SAFETY DATA SHEET  
Bactoshield® CHG 4% - Chlorhexidine Gluconate 4% Solution Antiseptic  
According to the Federal Final Rule of Hazard Communication revised on May 25, 2012 (Standard 1910.1200)

1. Identification

Product identifier
Product name Bactoshield® CHG 4% - Chlorhexidine Gluconate 4% Solution Antiseptic
Product number 134408, 134424, 134433, 134439

Recommended use of the chemical and restrictions on use
Application Antiseptic. For hospital and professional use only.

Details of the supplier of the safety data sheet
Supplier Deb USA, Inc. (dba DebMed)  
2815 Coliseum Centre Drive, Suite 600, Charlotte, North Carolina 28217 USA  
866-783-0422  
704-264-9601

Emergency telephone number
Emergency telephone (800) 424-9300 CHEMTREC (North America)

2. Hazard(s) identification

Classification of the substance or mixture
Physical hazards Flam. Liq. 2 - H225
Health hazards Acute Tox. 4 - H302 Skin Irrit. 2 - H315
Environmental hazards Not Classified

Label elements
Pictogram
Signal word Danger
Hazard statements H225 Highly flammable liquid and vapor.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.
Precautionary statements P270 Do not eat, drink or smoke when using this product.  
P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.  
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P330 Rinse mouth.  
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with national regulations.

Other hazards
Bactoshield® CHG 4% - Chlorhexidine Gluconate 4% Solution Antiseptic

For External use only

### 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Mixtures</th>
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<tbody>
<tr>
<td><strong>Isopropyl Alcohol</strong></td>
</tr>
<tr>
<td>CAS number: —</td>
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<tr>
<td><strong>5-10%</strong></td>
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**Classification**
- Flam. Liq. 2 - H225
- Eye Irrit. 2A - H319
- STOT SE 3 - H336

The full text for all hazard statements is displayed in Section 16.

**Composition comments**  Water, Decylglucoside, Isopropyl Alcohol, Cocamidopropylamine Oxide, Glycerin, Coco-Glucoside, Glyceryl Oleate, Citric Acid

### 4. First-aid measures

**Description of first aid measures**

- **Inhalation**  Unlikely route of exposure as the product does not contain volatile substances.
- **Ingestion**  Rinse mouth thoroughly with water. Get medical attention.
- **Skin Contact**  Not applicable
- **Eye contact**  Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

- **Ingestion**  May be harmful if swallowed.
- **Eye contact**  May cause serious eye damage.

**Indication of immediate medical attention and special treatment needed**  No specific recommendations.

**Notes for the doctor**  No specific recommendations.

### 5. Fire-fighting measures

**Extinguishing media**

- **Suitable extinguishing media**  Use foam, carbon dioxide, dry powder or water fog for extinction.

**Special hazards arising from the substance or mixture**

- **Flammability Class**  Not flammable or combustible
- **Specific hazards**  Thermal decomposition or combustion products may include the following substances:

**Advice for firefighters**  No specific firefighting precautions known.

**Protective actions during firefighting**  No specific firefighting precautions known.

### 6. Accidental release measures

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

- **Personal precautions**  Avoid contact with eyes.

**Environmental precautions**
Bactoshield® CHG 4% - Chlorhexidine Gluconate 4% Solution Antiseptic

Environmental precautions  Not considered to be a significant hazard due to the small quantities used.

Methods and material for containment and cleaning up

Methods for cleaning up  Avoid contamination of ponds or watercourses with washing down water. Avoid runoff into storm sewers and ditches which lead to waterways. Collect with absorbent, non-combustible material into suitable containers.

7. Handling and storage

Precautions for safe handling

Usage precautions  Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions  Store in closed original container at temperatures between 0°C and 40°C.

8. Exposure Controls/personal protection

Exposure controls

Eye/face protection  Not relevant.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance  Clear Colourless Liquid

Color  Colorless to pale yellow.

Odor  IPA odor

pH  pH (concentrated solution): 5.5-7.0

Initial boiling point and range  97°C

Flash point  > 200°F

Relative density  0.9-1.1 g/ml @ 25 degree C

Solubility(ies)  Soluble in water.

10. Stability and reactivity

Stability  Stable at normal ambient temperatures.

Possibility of hazardous reactions  Will not polymerize.

Conditions to avoid  There are no known conditions that are likely to result in a hazardous situation.

Materials to avoid  No specific material or group of materials is likely to react with the product to produce a hazardous situation.

Hazardous decomposition products  Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. Toxicological Information

Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)  500.0
Bactoshield® CHG 4% - Chlorhexidine Gluconate 4% Solution Antiseptic

General information

No specific health hazards known.

Acute and chronic health hazards

No specific health hazards known.

12. Ecological Information

Ecotoxicity

Not regarded as dangerous for the environment.

Persistence and degradability

Persistence and degradability
No information available

Bioaccumulative potential

Bio-Accumulative Potential
No data available on bioaccumulation.

Mobility in soil

Mobility
The product is water soluble and may spread in water systems.

13. Disposal considerations

Waste treatment methods

General information
When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

Road transport notes
Not classified.

Rail transport notes
Not classified.

Sea transport notes
Not classified.

Air transport notes
Not classified.

Environmental hazards

Environmentally Hazardous Substance
No.

15. Regulatory information

Regulatory References
All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances (TSCA) Chemical Substance Inventory.

US State Regulations
State Regulations Comments
Isopropyl alcohol is on the Right to Know Lists in MA, MN, PA and NJ

16. Other information

Revision comments
This is the first issue.

Revision date
3/14/2018

Revision
6

Supersedes date
2/28/2018
Bactoshield® CHG 4% - Chlorhexidine Gluconate 4% Solution Antiseptic

SDS No. 21692

Hazard statements in full
H225 Highly flammable liquid and vapor.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.