

Trade name: KerbaDip Lacto

Version: 2 / GB

Date revised: 14.05.2025

Substance number:: R-15516

Replaces Version: 1 / GB

Print date: 28.07.2025

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

### **1.1. Product identifier**

KerbaDip Lacto

#### **Registration no.**

UFI

D4YC-D19J-C00P-GECC

#### **Substance / product identification**

BAuA-Nr: N-111786

PR-No. 15516, 15517, 15529

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

#### **Use of the substance/preparation**

Disinfectant, Udder care, Professional use

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

#### **Address/Manufacturer**

Albert Kerbl GmbH

Felizenzell 9

84428 Buchbach

Telephone no. +49 8086 933-100

Fax no. +49 8086 933-500

Information provided by / telephone Albert Kerbl GmbH Tel.: 0049-(0)8086-933-302

E-mail address of person responsible for this SDS sdb-team@kerbl.com

### **1.4. Emergency telephone number**

Joint poison information center for the states of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia c/o HELIOS Klinikum Erfurt Nordhäuser Strasse 74

Tel.: (03 61) 73 07 30 - Fax: (03 61) 7 30 73 17

E-Mail: ggiz@ggiz-erfurt.de - Internet: www.ggiz-erfurt.de

For England (NHS 111) call: 111

For Scotland (NHS24) call: 111

For Wales (NHS Direct) call: 111

When it's less urgent than: 999

For Northern Ireland call: GP Out-of-Hours (www.gpoutofhours.hscni.net)

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Eye Dam. 1 H318

Aquatic Chronic 3 H412

## Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: KerbaDip Lacto

Version: 2 / GB

Date revised: 14.05.2025

Substance number:: R-15516

Replaces Version: 1 / GB

Print date: 28.07.2025

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008  
For explanation of abbreviations see section 16.

## 2.2. Label elements

### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal word

Danger

#### Hazard statements

H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
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.  
P501.9 Dispose of contents/container as problematic waste.

#### Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains L-(+)-lactic acid

## 2.3. Other hazards

No special hazards have to be mentioned.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients

##### L-(+)-lactic acid

|                                                |                    |
|------------------------------------------------|--------------------|
| CAS No.                                        | 79-33-4            |
| EINECS no.                                     | 201-196-2          |
| Registration no.                               | 01-2119474164-39   |
| Concentration                                  | >= 3 < 5 %         |
| Classification (Regulation (EC) No. 1272/2008) |                    |
|                                                | Skin Corr. 1C H314 |
|                                                | Eye Dam. 1 H318    |

##### chlorhexidine digluconate

|                  |                  |
|------------------|------------------|
| CAS No.          | 18472-51-0       |
| EINECS no.       | 242-354-0        |
| Registration no. | 01-2119946568-22 |

Trade name: KerbaDip Lacto

Version: 2 / GB

Date revised: 14.05.2025

Substance number:: R-15516

Replaces Version: 1 / GB

Print date: 28.07.2025

Concentration  $\geq$  0,25  $<$  1 %

Classification (Regulation (EC) No. 1272/2008)

Eye Dam. 1 H318

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Acute 1 M = 10

Aquatic Chronic 1 M = 1

**Further ingredients****Glycerol**

CAS No. 56-81-5

EINECS no. 200-289-5

Concentration  $\geq$  10  $<$  25 %

Advice: [3]

**Note**

[3] Substance with occupational exposure limits

**Other information**

Mixture was tested according to OECD guidelines and classified accordingly.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid. Clean body thoroughly (bath, shower). In any case show the physician the Safety Data Sheet.

**After inhalation**

Ensure supply of fresh air. When vapours are intensively inhaled, seek medical help immediately.

**After skin contact**

Wash off immediately with soap and water. In case of persistent symptoms consult doctor.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

**After ingestion**

Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting. In case of persistent symptoms consult doctor.

**Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / treatment**

Treat symptomatically

## Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: KerbaDip Lacto

Version: 2 / GB

Date revised: 14.05.2025

Substance number:: R-15516

Replaces Version: 1 / GB

Print date: 28.07.2025

### Hints for the physician / hazards

No further relevant information available.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Dry powder, Foam, Water spray jet, Extinguishing measures to suit surroundings

#### **Non suitable extinguishing media**

Full water jet

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

In case of combustion evolution of dangerous gases possible.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

#### **Other information**

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

## **SECTION 6: Accidental release measures**

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

Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

### **6.2. Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. In case the product spills into sewage waters, immediately inform the authorities.

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

Pick up with absorbent material. Dispose of absorbed material in accordance with the regulations.

### **6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid formation of aerosols. Perform filling operations only at stations with exhaust ventilation facilities. Provide suitable exhaust ventilation at the processing machines. Keep container tightly closed.

