



Complying to 91/155/EC, 93/112/EC

# Product Safety Data Sheet

## Vetasept Chlorhexidine Clear Spray

---

---

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	Vetasept Chlorhexidine Clear Spray	
<b>Product Code</b>	XHG 025	500ml
	XHG 026	Refill
<b>Supplier</b>	Animalcare Ltd, Common Road, Dunnington, York, YO19 5RU, Telephone No. +44 (0) 1904 487687 Fax No. +44 (0) 1904 487611 E-Mail: animalcare@animalcare.co.uk. Emergency Telephone +44 (0) 1904 487687 (daytime)	

---

### 2. COMPOSITION / INFORMATION ON COMPONENTS

	<b>CAS No.</b>	<b>FINECS No.</b>
Chlorhexidine Gluconate	18472-51-0	242-354-0
Industrial Methylated Spirit	64-17-5	200-578-6

Other ingredients:  
Purified Water

---

### 3. HAZARDS IDENTIFICATION

Under normal conditions and use it is unlikely to cause any health hazard.

**Main hazards:** Highly flammable. Harmful by inhalation and if swallowed.

**Human health hazards:** May cause irritation to eyes. 300-400ml of liquid can be fatal if ingested.

---

### 4. FIRST AID MEASURES

<b>Skin contact:</b>	Wash skin with plenty of water.
<b>Eye Contact:</b>	Rinse thoroughly immediately with plenty of water for at least 5 minutes keeping eyelid open. Further treatment by eye doctor.
<b>Inhalation:</b>	Remove from exposure. Keep warm and at rest. If there is any difficulty breathing give oxygen. Obtain medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Have patient drink plenty of water in small sips (for dilution).

---

---



# Product Safety Data Sheet

## Vetasept Chlorhexidine Clear Spray

---

---

### 5. FIRE FIGHTING MEASURES

- Extinguishing Agents:** Water spray, fog or alcohol resistant foam. Keep containers and surroundings cool with water.
- Unsuitable Agents:** Do not use water jet.
- Protective Equipment:** Wear self contained breathing apparatus for fire fighting.
- 

### 6. ACCIDENTAL RELEASE MEASURES

- Procedures for clean up:** Contain and absorb using earth, sand or inert material. Try to prevent the material from entering drains or water courses.
- Waste disposal:** Dispose of absorbed material in accordance with Local Authority regulations.
- 

### 7. HANDLING AND STORAGE

Use in a well ventilated area. Avoid inhalation of vapour, eye contact and skin contact. Storage area should be dry, well ventilated and away from sources of heat, ignition and direct sunlight.

---

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- UK Occupational Exposure Standards:** Data for product is given below:  
UK EH40: OES 1000ppm (1900mg/m<sup>3</sup>) 8hr TWA
- Hand Protection:** Wear protective gloves where repeated contact may occur.
- 

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- |                    |                          |                    |                        |
|--------------------|--------------------------|--------------------|------------------------|
| <b>Form:</b>       | Liquid                   | <b>Colour:</b>     | Colourless             |
| <b>Odour:</b>      | IMS                      | <b>Viscosity:</b>  |                        |
| <b>Solubility:</b> | Freely soluble in water  | <b>Density:</b>    | 0.870 to 0.903 at 20°C |
| <b>pH Value:</b>   | Approximately 6.0 to 9.0 | <b>Flashpoint:</b> | 20 - 21°C              |
- 

### 10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Hazardous decomposition products:** Combustion will generate oxides of carbon, and hydrogen chloride. Avoid light effect/sun rays.
- Hazardous reactions:** Avoid oxidising agents. Sulphuric Acid, Nitric Acid.
-



# Product Safety Data Sheet

## Vetasept Chlorhexidine Clear Spray

---

---

### 11. TOXICOLOGICAL INFORMATION

**Toxicological properties:**

- Oral:** Harmful  
LD50 (rat) > 2000 mg/kg (Chlorhexidine Gluconate Solution).  
LD50 (rat) > 6200 to 17800 mg/kg (Industrial Methylated Spirit)
- Dermal:** Repeated contact may cause irritation, skin sensitisation.
- Inhalation:** Permissible concentrations (Air):  
UK EH40: OES 1000ppm (1900mg/m<sup>3</sup>) 8hr TWA.
- 

### 12. ECOLOGICAL INFORMATION

- Mobility:** This product is volatile and will partition to the air phase.  
The product will dissolve rapidly in water. The product is poorly absorbed onto soils or sediments.

- Persistence/Degradability:**  
This product is expected to be readily biodegradable.

- Bio-accumulation:**  
Data for Industrial Methylated Spirit suggests that is unlikely to bio-accumulate.  
Data for Chlorhexidine Gluconate suggests that it is likely to bio-accumulate.

- Ecotoxicity:** Data for Industrial Methylated Spirit is given below:  
Tests on the following species gave a 48h > 9000 of LC50mg/1: fish/daphnia.  
Toxicity threshold concentration (cell multiplication inhibition test) 5000mg/1: algae.  
Bacterial inhibition tests show that the material is not inhibitory to biomass.

Data for chlorhexidine gluconate given below:

Aquatic toxicity

Acute fish toxicity: LC50 (96h) = 10.4mg/1: LCO (96h) = 10.0mg/1:

Brachydanio rerio, OECD 203.

Toxicity to crustaceans: EC50 (48h) > 0.05mg/1 < 0.10mg/1, Daphnia pulex, DEV, DIN 38412, T.11.

Toxicity to algae: IC50 (72h) = 0.011mg/1. Scenedesmus subspicatus, OECD 201.

Subacute toxicity to algae: IC50 (10 days) = 4.4mg/1, green algae.

Behaviour in water treatment plants:

Pseudomonas putida, beginning obstruction of cell multiplication with approximately 3mg/1, DEV, DIN 38412, T.8

Further ecological information: COD value 219000mg/1. BOD5 value: 0mg/1

---

---



# Product Safety Data Sheet

## Vetasept Chlorhexidine Clear Spray

---

---

### 13. DISPOSAL CONSIDERATIONS

**Product Disposal:** Dispose of in accordance with the regulations issued by the appropriate local authorities.

**Container Disposal:** Do not cut, puncture or weld on or near the container. Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be disposed of by land fill or incinerated as appropriate. Do not incinerate closed containers.

---

### 14. TRANSPORT INFORMATION

Land transport ADR/RID

ADR/RID: 3  
Item: 3(b)  
UN-Number: 1987  
Hazard Label: 33  
Description of Goods Ethanol Solution

Maritime transport IMDG

IMDG: 3.2  
UN Number: 1987  
Packaging group: II  
EMS Number: 3-06  
MFAG: 305  
Marine pollutant: Yes  
Proper Shipping Name: Alcohols, N.O.S. (Contains ethanol)

Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class: 3  
UN/ID Number: 1987  
Packaging Group: II  
Proper Shipping name: Alcohols, N.O.S. (Contains ethanol)

---

### 15. REGULATORY INFORMATION

**Classification:** Harmful, Highly Flammable

**Labelling:** Highly Flammable

**Symbol(s):**





Complying to 91/155/EC, 93/112/EC

# Product Safety Data Sheet

## Vetasept Chlorhexidine Clear Spray

---

---

<b>R-Phrases:</b>	R11 Highly Flammable
	R20/22 Harmful by inhalation and if swallowed.
	R36 Irritation to eyes.
<b>S-Phrases:</b>	S1/2 Keep locked up and out of reach of children.
	S7 Keep containers tightly closed.
	S16 Keep away from sources of ignition – No Smoking.
	S24 Avoid contact with skin.
	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

---

### 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.

---