

SAFETY DATA SHEET

Biochlorhex Spray 4%

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name

Biochlorhex Spray 4%

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

Relevant identified uses of the substance or mixture

Chlorhexidine spray for animals

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company details

Willab AB
Hålarpsvägen 15
26962 Båstad
Sweden
Revision date

2023-06-12
SDS Version

2.0

1.4. Emergency telephone number

Emergency: Call 112 and ask for poison information. Open 24 hours a day.
Less urgent: Call 010-456 6700. Open 24 hours a day.
See Section 4 on first aid measures.

SECTION 2: Hazards identification

Classified according to Regulation (EC) No 1272/2008 (CLP).

2.1. Classification of the substance or mixture

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictograms

Not applicable.

Signal word

Not applicable.

Hazard statements

Harmful to aquatic life with long lasting effects. (H412)

Precautionary statements

General

-

Prevention

Avoid release to the environment. (P273)

Response

-

Storage

-

Disposal

Dispose of contents/container in accordance with local regulations. (P501)

Contains

None known.

Complies with Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No 2020/878

Other labelling

Active substance:
 Chlorhexidine digluconate (0.8 g/100g)
 2.3. Other hazards

Other

This mixture/product contains no substances considered to meet the criteria for classification as PBT- and/or vPvB substances.
 The product contains no substances assessed as endocrine disruptors according to the criteria in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Isopropyl alcohol CAS No.: 67-63-0	< 5 %	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
EC No.: 200-661-7		
REACH: 01-2119457558-25-xxxx		
Index No.:		
Chlorhexidine digluconate CAS No.: 18472-51-0	<1%	Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)
EC No.: 242-354-0		
REACH:		
Index No.:		

The full wording of the H-statements is given in Section 16. Occupational exposure limits are given in Section 8, if available.

Other information

-

SECTION 4: First aid measures

4.1. Description of first aid measures

General

In case of accident: Contact a doctor or emergency department - bring the label or this safety data sheet.
 If symptoms persist or if there is any doubt about the condition of the affected person, seek medical attention. Never give an unconscious person water or similar.

Inhalation

In case of breathing difficulties or respiratory irritation: Move the affected person to fresh air immediately and keep the person under observation.

Skin contact

Quickly remove contaminated clothing and shoes. Skin that has been in contact with the material should be washed thoroughly with soap and water. Skin cleanser may be used. Do NOT use organic solvents.

Eye contact

In case of eye irritation: Remove any contact lenses. Rinse immediately with water (20-30 °C) for at least 5 minutes. Seek medical attention.

Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of nausea: Contact a doctor immediately and bring this safety data sheet or the product label.

Do not induce vomiting unless instructed by a doctor. Lower the head so that any vomit does not flow back into the mouth and throat.

Burns

Not applicable.

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

None known.

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

None known.

Information for doctor

Bring this safety data sheet or the product label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Water jet should not be used as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire produces dense smoke. Exposure to decomposition products may constitute a health hazard. Closed containers exposed to fire should be cooled with water. Do not allow firefighting water to enter drains or waterways.

5.3. Advice for firefighters

Use protective equipment including breathing apparatus. If exposure has occurred, contact the Poisons Information Centre (tel. 112, 24/7) for advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No special requirements.

6.2. Environmental precautions

Avoid release into lakes, streams, drains, etc. Contact local environmental authorities in case of release to the environment.

6.3. Methods and material for containment and cleaning up

Spills should be contained and collected with non-combustible absorbent material, e.g. sand, earth, vermiculite, diatomaceous earth

and placed in containers and disposed of in accordance with applicable regulations.

Clean as far as possible with cleaning agents. Solvents should be avoided.

6.4. Reference to other sections

See Section 13 "Disposal considerations".

See Section 8 "Exposure controls/personal protection" regarding personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Provide spill containment if necessary to prevent release to the environment.

Smoking, eating and drinking are not permitted in work areas.

See Section 8 regarding personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers protected from moisture and sunlight. Containers should be dated when opened and tested regularly for the presence of peroxides. Do not exceed storage time limits.

Opened containers must be resealed carefully and stored upright to prevent leakage.

