

1. IDENTIFICATION

Product Name: BZK Antibacterial Wipes

Finished Product Number: N/A

Formula Item Number: 4AP44501

Date of Preparation: January 31, 2019

Recommended use of the chemical and restrictions on use:

Recommended use: Use as a disinfectant on hard, non-porous surfaces.

Restrictions on use: None known

Manufacturer/Supplier: Nice-Pak/PDI, Inc.
Two Nice-Pak Park
Orangeburg, NY 10962-1376

Phone Number: 1-845-365-1700

Or Distributed by: Professional Disposables International, Ltd.
140 Woodbridge Ave., Unit CL-1, Market Lane Plaza
Vaughan, ON L4L 4K9 Canada

Phone Number: 1-800-263-7067

Emergency Phone Number: PERS: 1-800-633-8253 (Domestic/Canada)
1-801-629-0667 (International)

2. HAZARD(S) IDENTIFICATION

This product is a clear liquid with a faint citrus or alcohol odor impregnated on multiple wipes in a canister. There is a small amount of liquid on the wipes and no free liquid in the canisters.

GHS Classification:

Physical	Health	Environmental
Flammable Solids Category 1	Not Classified	Not Classified

Label Elements:

Danger!



Hazard Statements:

Flammable solid

Precautionary Statements:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Wear eye protection.

In case of fire: Use water fog, alcohol-resistant foam, carbon dioxide and dry chemical to extinguish.

Other Hazards: None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Ethanol (Ethyl Alcohol)	64-17-5	<20%
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride	68424-85-1	<0.5%
Surfactant	Proprietary	<0.5%

4. FIRST-AID MEASURES

Description of First Aid Measures:

Eye: Rinse thoroughly with water. Get medical attention if irritation occurs and persists.

Skin: No first aid should be required. Wash skin with water. Get medical attention if irritation develops or persists.

Inhalation: If symptoms develop move victim to fresh air. Get medical attention if irritation or other symptoms persists.

Ingestion: Ingestion is unlikely for solid products. No first aid is required for small amounts transferred from hands to mouth.

Most Important Symptoms/Effects, Acute and Delayed: Direct contact may cause minimal eye irritation. Inhalation of vapors may cause upper respiratory tract irritation and central nervous system effects.

Indication of Immediate Medical Attention and Special Treatment, If Necessary: None required under normal conditions of use.

5. FIRE-FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use water fog, alcohol-resistant foam, carbon dioxide and dry chemical.

Specific Hazards Arising From the Chemical: This product is a solid saturated with a flammable liquid and will burn under fire conditions. Vapors are heavier than air and may flow along surfaces to remote ignition sources and flash back. Combustion may produce oxides of carbon, nitrogen, and ammonia. Flammable vapors may be invisible in daylight.

Special Protective Equipment and Precautions for Fire-Fighters: Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Remove all ignition sources such as open flames, pilot lights, etc. Avoid contact with eyes. Wear appropriate protective clothing as described in Section 8. Avoid breathing vapors.

Environmental Hazards: Avoid releases to the environment. Report spill as required by local and federal regulations.

Methods and Materials for Containment and Cleaning Up: Do not reuse towelette. Pick up wipe and place in an appropriate container for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep product away from heat, flames and all other sources of ignition. Avoid contact with eyes. Avoid breathing vapors. Wash hands with soap and water after use. Keep containers closed when not in use.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry location away from heat and open flames. Keep away from incompatible materials. Protect container from physical damage. When not in use keep center cap of lid closed to prevent moisture loss.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Ethanol	1000 ppm STEL ACGIH TLV 1000 ppm TWA OSHA PEL
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride	None Established
Surfactant	None Established

Appropriate Engineering Controls: General ventilation is adequate under normal conditions of use.

Individual Protection Measures, Such As Personal Protective Equipment:

Respiratory Protection: None required for normal use. In case of insufficient ventilation, wear suitable respiratory equipment. Refer to product label for additional information.

Skin Protection: Use impervious gloves or follow facility requirements to prevent prolonged skin contact.

Eye Protection: If needed, wear safety goggles or other eye protection per facility protocol to avoid eye contact.

