

# Material Safety Data Sheet

## Vetasept Chlorhexidine Surgical Scrub

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

#### 1.1 Product identification

**Product name(s):** Vetasept Chlorhexidine Surgical Scrub  
**Product code(s):** XHG 007 (500 ml)  
 XHG 008 (5L)

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses:** Skin disinfectant  
**Uses advised against:** Reserved for industrial and professional use  
**Reasons why uses advised against:** -

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

**Company name:** Animalcare Limited  
**Address:** 10 Great Northway  
 York Business Park  
 Nether Poppleton  
 York  
 YO26 6RB  
 United Kingdom

#### 1.4 Emergency telephone number

**Daytime:** +44 (0) 1904 487687

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) 1272/2008**

Serious eye damage/eye irritation, Category 1 H318
Acute aquatic toxicity, Category 1 H400
Chronic aquatic toxicity, Category 2 H411
Eye irritation, Category 2A

#### 2.2 Label elements

**Labelling according to Regulation (EC) 1272/2008**

**Hazard pictograms:**



**Signal word:** Danger

**Hazard statements:** H318 Causes serious eye damage.  
 H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statements:** P273 Avoid release to the environment.  
 P280 Wear eye protection/face protection.  
**Response:**  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER or doctor/ physician.  
 P391 Collect spillage  
 P501 Dispose of contents to hazardous of special waste collection point in accordance with local, regional or national regulation.

Supplemental information: None known

### 2.3 Other hazards

Hazard(s) not otherwise classified (HNOC) No additional information is available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

<i>Substance name in the mixture</i>	<i>CAS No</i>	<i>Quantity</i>	<i>Classification according to Reg EC 1278/2008 (CLP)</i>
Chlorhexidine digluconate	[18472-51-0]	1 – 5 %	Serious eye damage/eye irritation Category 1; H318 Acute aquatic toxicity Category 1; H400 Chronic aquatic toxicity Category 1; H410 Acute Tox oral, H302
Amines C12-14, alkyldimethyl N-oxides	[308062-28-4]	1 – 5 %	Skin irritant 2, H315 Eye Damage 1, H318 Acute aquatic toxicity 1, H400 Chronic aquatic toxicity 2, H411
Glycerol	[56-81-5]	1 – 5 %	N/A
Ethanol	[64-17-5]	1 – 5 %	Flammable liquids Category 2; H225

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

**Eyes:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately

**Skin:** No expected to require first aid measures

**Ingestion:** Rinse mouth. Do not induce vomiting. Get medical attention if symptoms occur

**Inhalation:** No expected to require first aid measures

### 4.2 Most important symptoms and effects, both acute and delayed

No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion. Not expected to present a significant skin hazard under anticipated conditions of use.

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

No additional information is available

## SECTION 5: FIRE- FIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media:** All extinguishing media can be used

**Unsuitable extinguishing media:** None known

### 5.2 Special hazards arising from the substance or mixture

**Specific hazards during firefighting:** Not combustible

**Hazardous combustion products:** Decomposition products may include the following materials: Carbon oxides (CO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>), Sulphur oxides, Oxides of phosphorous

### 5.3 Advice for fire-fighters

**Special protective equipment for firefighters:** Use personal protective equipment

**Further information:** Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**Advice for non-emergency personnel:** No additional information is available

**Advice for emergency responders:** No additional information is available

### 6.2 Environmental precautions

Make sure spills can be contained, e.g. in sump pallets or kerbed areas. Do not allow to enter into surface water of drains. Do not allow to enter into soil/subsoil.

