



## 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

#### Mixtures

<b>Isopropyl Alcohol</b>	<b>5-10%</b>
CAS number: —	

#### 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

<b>Inhalation</b>	Unlikely route of exposure as the product does not contain volatile substances.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention.
<b>Skin Contact</b>	Not applicable
<b>Eye contact</b>	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

<b>Ingestion</b>	May be harmful if swallowed.
<b>Eye contact</b>	May cause serious eye damage.

#### Indication of immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations.
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### 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

<b>Flammability Class</b>	Not flammable or combustible
<b>Specific hazards</b>	Thermal decomposition or combustion products may include the following substances:

#### Advice for firefighters

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
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### 6. Accidental release measures

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

<b>Personal precautions</b>	Avoid contact with eyes.
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#### 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

<b>Appearance</b>	Clear Colourless Liquid
<b>Color</b>	Colorless to pale yellow.
<b>Odor</b>	IPA odor
<b>pH</b>	pH (concentrated solution): 5.5-7.0
<b>Initial boiling point and range</b>	97°C
<b>Flash point</b>	> 200°F
<b>Relative density</b>	0.9-1.1 g/ml @ at 25 degree C°C
<b>Solubility(ies)</b>	Soluble in water.

### 10. Stability and reactivity

<b>Stability</b>	Stable at normal ambient temperatures.
<b>Possibility of hazardous reactions</b>	Will not polymerize.
<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
<b>Hazardous decomposition products</b>	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

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**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.

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