Other: None required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid impregnated on a lint free wipe	Flammable limits: LEL: 3.3% (Ethanol) UEL: 19.0% (Ethanol)
Odor: Faint citrus or alcohol odor	Vapor pressure: Not available
Odor Threshold: Not applicable	Vapor density: Not available
pH: Not available	Relative density: Not available

Melting point/freezing point: Not available	Solubility(ies): Soluble in water (saturant)
Boiling point/range: 78°C (172.4°F) (Ethanol)	Partition coefficient (n-octanol/water): Not available
Flash point: 40°C (104°F) (saturant)	Auto-ignition temperature: 363°C (685.40°F) (Ethanol)
Evaporation rate: Not available	Decomposition temperature: Not available
Flammability (solid, gas): Flammable solid	Viscosity: Not Available

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions To Avoid: Keep away from heat and open flames.

Incompatible Materials: Avoid contact with strong oxidizing agents, reducing agents, and acetyl chloride.

Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon and nitrogen, and ammonia.

11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: Direct contact with liquid may cause minimal eye irritation with redness, tearing and stinging.

Skin: No adverse effects are expected.

Inhalation: Inhalation of high concentrations of vapors may cause upper respiratory tract irritation, headache, dizziness, drowsiness, confusion, and other central nervous system effects.

Ingestion: Ingestion is unlikely for solid products. This product contains only a small amount of liquid. No adverse effects are expected.

Chronic Effects: None known.

Carcinogenicity: None of the components of this product are listed as a carcinogen or suspected carcinogen by OSHA, IARC, and NTP.

Reproductive Effects: Reproductive harm is not expected from this product.

Mutagenic Effects: Not expected to cause mutagenic activity.

Acute Toxicity:

No toxicity data available for the mixture. The following toxicity data is for the individual components:

Product ATE: >5000 mg/kg (oral), >5000 mg/kg (skin)

Ethanol: Oral rat LD50: 10470 mg/kg, Inhalation rat LC50: 124.7 mg/L/4hr

Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride: Oral rat LD50: 344 mg/kg, Skin rabbit LD50: 3340 mg/kg

Surfactant: Oral rat LD50: >2000 mg/kg, Skin rat LD50: >2000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Ethanol: 96 hr LC50 Fathead minnow: 14.2 g/L, 48 hr LC50 Ceriodaphnia dubia: 5012 mg/L
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride: 96 hr LC50 Fathead minnow: 0.28 mg/L, 48 hr EC50 Daphnia magna: 0.016 mg/L, 72 hr ErC50 Green Algae: 0.049 mg/L, 96 hr ErC50 Algae: 0.089 mg/L, 34 days NOEC Fathead minnow: 0.032 mg/L, 21 days NOEC Daphnia magna: 0.0042 mg/L
Surfactant: 72 hr EbC50 Pseudokirchneriella subcapitata (green algae): 0.72 mg/L, 48 hr EC50 Daphnia magna: 2.2 mg/L, 28 day LC50 Fathead minnow: 0.767 mg/L, 28 day LOEC Fathead minnow: 0.63 mg/L

This product is expected to be harmful to the aquatic environment with long-term adverse effects. Releases to the environment should be avoided.

Persistence and Degradability: Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride: Readily biodegradable- 95.5% in 28 days. Surfactant: 61% in 29 days.

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
US DOT		Not Regulated			Not applicable
IMDG		Not Regulated			Not applicable
IATA		Not Regulated			Not applicable

Special precautions: None known

15. REGULATORY INFORMATION

Safety, Health, and Environmental Regulations Specific for the Product In Question:

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA TITLE III:

Hazard Category for Section 311/312: See OSHA Hazard Classification in Section 2.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the ingredients of this product are listed on the TSCA inventory or exempt.

STATE REGULATIONS:

California Proposition 65: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Massachusetts RTK: Ethanol is listed.

Pennsylvania RTK: Ethanol is listed.

Rhode Island RTK: Ethanol is listed.

New Jersey RTK: Ethanol is listed.

CANADIAN REGULATIONS

Canadian Environmental Protection Act: All of the components in this product are listed on the Domestic Substances List (DSL) or exempt from notification.

16. OTHER INFORMATION

HMIS Ratings: Health – 1

Flammability – 3

Physical Hazard - 0

NFPA Ratings: Health – 0

Flammability – 3

Instability – 0

SDS Revision History: New SDS

Date of preparation: January 31, 2019

Date of last revision: N/A