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

#### **Storage stability**

Storage time: 24 months

#### **Requirements for storage rooms and vessels**

Trade name: KerbaDip Lacto

Version: 2 / GB

Date revised: 14.05.2025

Substance number:: R-15516

Replaces Version: 1 / GB

Print date: 28.07.2025

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide solvent-resistant and impermeable floor.

**7.3. Specific end use(s)**

Disinfectant; Udder care; Professional use

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Other information**

Contains no substances with occupational exposure limit values.

**8.2. Exposure controls****General protective and hygiene measures**

Hold eye wash fountain available. Hold emergency shower available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

**Respiratory protection**

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

**Hand protection**

Chemical resistant gloves

Appropriate Material NBR (Nitril-Kautschuk)

Use chemical-resistant gloves! Suitable for short-term use: 1,4mm Latex or 0,85mm Nitrile (Recommended: Kerbl Fletex (Latex), or Kerbl Chemex (Nitrile))

Hand protection must comply with EN 374.

**Eye protection**

Safety glasses with side protection shield; Eye protection must comply with EN 166.

**Body protection**

Clothing as usual in the chemical industry. Protective shoes

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

**Physical state** liquid

**Colour** blue

**Odour** fresh

**Melting point**

Remarks not determined

**Freezing point**

Remarks not determined

**Boiling point or initial boiling point and boiling range**

Remarks not determined

**Flammability**

not determined

**Upper and lower explosive limits**

**Safety data sheet in accordance with regulation (EC) No 1907/2006**

Trade name: KerbaDip Lacto

Version: 2 / GB

Date revised: 14.05.2025

Substance number:: R-15516

Replaces Version: 1 / GB

Print date: 28.07.2025

Remarks not determined

**Flash point**

Remarks Not applicable

**Auto-ignition temperature**

Remarks not determined

**Decomposition temperature**

Remarks not determined

**pH value**

Value 2,1

Temperature 20 °C

**Viscosity**

Remarks not determined

**Solubility(ies)**

Remarks not determined

**Partition coefficient n-octanol/water (log value)**

Remarks not determined

**Vapour pressure**

Remarks not determined

**Density and/or relative density**Value 1,04 g/cm<sup>3</sup>**Relative vapour density**

Remarks not determined

**9.2. Other information****Odour threshold**

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Solubility in water**

Remarks Completely miscible

**Explosive properties**

evaluation not determined

**Oxidising properties**

Remarks not determined

**Other information**

None known

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

Trade name: KerbaDip Lacto

Version: 2 / GB

Date revised: 14.05.2025

Substance number:: R-15516

Replaces Version: 1 / GB

Print date: 28.07.2025

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No dangerous reactions when stored and handled according to instructions.

**10.4. Conditions to avoid**

No hazardous reactions known.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

Irritant gases/vapours

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute oral toxicity (Components)****Glycerol**

|         |     |       |       |
|---------|-----|-------|-------|
| Species | rat |       |       |
| LD50    |     | 27200 | mg/kg |

**L-(+)-lactic acid**

|         |     |      |       |
|---------|-----|------|-------|
| Species | rat |      |       |
| LD50    |     | 3543 | mg/kg |

**chlorhexidine digluconate**

|         |     |      |       |
|---------|-----|------|-------|
| Species | rat |      |       |
| LD50    |     | 2270 | mg/kg |

**Acute dermal toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute dermal toxicity (Components)****L-(+)-lactic acid**

|         |        |      |       |
|---------|--------|------|-------|
| Species | rabbit |      |       |
| LD50    | >      | 2000 | mg/kg |

**chlorhexidine digluconate**

|         |        |      |       |
|---------|--------|------|-------|
| Species | rabbit |      |       |
| LD50    | >      | 5000 | mg/kg |

**Acute inhalational toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute inhalative toxicity (Components)****Glycerol**

|                      |     |      |                   |
|----------------------|-----|------|-------------------|
| Species              | rat |      |                   |
| LC50                 | >   | 5850 | mg/m <sup>3</sup> |
| Duration of exposure | 4   | h    |                   |

**L-(+)-lactic acid**

## Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: KerbaDip Lacto

Version: 2 / GB

Date revised: 14.05.2025

Substance number:: R-15516

Replaces Version: 1 / GB

Print date: 28.07.2025

Remarks

EUH071 Corrosive to the respiratory tract.

### Skin corrosion/irritation

Remarks

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

### Serious eye damage/irritation

Remarks

Causes serious eye damage.

### Sensitization

Remarks

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

### Subacute, subchronic, chronic toxicity

Remarks

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

### Mutagenicity

Remarks

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

### Reproductive toxicity

Remarks

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

### Carcinogenicity

Remarks

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

### Specific Target Organ Toxicity (STOT)

Remarks

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

## 11.2. Information on other hazards

### Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

### Other information

There is no data available on the product apart from the information given in this subsection.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### General information

Harmful to aquatic life with long lasting effects.

