1. Product and Company Identification

Product Name  BZK Antiseptic Towelettes

CAS #  Mixture

Product use  Antiseptic

Manufacturer  Lernapharm (Loris) Inc

2323 Halpern, St-Laurent (Montreal)
Québec, Canada H4S 1S3
Telephone: 514-331-4634

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

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzalkonium Chloride</td>
<td>8001-54-5</td>
<td>&lt; 1%</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>≈ 99%</td>
</tr>
</tbody>
</table>

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.
Material Safety Data Sheet
BZK Antiseptic Towelettes / Wipes

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

Lernapharm (Loris) Inc. 2323 Halpern, St-Laurent, Québec, Canada H4S 1S3 Telephone: 514-331-4634
Material Safety Data Sheet
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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.
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
Contaminated packaging Not available

14. Transport Information
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 No chemical

**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.

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...
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