 400 ppm <b>OSHA-PEL</b> TWA: 400 ppm
Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
<b>Engineering controls</b>	General ventilation normally adequate.
<b>Personal protective equipment</b>	
<b>Eye / face protection</b>	Wear gear as deemed necessary. Follow label directions.
<b>Hand protection</b>	Wear as deemed necessary, follow label directions.
<b>Skin and body protection</b>	Follow label directions carefully.
<b>Respiratory protection</b>	If exposure guideline levels are exceeded, use an approved NIOSH respirator.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

## 9. Physical and Chemical Properties

<b>Appearance</b>	Clear Liquid saturated on wipe
<b>Color</b>	Colorless liquid
<b>Form</b>	Pre-moistened towelette.
<b>Odor</b>	Alcohol
<b>Odor threshold</b>	Not available
<b>Physical state</b>	Solid
<b>pH</b>	6.25 - 8.5 (Liquid)
<b>Freezing point</b>	Not available
<b>Boiling point</b>	Not available
<b>Pour point</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Flash point</b>	75°F (23.9°C)(Towel) (ASTM D56) Tag Closed Cup
<b>Auto-ignition temperature</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability limits in air, upper, % by volume</b>	Not applicable
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	0.892 (Liquid)
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H2O)</b>	Wipe is not soluble
<b>VOC (Weight %)</b>	> 50 %

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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>	Avoid high temperatures. Do not mix with other chemicals. Do not use or store near heat or open flame.
<b>Incompatible materials</b>	Oxidizers. Anionic surfactants.
<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>Acute effects</b>	Acute LD50: >5000 mg/kg, Rabbit, Dermal Acute LD50: > 5000 mg/kg, Rat, Oral
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### Component analysis - LC50

Ingredient(s)	LC50
Benzyl-C12-18-alkyldimethyl ammonium chlorides	Not available
Isopropanol	16970 mg/l/4h rat
Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides	Not available

### Component analysis - Oral LD50

Ingredient(s)	LD50
Benzyl-C12-18-alkyldimethyl ammonium chlorides	240 mg/kg rat
Isopropanol	4396 mg/kg rat
Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides	250 mg/kg rat

### Effects of acute exposure

<b>Eye</b>	The product caused irreversible eye damage.
<b>Skin</b>	Under the conditions of the study, moderate irritation was evident at 72 hours.
<b>Inhalation</b>	Not a normal route of exposure.
<b>Ingestion</b>	Not a normal route of exposure.
<b>Sensitization</b>	Non-hazardous by OSHA criteria.
<b>Chronic effects</b>	Non-hazardous by OSHA criteria.
<b>Carcinogenicity</b>	Non-hazardous by OSHA criteria.

#### 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** Non-hazardous by OSHA criteria.

**Reproductive effects** Non-hazardous by OSHA criteria.

**Teratogenicity** Non-hazardous by OSHA criteria.

**Name of Toxicologically Synergistic Products** Not available

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## 12. Ecological Information

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**Ecotoxicity** See below

#### Ecotoxicity - Freshwater Algae - Acute Toxicity Data

Isopropanol 67-63-0 96 Hr EC50 *Desmodesmus subspicatus*: >1000 mg/L; 72 Hr EC50 *Desmodesmus 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

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Mobility in environmental media	Not available
Environmental effects	Not available
Aquatic toxicity	Not available
Partition coefficient	Not available
Chemical fate information	Not available

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### 13. Disposal Considerations

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Disposal instructions	Consult the appropriate state, regional, or local regulations for additional requirements. Discard after single use. IF EMPTY: Nonrefillable container. Do not reuse or refill the container. Offer for recycling, if available.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

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### 14. Transport Information

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#### U.S. Department of Transportation (DOT)

CONSUMER COMMODITY ORM-D - Exception H sized packets are not regulated by DOT per small quantity exemption.

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### 15. Regulatory Information

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#### Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

US Federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
EPA registration number 9480-4

#### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Isopropanol	67-63-0	1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)
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#### 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
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Section 302 extremely hazardous substance	No
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Section 311 hazardous chemical	Yes
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Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

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

Isopropanol	67-63-0	Present
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#### U.S. - Massachusetts - Right To Know List

Isopropanol	67-63-0	Present
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#### U.S. - Minnesota - Hazardous Substance List

Isopropanol	67-63-0	Present
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#### U.S. - New Jersey - Right to Know Hazardous Substance List

Isopropanol	67-63-0	sn 1076
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#### U.S. - Pennsylvania - RTK (Right to Know) List

Isopropanol	67-63-0	Environmental hazard
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#### U.S. - Rhode Island - Hazardous Substance List

Isopropanol	67-63-0	Toxic; Flammable
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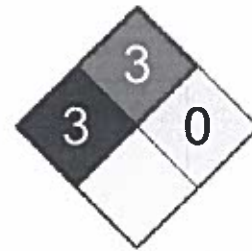
**Inventory status**

**Country(s) or region** United States & Puerto Rico  
**Inventory name** Toxic Substances Control Act (TSCA) Inventory  
**On inventory (yes/no)\*** 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	/	3
Flammability		3
Physical Hazard		0
Personal Protection		A



**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 external use only.

**Further information**

Danger: Keep out of reach of children.  
Not a baby wipe.  
Not for use on skin.  
For use on hard, nonporous surfaces only.

**Issue date**

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**Effective date**

15-Aug-2012

**Prepared by**

Dell Tech Laboratories Ltd. (519) 858-5021

**Other information**

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.