



# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product Name Apicare® Benzalkonium Chloride Swabsticks

### Other means of identification

Product Code(s) S-3009, S-3009-5S

### Recommended use of the chemical and restrictions on use

Recommended Use Topical skin antiseptic

Uses advised against No information available

### Details of the supplier of the safety data sheet

Supplier Name Apicare Inc.  
Supplier Address 550 Research Parkway  
Meriden, CT 06450

Supplier Phone Number Phone: 203-630-0500

### Emergency telephone number

Emergency Phone Numbers For Medical Emergencies call: 1-800-446-1014  
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

**2. HAZARDS IDENTIFICATION**

**Classification**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**GHS Label elements, including precautionary statements**

**Emergency Overview**

|   |  |                       |                                       |
|---|--|-----------------------|---------------------------------------|
| This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). |  |                       |                                       |
| <b>Appearance</b>   | Clear, colorless liquid absorbed into white, rayon swabs on polystyrene sticks | <b>Physical State</b> | Thin liquid absorbed into rayon swabs |
|   |  | <b>Odor</b>           | Slight                                |

**Precautionary Statements - Prevention**

None

**Precautionary Statements - Response**

None

**Precautionary Statements - Storage**

None

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0.2% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

May cause slight eye irritation  
 Prolonged or repeated contact may dry skin and cause irritation  
 Harmful to aquatic life with long lasting effects

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name         | CAS No    | Weight-% | Trade Secret |
|-----------------------|-----------|----------|--------------|
| Benzalkonium chloride | 8001-54-5 | 0.1 - 1  | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES**

**First aid measures**

**Eye Contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin Contact** Wash with soap and water.

**Inhalation** Remove to fresh air.

**Ingestion** Rinse mouth immediately and drink plenty of water.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

No information available.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Ensure adequate ventilation.

**Environmental Precautions**

**Environmental Precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** No special protective equipment required.

**Skin and Body Protection** No special protective equipment required.

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

|                       |  |                       |                          |
|-----------------------|--|-----------------------|--------------------------|
| <b>Physical State</b> | Thin liquid absorbed into rayon swabs                              |                       |                          |
| <b>Appearance</b>     | Clear, thin liquid absorbed into rayon swabs on polystyrene sticks | <b>Odor</b>           | Slight                   |
| <b>Color</b>          | Colorless liquid - white swabs and sticks                          | <b>Odor Threshold</b> | No information available |

| <u>Property</u>                      | <u>Values</u>     | <u>Remarks/ Method</u> |
|--------------------------------------|-------------------|------------------------|
| <b>pH</b>                            | No data available | None known             |
| <b>Melting / freezing point</b>      | No data available | None known             |
| <b>Boiling point / boiling range</b> | 100°C (liquid)    | None known             |
| <b>Flash Point</b>                   | No data available | None known             |
| <b>Evaporation Rate</b>              | No data available | None known             |
| <b>Flammability (solid, gas)</b>     | No data available | None known             |
| <b>Flammability Limit in Air</b>     |                   |                        |
| <b>Upper flammability limit</b>      | No data available | None known             |
| <b>Lower flammability limit</b>      | No data available | None known             |

|   |                   |            |
|---|-------------------|------------|
| <b>Vapor pressure</b>                         | No data available | None known |
| <b>Vapor density</b>                          | No data available | None known |
| <b>Specific Gravity</b>                       | ~1.0 (liquid)     | None known |
| <b>Water Solubility</b>                       | No data available | None known |
| <b>Solubility in other solvents</b>           | No data available | None known |
| <b>Partition coefficient: n-octanol/water</b> | No data available | None known |
| <b>Autoignition temperature</b>               | No data available | None known |
| <b>Decomposition temperature</b>              | No data available | None known |
| <b>Kinematic viscosity</b>                    | No data available | None known |
| <b>Dynamic viscosity</b>                      | No data available | None known |
| <b>Explosive properties</b>                   | No data available | None known |
| <b>Oxidizing Properties</b>                   | No data available |            |

**Other Information**

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Softening Point</b>            | No data available |
| <b>VOC Content (%)</b>            | No data available |
| <b>Particle Size</b>              | No data available |
| <b>Particle Size Distribution</b> | No data available |

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

- Inhalation** Specific test data for the substance or mixture is not available.
- Eye Contact** Specific test data for the substance or mixture is not available.
- Skin Contact** Specific test data for the substance or mixture is not available.
- Ingestion** Specific test data for the substance or mixture is not available.

**Component Information**

No information available.

**Information on toxicological effects**

**Symptoms**

No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                                 |  |
|---------------------------------|--|
| <b>Sensitization</b>            | No information available.                      |
| <b>Mutagenic Effects</b>        | No information available.                      |
| <b>Carcinogenicity</b>          | Contains no ingredient listed as a carcinogen. |
| <b>Reproductive Toxicity</b>    | No information available.                      |
| <b>STOT - single exposure</b>   | No information available.                      |
| <b>STOT - repeated exposure</b> | No information available.                      |
| <b>Target Organ Effects</b>     | None known.                                    |
| <b>Aspiration Hazard</b>        | No information available.                      |

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document  
 Not applicable

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

| Chemical Name                      | Toxicity to Algae | Toxicity to Fish  | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|------------------------------------|-------------------|---|----------------------------|----------------------------|
| Benzalkonium chloride<br>8001-54-5 |                   | 96h LC50: 0.223 - 0.46 mg/L (Lepomis macrochirus)<br>96h LC50: 0.823 - 1.61 mg/L (Oncorhynchus mykiss)<br>96h LC50: = 1.3 mg/L (Poecilia reticulata) 96h LC50: = 2.4 mg/L (Oryzias latipes) | EC50 = 0.6 mg/L 15 min     |                            |

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available

**Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

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

**Contaminated Packaging**

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

**14. TRANSPORT INFORMATION**

|                        |               |
|------------------------|---------------|
| <b><u>DOT</u></b>      | Not regulated |
| <b><u>TDG</u></b>      | Not regulated |
| <b><u>ICAO</u></b>     | Not regulated |
| <b><u>IATA</u></b>     | Not regulated |
| <b><u>IMDG/IMO</u></b> | Not regulated |

**15. REGULATORY INFORMATION**

**Chemical Inventories**

|      |  |
|------|--|
| TSCA | Complies   |
| DSL  | All components are listed either on the DSL or NDSL. |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|                                   |    |
|-----------------------------------|----|
| Acute Health Hazard               | No |
| Chronic Health Hazard             | No |
| Fire Hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | No |

**CWA (Clean Water Act)**

This product does not contain any substances that are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances that are regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name                   | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|---------------------------------|------------|---------------|--------------|--------------|----------|
| Disodium phosphate<br>7558-79-4 |            | X             | X            | X            |          |

**International Regulations**

Canada  
**WHMIS Hazard Class**  
 Non-controlled

**16. OTHER INFORMATION**

|             |                  |                |                   |  |
|-------------|------------------|----------------|-------------------|--|
| <b>NFPA</b> | Health Hazards 1 | Flammability 0 | Instability 0     | <b>Physical and Chemical Hazards -</b> |
| <b>HMIS</b> | Health Hazards 1 | Flammability 0 | Physical Hazard 0 | <b>Personal Protection X</b>           |

**Prepared By** Product Stewardship  
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 1-800-572-6501

**Revision Date** New

**Revision Note** New

**Reference** CLX0019/D029

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**