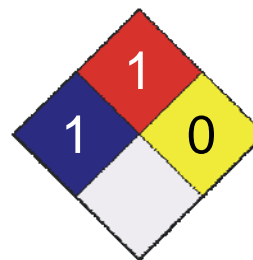


1. Product and Company Identification

Product Name	Sani-Cloth Plus - Canada	MSDS No. MSDS0022
CAS #	Mixture	
Product Use	Disinfectant	
Manufacturer	Professional Disposables International, Inc. Two Nice-Pak Park Orangeburg, NY 10962-1376 or Distributed By: Nice-Pak Products (Canada) Ltd., ON CA Phone: (USA) 1-845-365-1700 (M-F 8am - 5pm) Phone: (CANADA) 1-800-263-7067	

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

Health	/ 1
Flammability	1
Physical Hazard	0
Personal Protection	B



2. Hazards Identification

Emergency Overview	CAUTION Avoid contact with eyes.
Potential short term health effects	
Routes of exposure	Eye, Skin contact.
Eyes	May cause irritation.
Skin	May cause irritation.
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, oedema, drying, defatting and cracking of the skin.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	68956-79-6	0.1 - 1
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	0.1 - 1
Isopropanol	67-63-0	10 - 30
Composition comments	Active ingredients are listed above.	

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	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.
Notes to physician	None known.

General advice

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

5. Fire-fighting Measures

Flammable properties	Not flammable per ICAO Test Method 1.1.2.1
Extinguishing media	
Suitable extinguishing media	Alcohol foam. Water spray or fog.
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	Avoid excessive skin contact.
Methods for containment	Not applicable.
Methods for cleaning up	Pick up towels and discard in trash. Wipe or mop up liquid, if any, and dispose properly.

7. Handling and Storage

Handling	Do not reuse towelette. Use according to package label instructions.
Storage	Keep out of reach of children. Do not use or store near heat or open flame. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Exposure limit values

Ingredient(s)	Exposure limit values
Isopropanol	ACGIH-TLV TWA: 200 ppm STEL: 400 ppm
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	ACGIH-TLV Not established
Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	ACGIH-TLV Not established

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. When using this product, wear disposable protective gloves, protective gowns, face masks, or eye coverings as appropriate when handling HIV-1, infected blood or body fluids.
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. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Liquid saturated on wipe
Colour	Opaque white
Form	Pre-moistened towelette.
Odour	Mild alcohol.
Odour threshold	Not available
Physical state	Solid
pH	11 - 12 (liquid)
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Flash point	93°F (33.88°C)(liquid) TCC
Evaporation Rate	Not available
Flammability limits in air, lower, % by volume	Not applicable
Flammability Limits in Air, Upper, % by Volume	Not applicable
Vapour pressure	Not available
Vapour density	Not available
Specific gravity	0.88 - 1.07 (liquid) (H ₂ O = 1)
Octanol/water coefficient	Not available
Solubility (H₂O)	Pad is not soluble in water
Auto-ignition temperature	Not available
Viscosity	Not available

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Avoid high temperatures. Do not mix with other chemicals.
Incompatible materials	Oxidizing agents. Anionic surfactants. Soaps.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.

11. Toxicological Information

Component analysis - LC50

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

Component analysis - Oral LD50

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

Effects of acute exposure

Eye	May cause irritation.
Skin	May cause irritation.
Inhalation	Not a normal route of exposure.

Ingestion	Not a normal route of exposure.
Sensitisation	Non-hazardous by WHMIS criteria.
Chronic effects	Non-hazardous by WHMIS criteria.
Carcinogenicity	Non-hazardous by WHMIS 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 WHMIS criteria.
Reproductive effects	Non-hazardous by WHMIS criteria.
Teratogenicity	Non-hazardous by WHMIS criteria.
Synergistic Materials	Not available

12. Ecological Information

Ecotoxicity	See below
Ecotoxicity - Freshwater Algae Data	
Isopropanol 67-63-0	96 Hr EC50 <i>Desmodesmus subspicatus</i> : >1000 mg/L; 72 Hr EC50 <i>Desmodesmus subspicatus</i> : >1000 mg/L
Ecotoxicity - Freshwater Fish Species Data	
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
Ecotoxicity - Microtox Data	
Isopropanol 67-63-0	5 min EC50 <i>Photobacterium phosphoreum</i> : 35390 mg/L
Ecotoxicity - Water Flea Data	
Isopropanol 67-63-0	48 Hr EC50 <i>Daphnia magna</i> : 13299 mg/L
Environmental effects	Not available
Aquatic toxicity	Not available
Persistence and degradability	Not available
Bioaccumulation/accumulation	Not available
Partition coefficient	Not available
Mobility in environmental media	Not available
Chemical fate information	Not available
Other adverse effects	Not available

13. Disposal Considerations

Waste codes	Not available
Disposal instructions	Review federal, provincial, and local government requirements prior to disposal. Dispose of used towelette in accordance with local regulations for infectious waste disposal. Dispenser: Do not reuse empty container. Wrap container and put in trash collection.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.

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.

Canada - WHMIS - Ingredient Disclosure List

Isopropanol 67-63-0 1 %

WHMIS classification Exempt - Registered product - (DIN 02242608)

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

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

Cleaner

Further information

Caution: Keep out of reach of children. Avoid contact with eyes and skin. Not for use on skin. Not a baby wipe. For use on hard surfaces only. Do not use on natural marble, windows, unpainted wood, brass, clear plastic or coloured grout.

Issue date

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Effective Date

15-Feb-2010

Expiry Date

15-Feb-2013

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.