Compatible packaging

Always store in containers made of the same material as the original container.

Storage temperature

Incompatible materials

Strong acids, strong bases, strong oxidising agents and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for the uses described in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Isopropyl alcohol
 Short-term exposure limit (15 minutes) (ppm): 250
 Short-term exposure limit (15 minutes) (mg/m³): 600
 Occupational exposure limit (8 hours) (ppm): 150
 Occupational exposure limit (8 hours) (mg/m³): 350
 Notes:
 V = Indicative short-term exposure limit.

Swedish Work Environment Authority regulations and general advice on occupational exposure limits (AFS 2018:1) and later amendment AFS 2020:6 och AFS 2021:3.

DNEL

No data available.

PNEC

No data available.

8.2. Exposure controls

Compliance with occupational exposure limits should be checked regularly.

General

Smoking, eating and drinking are not permitted in work areas.

Exposure scenarios

No exposure scenarios have been implemented for this product.

Exposure limit

Professional users are subject to occupational health legislation on maximum exposure concentrations.

See the occupational exposure limits above.

Engineering controls

Vapour formation must be kept to a minimum and below current exposure limits (see above). Installation of local exhaust ventilation is recommended if normal airflow in the workroom is insufficient. Ensure that eyewash facilities and emergency showers are clearly marked.

Hygiene measures

At every break during use of the product and at the end of work, exposed areas of the body should be washed. Always wash hands, forearms and face.

Environmental exposure controls

Follow the risk management measures that provide adequate control of environmental exposure to the substance for the exposure scenarios specified in the annex to the safety data sheet (if such an annex exists).

Individual protection measures

General

Use only CE-marked protective equipment.

Respiratory protection

Type
 Class
 Colour
 Standards

Respiratory protection is not required if ventilation is adequate.

Skin protection

No special requirements.

Hand protection

Work situation
 Glove material
 Glove thickness
 (mm)

Breakthrough time
 (min.)

Standards

If exposure lasts for a longer period or concentrations are

Protective gloves
 -
 EN374



Complies with Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No 2020/878

Work situation
 Glove material
 Glove thickness
 (mm)

Breakthrough time
 (min.)

Standards

high

Eye protection

Type
 Standards

Eye protection
 EN166



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Testing is not relevant or possible for this type of product.

Odour / Odour threshold (ppm)

Characteristic

pH

-

pH in solution

5 - 5,5 (%)

Density (g/cm³)

Testing is not relevant or possible for this type of product.

Relative density

~ 1

Kinematic viscosity

Testing is not relevant or possible for this type of product.

Particle characteristics

Not applicable to liquids.

Phase changes

Melting point/freezing point (°C)

~ 0 °C

Softening point/softening range (waxes and pastes) (°C)

Not applicable to liquids.

Boiling point (°C)

~ 100 °C

Vapour

pressure

Testing is not relevant or possible for this type of product.

Vapour density

Testing is not relevant or possible for this type of product.

Decomposition temperature (°C)

Testing is not relevant or possible for this type of product.

Data on fire and explosion hazards

Flash point (°C)

Testing is not relevant or possible for this type of product.

Flammability (°C)

Testing is not relevant or possible for this type of product.

Auto-ignition temperature (°C)

Testing is not relevant or possible for this type of product.

Explosion limits (% v/v)

Testing is not relevant or possible for this type of product.

Solubility

Complies with Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No 2020/878

Solubility in water

Testing is not relevant or possible for this type of product.
n-octanol/water coefficient

Testing is not relevant or possible for this type of product.
Solubility in fat (g/L)

Testing is not relevant or possible for this type of product.

9.2. Other information

Other physical and chemical parameters

No data available.

Oxidising properties

Testing is not relevant or possible for this type of product.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions stated in Section 7 (Handling and storage).

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidising agents and strong reducing agents.

