

Safety Data Sheet
according to Regulation (EC) No. 1907/2006
(REACH)



Trade name : UdderoDip Lacto 5 kg
Revision date : 04.11.2022
Print date : 04.11.2022

Version (Revision) : 4.0.0 (3.0.0)

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

1.1 Product identifier

UdderoDip Lacto 15258, 15259

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

Relevant identified uses

Biocide - disinfection

Remark

Active substance:

0,35 g/100 g D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1) (Chlorhexidindigluconate)

1,17 g/100 g L-(+)-Lactic acid

1.3 Details of the supplier of the safety data sheet

Supplier

Albert Kerbl GmbH

Street : Felizenzell 9

Postal code/City : 84428 Buchbach

Telephone : 08086/933-0

Telefax : 08086/933-510

1.4 Emergency telephone number

Giftnotruf Berlin

Charité – Universitätsmedizin Berlin

Campus Benjamin Franklin

Haus VIII, UG

Hindenburgdamm 30

D-12203 Berlin

+49(0)30/30686 700, Internat. INFOTRAC +1 3523233500

Tox Info Suisse: 145 (24h-Notrufnummer)

Vergiftungsinformationszentrale (VIZ) Österreich: +43 1 406 43 43

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

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Corrosion (GHS05)

Signal word

Danger

Hazard components for labelling

L-(+)-lactic acid ; CAS No. : 79-33-4

Alcohols, C9-11, ethoxylated ; CAS No. : 68439-46-3

SODIUM HYDROXIDE ; CAS No. : 1310-73-2

Hazard statements

H318 Causes serious eye damage.

H315 Causes skin irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of the reach of children.

P101 If medical advice is needed, have product container or label at hand.

P280 Wear protective gloves and eye 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.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P501 Dispose of contents/container to hazardous or special waste collection point

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

PROPAN-2-OL ; REACH No. : 01-2119457558-25-0000 ; EC No. : 200-661-7 ; CAS No. : 67-63-0

Weight fraction : ≥ 1 - < 5 %

Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319 STOT SE 3 ; H336

L-(+)-lactic acid ; REACH No. : 01-2119774164-39-0000 ; EC No. : 201-196-2 ; CAS No. : 79-33-4

Weight fraction : ≥ 1 - < 3 %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 EUH071

Alcohols, C9-11, ethoxylated ; CAS No. : 68439-46-3

Weight fraction : ≥ 1 - < 3 %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

SODIUM HYDROXIDE ; REACH No. : 01-2119457892-27-XXXX ; EC No. : 215-185-5 ; CAS No. : 1310-73-2

Weight fraction : $\geq 0,5$ - < 1 %

Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Skin Corr. 1A ; H314 Eye Dam. 1 ; H318

Specific Conc. Limits : **Skin Corr. 1A ; H314: C \geq 5 % • Eye Dam. 1 ; H318: C \geq 2 % • Skin Corr. 1B ; H314: C \geq 2 % • Skin Corr. 1C ; H314: C \geq 2 % • Eye Irrit. 2 ; H319: C \geq 0,5 % • Skin Irrit. 2 ; H315: C \geq 0,5 %**

D-gluconic acid, compound with N,N'-bis(4-chlorophenyl) -3,12-diimino-2,4,11,13-tetraazatetradecanediamidine

(2:1) (Chlorhexidine digluconate) ; REACH No. : 01-2119946568-22-XXXX ; EC No. : 242-354-0 ; CAS No. : 18472-51-0

Weight fraction : $\geq 0,25$ - < 0,5 %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

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Specific Conc. Limits : (M Chronic=1) • (M Acute=10)

Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

When in doubt or if symptoms are observed, get medical advice.

Following inhalation

In case of respiratory tract irritation, consult a physician. Provide fresh air.

In case of skin contact

In case of skin irritation, consult a physician. Wash immediately with: Water and soap

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Seek medical advice immediately (poison centre).

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Foam Carbon dioxide (CO₂) Dry extinguishing powder
Sand

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to the escape of irritating gases and vapours.

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8. Provide adequate ventilation. Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

None

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Keep in a cool, well-ventilated place. Protect against UV-radiation/sunlight Heat.

