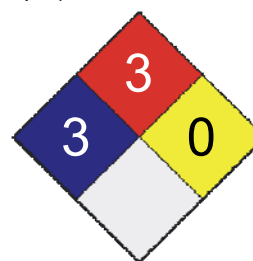


1. Product and Company Identification

Product Name Super Sani-Cloth® Germicidal Disposable Wipes **MSDS0020**
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 am monium 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.

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

5. Fire Fighting Measures

Flammable properties	Flammable per ICAO Test Method 1.1.2.1
Extinguishing media	
Suitable extinguishing media	Carbon dioxide. Alcohol foam. Dry chemical.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
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.
Other information	Pick up and discard towel.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material.
Storage	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 am monium chlorides	ACGIH-TLV Not established OSHA-PEL Not established
Isopropanol	ACGIH-TLV TWA: 200 ppm STEL: 400 ppm OSHA-PEL TWA: 400 ppm
Quaternary am monium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides	ACGIH-TLV Not established OSHA-PEL 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.
Respiratory protection	If exposure guideline levels are 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	Clear. Liquid saturated on wipe
Color	Colorless liquid
Form	Pre-moistened towelette.
Odor	Alcohol
Odor threshold	Not available
Physical state	Solid
pH	6.25 - 8.5 (Liquid)
Freezing point	Not available
Pour point	Not available
Boiling point	Not available
Flash point	75°F (23.9°C)(Towel) (ASTM D56) Tag Closed Cup
Evaporation rate	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not applicable
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	0.892 (Liquid)
Octanol/water coefficient	Not available
Solubility (H2O)	Wipe is not soluble
Auto-ignition temperature	Not available
VOC (Weight %)	> 50 %

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Avoid high temperatures. Do not mix with other chemicals. Do not use or store near heat or open flame.
Incompatible materials	Oxidizers. Anionic surfactants.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Acute effects	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 am monium chlorides	Not available
Isopropanol	16970 mg/l/4h rat
Quaternary am monium 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

Eye	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.
Sensitization	Non-hazardous by OSHA criteria.
Chronic effects	Non-hazardous by OSHA criteria.
Carcinogenicity	Non-hazardous by OSHA criteria.
ACGIH - Threshold Limit Values - Carcinogens	
Isopropanol 6	7-63-0 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.
Synergistic Materials	Not available

12. Ecological Information**Ecotoxicity**

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

13. Disposal Considerations

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

15. Regulatory Information

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 6 7-63-0 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

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 Nice-Pak Products, Inc.

Other information

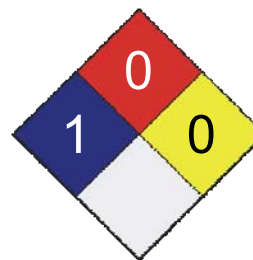
For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

1. Product and Company Identification

Product Name BZK Antiseptic Towelettes **MSDS No.** 0055
CAS # Mixture
Product use Antiseptic
Manufacturer Professional Disposables International, Inc.
 Two Nice-Pak Park
 Orangeburg, NY 10962-1376
 or Distributed by:
 Professional Disposables International Ltd, Ontario 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	0
Physical Hazard	0
Personal Protection	



2. Hazards Identification

Emergency overview Contact with liquid may cause eye and skin irritation.
Potential short term health effects
Routes of exposure Eye, Skin contact, Skin absorption, Inhalation, Ingestion.
Eyes May cause irritation.
Skin In case of skin irritation, discontinue use of the product.
Inhalation Not a normal route of exposure. May cause respiratory tract irritation.
Ingestion Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
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. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

3. Composition / Information on Ingredients

Composition comments Non hazardous

4. First Aid Measures

First aid procedures
Eye contact Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
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. If symptoms persist, obtain medical attention.
Ingestion Not a normal route of exposure. Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
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. Avoid contact with eyes.

5. Fire Fighting Measures

Flammable properties	Not flammable per ICAO Test Method 1.1.2.1
Extinguishing media	
Suitable extinguishing media	Treat for surrounding material.
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. Hydrogen chloride.
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.
Methods for containment	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Pick up and discard towel.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material.
Storage	Keep out of reach of children. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Engineering controls	General ventilation normally adequate.
Personal protective equipment	
Eye / face protection	Follow standard industrial hygiene practices.
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 & Chemical Properties

Appearance	Liquid saturated on wipe
Color	clear liquid
Form	Liquid saturated on wipe.
Odor	Characteristic
Odor threshold	Not available
Physical state	Solid
pH	Not available
Melting point	Not available
Freezing point	Not available
Boiling point	101.11 °C (214 °F)
Flash point	Not available
Evaporation rate	Not available

Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not applicable
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	Not available
Octanol/water coefficient	Not available
Solubility (H2O)	Not available
Auto-ignition temperature	Not available
VOC (Weight %)	Not available
Viscosity	Not available
Percent volatile	Not available

10. Chemical Stability & Reactivity Information

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Caustics. Acids. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Hydrogen chloride.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Effects of acute exposure	
Eye	May cause irritation.
Skin	In case of skin irritation, discontinue use of the product.
Inhalation	Not a normal route of exposure. May cause respiratory tract irritation.
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Sensitization	Non-hazardous by WHMIS/OSHA criteria.
Chronic effects	Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity	Non-hazardous by WHMIS/OSHA criteria.
Mutagenicity	Non-hazardous by WHMIS/OSHA criteria.
Reproductive effects	Non-hazardous by WHMIS/OSHA criteria.
Teratogenicity	Non-hazardous by WHMIS/OSHA criteria.

12. Ecological Information

Ecotoxicity	Not available
Environmental effects	Not available
Aquatic toxicity	Not available
Persistence / 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	Discard after single use. Review federal, state/provincial, and local government requirements prior to disposal. Discard with solid waste. Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not available

14. Transport Information

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

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.

US Federal regulations

This product is not known to be 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.

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical No

CERCLA (Superfund) reportable quantity

Benzene: 10.0000
Benzene, methyl-: 1000.0000
Benzene, (chloromethyl)-: 100.0000
Propylene oxide: 100.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

Safe Drinking Water Act (SDWA) Not available

Drug Enforcement Agency (DEA) Not available

Food and Drug Administration (FDA) Not available

State regulations

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Inventory name

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	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

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.

Issue date

3-Feb-2012

Effective date

3-Feb-2012

Expiry date
Prepared by

2-Feb-2015
Nice-Pak Products, Inc. (845) 365-1700

NORTH

January 19, 2001

North Safety Products

2000 Plainfield Pike
Cranston, RI 02921

Telephone 401-275-2474
Facsimile 401-943-7974
Roland Gamelin
Safety Specialist

MSDS Exemption

(MSDS not required)

Thank you for your recent MSDS request concerning: **Vital 1 Absorbent Beads**

This product is considered by OSHA as "Articles" under 29 CFR 1910.1200; the following is the definition under ©:

This is a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has a end use function dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, or minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of the article section) and does not pose a physical or health risk to the consumer.

If you should need further information, please do not hesitate to call.