10.6. Hazardous decomposition products

The product does not decompose when used in accordance with Section 1.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not considered to be met.
Skin corrosion/irritation

Based on available data, the classification criteria are not considered to be met.
Serious eye damage/eye irritation

Based on available data, the classification criteria are not considered to be met.
Respiratory sensitisation

Based on available data, the classification criteria are not considered to be met.
Skin sensitisation

Based on available data, the classification criteria are not considered to be met.
Germ cell mutagenicity

Based on available data, the classification criteria are not considered to be met.
Carcinogenicity

Based on available data, the classification criteria are not considered to be met.
Reproductive toxicity

Based on available data, the classification criteria are not considered to be met.
Specific target organ toxicity - single exposure

Based on available data, the classification criteria are not considered to be met.
Specific target organ toxicity - repeated exposure

Based on available data, the classification criteria are not considered to be met.
Aspiration hazard

Based on available data, the classification criteria are not considered to be met.

11.2. Information on other hazards

Long-term effects

None known.

Endocrine disrupting properties

Not applicable.

Complies with Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No 2020/878

Other information

Isopropyl alcohol: The substance has been classified in Group 3 by IARC.

SECTION 12: Ecological information

12.1. Toxicity

No data available.

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

This mixture/product contains no substances considered to meet the criteria for classification as PBT- and/or vPvB substances.

12.6. Endocrine disrupting properties

Not applicable.

12.7. Other adverse effects

The product contains ecotoxic substances that may have harmful effects on aquatic organisms.

The product contains substances that may cause undesirable long-term effects in the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

This product is subject to hazardous waste regulations.

HP 14 - Ecotoxic

Dispose of contents/container at an approved waste disposal facility.

SFS Disposalsförförordning (2020:614).

EWC-kod

02 01 08*

Waste containing hazardous agrochemicals

Contaminated packaging

The waste category is indicative and depends on how the waste was generated. Packaging containing residues of the product must be disposed of in the same way as the product.

SECTION 14: Transport information

	14.1 UN	14.2 UN proper shipping name	14.3 Transport hazard class	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Other

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Maritime class in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

Complies with Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No 2020/878

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

Restrictions on use

None in particular.

Specific training requirements

No special requirements.

SEVESO - Hazard categories / Dangerous substances

Not applicable.

Other

Not applicable.

Sources

Swedish Work Environment Authority regulations and general advice (AFS 2007:5) on pregnant and breastfeeding workers, with later

amendments, most recently AFS 2018:7.

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available

on the market and use of biocidal products.

SFS Disposalsförförordning (2020:614).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration,

Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

SECTION 16: Other information

Wording of H-statements referred to in Section 3

H225, Highly flammable liquid and vapour.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H336, May cause drowsiness or dizziness.

H400, Very toxic to aquatic life.

H410, Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Registry number assigned by Chemical Abstracts Service

CE = Conformité Européenne (In conformity with EU directives)

CLP = Europaparlamentets och rådets förordning (EG) 1272/2009 (CLP) om klassificering, märkning och förpackning of ämnen och blandningar

CSA = Chemical safety assessment

CSR = Chemical Safety Report

DNEL = Derived No Effect Level (Derived No Effect Level)

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH-faröangivelser = supplemental hazard statements under CLP

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NGV = Time-weighted average

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals (Förordning (EG) nr 1907/2006)

Complies with Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No 2020/878

RRN = REACH registration number
SCL = Specific Concentration Limit.
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
SVHC = Substances of Very High Concern
UVBC = Substances of unknown or variable composition, complex reaction products or biological materials.
UN = United Nations
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative
Other

The classification of the mixture with regard to environmental hazards has been carried out in accordance with the calculation methods specified in Regulation

(EG) nr 1272/2008 (CLP).

The safety data sheet has been validated by

Eclipse Biofarmab

Other

Modified data compared with the previous issue is marked with a blue triangle (first digit of the SDS version).

The information in this safety data sheet is based on our current knowledge. The information in the safety data sheet is based on the best available data and applies to the intended handling of the product. This safety data sheet applies only to this product and may not be applicable if the product is used as an ingredient in another product. If the product is used in another way or application than that for which it was originally developed or recommended, this is entirely at the user's own responsibility. The purpose of this safety data sheet is to describe the safety requirements for the product. It must not be regarded as a guarantee of the product's properties, and the information cannot replace a product data sheet.

It is recommended that this safety data sheet be provided to the actual user of the product.

Country-language: SE-en