#### Fish toxicity (Components)

##### Glycerol

|                      |                                              |      |
|----------------------|----------------------------------------------|------|
| Species              | rainbow trout ( <i>Oncorhynchus mykiss</i> ) |      |
| LC50                 | 54000                                        | mg/l |
| Duration of exposure | 96                                           | h    |

##### L-(+)-lactic acid

|         |      |      |
|---------|------|------|
| Species | Fish |      |
| LOEC    | 2,18 | mg/l |

##### L-(+)-lactic acid

|         |                                              |      |
|---------|----------------------------------------------|------|
| Species | rainbow trout ( <i>Oncorhynchus mykiss</i> ) |      |
| LC50    | 130                                          | mg/l |

##### chlorhexidine digluconate

|         |                                         |  |
|---------|-----------------------------------------|--|
| Species | zebra fish ( <i>Brachydanio rerio</i> ) |  |
|---------|-----------------------------------------|--|

Trade name: KerbaDip Lacto

Version: 2 / GB

Date revised: 14.05.2025

Substance number:: R-15516

Replaces Version: 1 / GB

Print date: 28.07.2025

LC50 2,18 mg/l

Duration of exposure 96 h

**Daphnia toxicity (Components)****L-(+)-lactic acid**

Species Daphnia magna

EC50 130 mg/l

Duration of exposure 48 h

**chlorhexidine digluconate**

Species Daphnia magna

EC50 0,087 mg/l

Duration of exposure 48 h

**Algae toxicity (Components)****L-(+)-lactic acid**

Species Pseudokirchneriella subcapitata

EC50 &gt; 2800 mg/l

Duration of exposure 72 h

**chlorhexidine digluconate**

Species Algae

ErC10 0,03 mg/l

Duration of exposure 72 h

**12.2. Persistence and degradability****General information**

not determined

**12.3. Bioaccumulative potential****General information**

not determined

**Partition coefficient n-octanol/water (log value)**

Remarks not determined

**12.4. Mobility in soil****General information**

not determined

**12.5. Results of PBT and vPvB assessment****General information**

not determined

**12.6 Endocrine disrupting properties****Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects****General information**

## Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: KerbaDip Lacto

Version: 2 / GB

Date revised: 14.05.2025

Substance number:: R-15516

Replaces Version: 1 / GB

Print date: 28.07.2025

not determined

### General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Disposal recommendations for the product**

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Must not be disposed of together with household waste.

Do not allow to enter drains.

#### **Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

## **SECTION 14: Transport information**

|                                  | Land transport ADR/RID                                                   | Marine transport<br>IMDG/GGVSee                                         | Air transport ICAO/IATA                                                 |
|----------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 14.1. UN number or ID number     | The product does not constitute a hazardous substance in land transport. | The product does not constitute a hazardous substance in sea transport. | The product does not constitute a hazardous substance in air transport. |
| 14.2. UN proper shipping name    | -                                                                        | -                                                                       | -                                                                       |
| 14.3. Transport hazard class(es) | -                                                                        | -                                                                       | -                                                                       |
| Label                            |                                                                          |                                                                         |                                                                         |
| 14.4. Packing group              | -                                                                        | -                                                                       | -                                                                       |
| 14.5. Environmental hazards      | -                                                                        | no                                                                      | -                                                                       |

### **Information for all modes of transport**

#### **14.6. Special precautions for user**

None

### **Other information**

#### **14.7. Maritime transport in bulk according to IMO instruments**

Not relevant

## **SECTION 15: Regulatory information**

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

#### **Other regulations, restrictions and prohibition regulations**

Trade name: KerbaDip Lacto

Version: 2 / GB

Date revised: 14.05.2025

Substance number:: R-15516

Replaces Version: 1 / GB

Print date: 28.07.2025

Regulation (EU) No. 528/2012 (Biocidal products)

PT03 - Hygiene in the veterinary sector

Chlorohexidinedigluconate

2,6 g/kg

L-(+)-Milchsäure

40 g/kg

## 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Hazard statements listed in Chapter 3

|      |                                                       |
|------|-------------------------------------------------------|
| H314 | Causes severe skin burns and eye damage.              |
| H318 | Causes serious eye damage.                            |
| H400 | Very toxic to aquatic life.                           |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects.    |

### CLP categories listed in Chapter 3

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Aquatic Acute 1   | Hazardous to the aquatic environment, acute, Category 1   |
| Aquatic Chronic 1 | Hazardous to the aquatic environment, chronic, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment, chronic, Category 3 |
| Eye Dam. 1        | Serious eye damage, Category 1                            |
| Skin Corr. 1C     | Skin corrosion, Category 1C                               |

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.