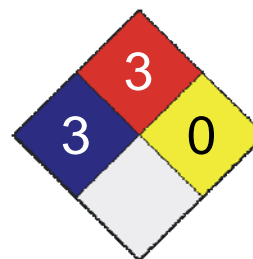


## 1. Product and Company Identification

**Product Name** Super Sani-Cloth® Germicidal Disposable Wipes **MSDS0019C**  
**CAS #** Mixture  
**Product use** Disinfectant  
**Manufacturer** Professional Disposables International, Inc.  
 Two Nice-Pak Park  
 Orangeburg, NY 10962-1376  
 Phone (USA) 1-845-365-1700 (M-F 8am - 5pm)

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

Health	/ 3
Flammability	3
Physical Hazard	0
Personal Protection	A



## 2. Hazards Identification

**Emergency overview** DANGER  
COMBUSTIBLE  
Causes irreversible eye damage. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

**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. Harmful if absorbed through skin.

**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.

## 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.

<b>Notes to physician</b>	None.
<b>General advice</b>	Avoid contact with eyes and skin. Keep out of reach of children. Follow label directions carefully.

## 5. Fire Fighting Measures

<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

## 6. Accidental Release Measures

<b>Personal precautions</b>	Avoid excessive skin contact.
<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 properly.
<b>Other information</b>	Pick up and discard towel.

## 7. Handling and Storage

<b>Handling</b>	Use good industrial hygiene practices in handling this material.
<b>Storage</b>	Keep out of reach of children. Store in a closed container away from incompatible materials. Do not use or store near heat or open flame.

## 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.

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## 9. Physical and Chemical Properties

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<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>Pour point</b>	Not available
<b>Boiling point</b>	Not available
<b>Flash point</b>	75°F (23.9°C)(Towel) (ASTM D56) Tag Closed Cup
<b>Evaporation rate</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>Auto-ignition temperature</b>	Not available
<b>VOC (Weight %)</b>	> 50 %

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## 10. Stability and Reactivity

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<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.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.

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## 11. Toxicological Information

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<b>Acute effects</b>	Acute LD50: 5000 mg/kg, Rat, Oral Acute LD50: 2000 mg/kg, Rat, Dermal
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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. Harmful if absorbed through skin.
<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.
<b>ACGIH - Threshold Limit Values - Carcinogens</b>	
Isopropanol	67-63-0 A4 - Not Classifiable as a Human Carcinogen
<b>IARC - Group 3 (Not Classifiable)</b>	
Isopropanol	67-63-0 Monograph 71 [1999]; Supplement 7 [1987]; Monograph 15 [1977]
<b>Mutagenicity</b>	Non-hazardous by OSHA criteria.
<b>Reproductive effects</b>	Non-hazardous by OSHA criteria.
<b>Teratogenicity</b>	Non-hazardous by OSHA criteria.
<b>Synergistic Materials</b>	Not available

## 12. Ecological Information

### Ecotoxicity

<b>Ecotoxicity - Freshwater Algae Data</b>		
Isopropanol	67-63-0	96 Hr EC50 <i>Desmodesmus subspicatus</i> : >1000 mg/L; 72 Hr EC50 <i>Desmodesmus subspicatus</i> : >1000 mg/L
<b>Ecotoxicity - Freshwater Fish Species Data</b>		
Isopropanol	67-63-0	96 Hr LC50 <i>Pimephales promelas</i> : 9640 mg/L [flow-through]; 96 Hr LC50 <i>Pimephales promelas</i> : 11130 mg/L [static]; 96 Hr LC50 <i>Lepomis macrochirus</i> : >1400000 µg/L
<b>Ecotoxicity - Microtox Data</b>		
Isopropanol	67-63-0	5 Min EC50 <i>Photobacterium phosphoreum</i> : 35390 mg/L
<b>Ecotoxicity - Water Flea Data</b>		
Isopropanol	67-63-0	48 Hr EC50 <i>Daphnia magna</i> : 13299 mg/L
<b>Environmental effects</b>	Not available	
<b>Aquatic toxicity</b>	Not available	
<b>Persistence / degradability</b>	Not available	
<b>Bioaccumulation / accumulation</b>	Not available	
<b>Partition coefficient</b>	Not available	
<b>Mobility in environmental media</b>	Not available	
<b>Chemical fate information</b>	Not available	

## 13. Disposal Considerations

<b>Waste codes</b>	Not available
<b>Disposal instructions</b>	Consult the appropriate state, regional, or local regulations for additional requirements. Discard after single use.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Not available

## 14. Transport Information

### 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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**US Federal regulations** EPA registration number 9480-4 This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List or exempted.

CERCLA/SARA Hazardous Substances - Not applicable.

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

None

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

**29 CFR 1910.1200 hazardous chemical** Yes

**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 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

**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)

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## 16. Other Information

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**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 for use on skin. Not a baby wipe. For use on hard surfaces only.

**Issue date**

30-Nov-2009

**Effective date**

15-Jul-2009

**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.