### 6.3 Methods and material for containment and cleaning up

**Methods for cleaning up:** Spill area may be slippery. Dyke for recovery or absorb with appropriate material. Dilute residues and flush

### 6.4 Reference to other sections

See Section 1 for emergency contact information

See section 8 for personal protection

See Section 13 for additional waste treatment information

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

**Advice on safe handling:** Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.

**Hygiene measures:** Keep away from food, drink and animal feedstuff.

### 7.2 Conditions for safe storage, including any incompatibilities

**Requirements for storage areas and containers:** Keep in the original container tightly closed. Store in suitable labelled containers

**Storage temperature:** Store in a cool, well ventilated place.

**Further information on storage conditions:** Protect from freezing

### 7.3 Specific end use(s)

No additional information is available

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

The following constituents are the only constituents of the product which have a PEL, TLV, TWA or other recommended exposure limit. At this time, the other constituents have no known exposure limits

<i>Substance name in the mixture</i>	<i>Type</i>	<i>Value</i>
Chlorhexidine digluconate	DNEL	0.42 mg/m <sup>3</sup>
Ethanol	DNEL	1900 mg/m <sup>3</sup>

## 8.2 Exposure controls

**Engineering measures:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants

### Individual protection measures:

**Hygiene measures:** No specific measures identified

**Eye/face protection:** Safety glasses with side-shields

**Skin/body protection:** No specific measures identified

**Hand protection:** Protective gloves

**Respiratory protection:** None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements (89/656/EEC, 89/686/EEC), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

**Environmental exposure controls:** Consider the provision of containment around storage vessels

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour:</b>	Red
<b>Odour:</b>	No data available
<b>Odour threshold:</b>	No data available
<b>pH:</b>	6.0
<b>Density:</b>	No data available
<b>Melting point:</b>	No data available
<b>Boiling point:</b>	No data available
<b>Flash point:</b>	65 °C
<b>Evaporation rate:</b>	No data available
<b>Flammability:</b>	No data available
<b>Water solubility:</b>	No data available
<b>Partition coefficient:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Thermal decomposition:</b>	No data available
<b>Viscosity:</b>	No data available
<b>Vapour pressure:</b>	No data available
<b>Vapour density:</b>	No data available
<b>Explosive properties:</b>	No data available
<b>Oxidizing properties:</b>	The substance or mixture is not classified as oxidizing

### 9.2 Other information

No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under normal conditions of normal use

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

No dangerous reaction known under normal conditions of normal use

### 10.4 Conditions to avoid

Avoid contact with incompatible materials

### 10.5 Incompatible materials

None Known

### 10.6 Hazardous decomposition products

Decomposition products may include the following materials: Carbon oxides nitrogen oxides Sulphur oxides and oxides of phosphorous

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

<b>Acute toxicity:</b>	Chlorhexidine gluconate LD <sub>50</sub> 1445 mg/kg (Rat, oral) Alkylamineoxides LD <sub>50</sub> 1041 mg/kg (Rat, oral) Ethanol LD <sub>50</sub> 10470 mg/kg (Rat, oral)
<b>Chronic toxicity:</b>	Health injuries are not known or expected under normal use
<b>Skin irritation/sensitization:</b>	Chlorhexidine gluconate LD <sub>50</sub> >2000 mg/kg (Rabbit, dermal) Ethanol LD <sub>50</sub> 15800 mg/kg (Rabbit, dermal)
<b>Reproductive toxicity:</b>	No data available
<b>Carcinogenicity:</b>	No data available
<b>Mutagenicity:</b>	No data available

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity to fish	Alkylamineoxides 96 h LC50 Fish: 2.6 mg/l
Toxicity to daphnia and other	Chlorhexidine gluconate 48 h EC50: 0.06 mg/l

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose of in accordance with the European Directives on waste and hazardous waste. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers

The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number

3082

### 14.2 UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorhexidine digluconate)

### 14.3 Transport hazard class(es)

9



### 14.4 Packing group

III

### 14.5 Environmental hazards

Dangerous for the environment

Marine pollutant

### 14.6 Special precaution for users

Stop the engine. No naked lights. No smoking. Mark roads and warns other road users. Notify the police and fire brigade immediately.

Orange plate



## SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Contains no substances with Annex XVII restrictions. Contains no substances on the REACH candidate list.

Contains no REACH Annex XIV substances.

### 15.2 Chemical safety assessment

No additional information is available.

## SECTION 16: OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of their use

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