



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

Product Safety Data Sheet

Vetasept Chlorhexidine Hand Rub

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Vetasept Chlorhexidine Hand Rub
Product Code	XHG015 500ml
Supplier	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. HAZARDS IDENTIFICATION

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : F; R11

Physical/chemical hazards: Highly flammable

See section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION / INFORMATION ON COMPONENTS

Substance/preparation: Preparation



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<u>Ingredient name</u>	<u>EINECS</u>	<u>CAS</u>	<u>%</u>	<u>Classification</u>
ethanol	200-578-6	64-17-5	50 - 100	F; R11
glycerine	200-289-5	56-81-5	1 – 2	Not classified
D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3, 12-diimino-2,4,11,13- tetraazatetradecanediamidine (2:1)	242-354-0	18472-51-0	0.5 – 1.0	Xi; R41 [1] N; R50

See section 16 for the full text of the R-phrases declared above

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

Occupational exposure limits, if available, are listed in section 8.

4. FIRST AID MEASURES

Inhalation: Move exposed person to fresh air. Get medical attention if adverse health effects persist or are severe.

Ingestion: Wash out mouth with water. Move exposed person to fresh air. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.



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Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes.

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

Specific treatments : Not available.

See section 11 for more detailed information on health effects and symptoms.

5. FIRE FIGHTING MEASURES

Extinguishing media - Suitable: In case of fire, use water spray (fog), foam, dry chemical or CO₂.

Extinguishing media - Not suitable: Do not use water jet.

Special exposure hazards: Highly flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create a fire or explosion hazard.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES



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Personal precautions:	Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. Avoid breathing vapour or mist. Provide adequate ventilation.
Environmental precautions:	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
Small spill:	Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment.
Large spill:	Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment.

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

7. HANDLING AND STORAGE

Handling:	Do not ingest. Avoid contact with eyes, skin and clothing. Store and use away from heat, sparks, open flame or any other ignition source. After handling, always wash hands thoroughly with soap and water.
Storage:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use.



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Store between the following temperatures: 0 and 25°C

Packaging materials

Recommended: Use original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient Name</u>	<u>Occupational exposure limits</u>
Ethanol	EH40/2005 WELs (United Kingdom (UK), 8/2007). TWA: 1920 mg/m ³ 8 hour(s) TWA: 1000 ppm 8 hour(s)
Glycerine	EH40/2005 WELs (United Kingdom (UK), 8/2007). TWA: 10 mg/m ³ 8 hour(s). Form: Mist

Exposure controls

Occupational exposure controls:

If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

Respiratory protection

(EN 143, 14387):

A respirator is not needed under normal and intended conditions of product use.

Hand protection (EN 374):

No special recommendations.

Eye protection (EN 166):

No special recommendations.

Skin protection (EN 14605):

No special recommendations.



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9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance

Physical state:	Liquid
Colour:	Colourless
Odour:	Alcohol-like

Important health, safety and environmental information

pH:	7.1 (100%)
Boiling point:	Not available
Melting point:	Not available
Flash point:	21 °C (closed cup)
Flammability (solid, gas):	Not applicable
Explosive properties:	Not applicable
Explosion limits:	Lower: 3.1 Vol.%
Oxidising properties:	Not available
Vapour pressure:	Not applicable
Relative density:	0.89 g/cm ³ (20 °C)
Solubility:	Easily soluble in cold water
Octanol/water partition coefficient:	Not applicable
Viscosity:	Not available
Vapour density:	Not available
Evaporation rate (butyl acetate = 1):	Not applicable



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10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Do not mix with other products.

11. TOXICOLOGICAL INFORMATION

Potential acute health effects

Inhalation:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.
Skin contact:	No known significant effects or critical hazards.
Eye contact:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Reproductive toxicity:	No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Ecotoxicity

This product is not subject to ecological classification according to directive 1999/45/EC.

Persistence and degradability



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The total of the organic components contained in the product achieve > 60% BOD/COD or CO2 liberation, or > 70% DOC reduction in tests for ease of degradability – threshold values for ‘readily degradable’ (e.g. to OECD method 301). The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

13. DISPOSAL CONSIDERATIONS

Methods of disposal:

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Can be added to general waste collection after completely emptying. Use packages for recycling only when totally empty.

European waste catalogue (EWC): 200113*

14. TRANSPORT INFORMATION

International transport regulations

<u>Regulatory</u>	<u>UN number</u>	<u>Proper shipping name</u>	<u>Class</u>	<u>Packing Group</u>	<u>Label</u>
<u>Information</u>					
ADR/RID Class	UN1170	Ethanol solution	3	II	3
IMDG Class	UN1170	Ethanol solution	3	II	3

Follow special pack instructions for air transport.



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15. REGULATORY INFORMATION

EU regulations

Hazard symbol/symbols:



Highly flammable

Risk phrases:

R11 – Highly flammable.

Safety phrases:

S2 – Keep out of the reach of children.

S7 – Keep container tightly closed.

S16 – Keep away from sources of ignition – No smoking.

National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations

The Control of Substances Hazardous to Health Regulations

Health and Safety at Work Act

16. OTHER INFORMATION

Full text of R-phrases referred to in sections 2 and 3 – United Kingdom (UK):

R11 – Highly flammable

R41 – Risk of serious damage to eyes

R50 – Very toxic to aquatic organisms

Notice to reader



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