Hints on joint storage

Storage class (TRGS 510) : 12

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

GLYCEROL ; CAS No. : 56-81-5

Limit value type (country of origin) : TRGS 900 (D)

Parameter : E: inhalable fraction

Limit value : 200 mg/m³

Peak limitation : 2(I)

Remark : Y

Version : 27.10.2020

PROPAN-2-OL ; CAS No. : 67-63-0

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 200 ppm / 500 mg/m³

Peak limitation : 2(II)

Remark : Y

Version : 02.07.2021

Biological limit values

PROPAN-2-OL ; CAS No. : 67-63-0

Limit value type (country of origin) : TRGS 903 (D)

Parameter : Acetone / Whole blood (B) / End of exposure or end of shift

Limit value : 25 mg/l

Version : 04.05.2021

Limit value type (country of origin) : TRGS 903 (D)

Parameter : Acetone / Urine (U) / End of exposure or end of shift

Limit value : 25 mg/l

Version : 04.05.2021

DNEL-/PNEC-values

DNEL/DMEL

PROPAN-2-OL ; CAS No. : 67-63-0

Limit value type : DNEL/DMEL (Consumer)

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 89 mg/m³

Limit value type : DNEL/DMEL (Consumer)

Exposure route : Dermal

Exposure frequency : Long-term

Limit value : 319 mg/kg

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Assessment factor : day(s)
Limit value type : DNEL/DMEL (Consumer)
Exposure route : Oral
Exposure frequency : Long-term
Limit value : 26 mg/kg
Assessment factor : day(s)
Limit value type : DNEL/DMEL (Worker)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 500 mg/m³
Limit value type : DNEL/DMEL (Worker)
Exposure route : Dermal
Exposure frequency : Long-term
Limit value : 888 mg/kg
Assessment factor : day(s)

SODIUM HYDROXIDE ; CAS No. : 1310-73-2

Limit value type : DNEL Consumer (local)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 1 mg/kg
Limit value type : DNEL worker (local)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 1 mg/m³

PNEC

PROPAN-2-OL ; CAS No. : 67-63-0

Limit value type : PNEC (Aquatic, freshwater)
Exposure route : Water (Including sewage plant)
Limit value : 140,9 mg/l
Limit value type : PNEC (Aquatic, marine water)
Exposure route : Water (Including sewage plant)
Limit value : 140,9 mg/l
Limit value type : PNEC (Sediment, freshwater)
Limit value : 552 mg/kg
Limit value type : PNEC (Sediment, marine water)
Limit value : 552 mg/kg
Limit value type : PNEC (Soil)
Exposure route : Soil
Limit value : 28 mg/kg
Limit value type : PNEC (Secondary poisoning)
Limit value : 160 mg/kg
Limit value type : PNEC (Sewage treatment plant)
Exposure route : Water (Including sewage plant)
Limit value : 2251 mg/l

L-(+)-lactic acid ; CAS No. : 79-33-4

Limit value type : PNEC (Industrial)
Exposure route : Water (Including sewage plant)
Exposure time : Short-term
Limit value : 10 mg/l

8.2 Exposure controls

Personal protection equipment

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Skin protection

By long-term hand contact Hand protection Suitable material Butyl caoutchouc (butyl rubber) NBR (Nitrile rubber)
Wear cotton undermitten if possible. When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

Body protection

Wash contaminated clothing prior to re-use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety characteristics

Physical state :		Liquid
Flash point :		not applicable
Density :	(20 °C)	1,02 g/cm ³
pH :	approx.	6,5
Maximum VOC content (EC) :		1,7 Weight-%

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Heat. Protect against direct sunlight.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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

No information available.

11.2 Information on other hazards

No information available.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

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Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose according to legislation.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No transport as bulk according to IBC Code.

SECTION 15: Regulatory information

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

EU legislation

Biocide directive ((EU) No. 528/2012)

Authorisations and/or restrictions on use

Restrictions on use

Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)

Use restriction according to REACH annex XVII, no. : 3, 40, 75

National regulations

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Water hazard class

Classification according to AwSV - Class : 1 (Slightly hazardous to water)

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 03. Hazardous ingredients · 07. Hints on joint storage - Storage class · 08. Occupational exposure limit values · 15. Restrictions on use · 15. Water hazard class · 15. Sum substances WGK

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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16.5 Relevant H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
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.
EUH071	Corrosive to the respiratory tract.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.