

# SAFETY DATA SHEET

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

Revision date: 5 Jul 2023

Print date: 28 Jul 2023

Version: 3

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## KERALIT ® Dermacure-Vet Salbe

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

#### 1.1. Product identifier

Trade name/designation:

KERALIT ® Dermacure-Vet Salbe

UFI:

6800-POVS-N001-TP52

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

Use of the substance/mixture:

Relevant identified uses : Hautsalbe für Pferde  
/ ointment for horses

Uses advised against Nicht am Menschen anwenden. / Do not use on humans.

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Keralit ® Veterinär- und Pferdetechnik GmbH

Brenntenhau 1

71106 Magstadt

Telephone: +49 7159 42848

Telefax: +49 7159 42701

E-mail: keralit@aol.com

E-mail (competent person): keralit@aol.com

#### 1.4. Emergency telephone number

DI RUFF Florian - +49 7159 42848, 24h: 030 30686700 (Giftnotruf der Charité - Universitätsmedizin Berlin)

### SECTION 2: Hazards identification

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

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Hazardous to the aquatic environment (Aquatic Chronic 2)	H411: Toxic to aquatic life with long lasting effects.	Calculation method.

#### 2.2. Label elements

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

Hazard pictograms:



GHS09

Environment

#### Hazard statements for environmental hazards

H411 Toxic to aquatic life with long lasting effects.

Supplemental hazard information: none

#### Precautionary statements Response

P391 Collect spillage.

#### 2.3. Other hazards

Adverse physicochemical effects:

No information available.

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### Adverse human health effects and symptoms:

No information available.

### Adverse environmental effects:

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

### Other adverse effects:

No information available.


## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Description:

The article is a mixture consisting of non-hazardous substances of the following hazardous substances:

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No. 1272/2008 [CLP]	Concentration
CAS No.: 1314-13-2 EC No.: 215-222-5 Index No.: 030-013-00-7	<b>zinc oxide</b> Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410)  Warning	1 - ≤ 10 weight-%

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

Get medical advice/attention if you feel unwell.

#### Following inhalation:

Provide fresh air.

#### In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap.

#### After eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water.

In case of eye irritation consult an ophthalmologist.

#### Following ingestion:

Rinse mouth immediately and drink plenty of water. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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

No known symptoms to date.

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

No information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Carbon dioxide (CO<sub>2</sub>) Foam Extinguishing powder

#### Unsuitable extinguishing media:

Full water jet

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

In case of fire may be liberated: hazardous gases and vapours

### 5.3. Advice for firefighters

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

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Dispose according to legislation.

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

**Personal precautions:**

Wear personal protection equipment.

##### 6.1.2. For emergency responders

**Personal protection equipment:**

No special measures are necessary.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

**For cleaning up:**

Take up mechanically.

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

#### 6.4. Reference to other sections

See protective measures under point 7 and 8.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Protective measures**

**Advices on safe handling:**

No special handling advices are necessary.

**Fire prevent measures:**

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

**Environmental precautions:**

Shafts and sewers must be protected from entry of the product.

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

**Requirements for storage rooms and vessels:**

Keep container tightly closed and dry.

Keep cool. Protect from sunlight.

**Hints on storage assembly:**

none

**Storage class (TRGS 510, Germany):** 11 - Combustible solids that cannot be assigned to any of the above storage classes

**Further information on storage conditions:**

none

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

**Recommendation:**

refer to chapter 1.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No data available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

All work processes must always be designed so that the following is as low as possible:

Skin contact

##### 8.2.2. Personal protection equipment

**Eye/face protection:**

Eye protection: not required.

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### Skin protection:

Hand protection: not required.

### Respiratory protection:

With correct and proper use, and under normal conditions, breathing protection is not required.

### Other protection measures:

When using do not eat, drink, smoke, sniff.

Wash hands before breaks and after work.

### 8.2.3. Environmental exposure controls

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

See chapter 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

**Physical state:** solid

**Colour:** colourless - light yellow

**Odour:** characteristic

**Odour threshold:** not determined

#### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	7 - 8		① estimated ② The statement is derived from the properties of the single components.
Melting point	<i>not determined</i>		
Freezing point	<i>not determined</i>		
Initial boiling point and boiling range	<i>not determined</i>		① not determined
Decomposition temperature	<i>not determined</i>		
Flash point	<i>not determined</i>		
Evaporation rate	<i>not determined</i>		
Auto-ignition temperature	<i>not determined</i>		
Upper/lower flammability or explosive limits	<i>not applicable</i>		
Vapour pressure	<i>not determined</i>		
Vapour density	<i>not determined</i>		
Density	<i>not determined</i>		
Relative density	<i>not determined</i>		
Bulk density	<i>not determined</i>		
Water solubility	<i>not determined</i>		
Partition coefficient: n-octanol/water	<i>not determined</i>		① not determined
Dynamic viscosity	<i>not determined</i>		① not determined
Kinematic viscosity	<i>not determined</i>	40 °C	

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

### 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.

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### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

### 10.5. Incompatible materials

Oxidising agent, strong

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

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

#### Acute oral toxicity:

When used and handled according to specifications the product does not have any adverse effects to health according to our experience and the information provided to us.

#### Acute dermal toxicity:

When used and handled according to specifications the product does not have any adverse effects to health according to our experience and the information provided to us.

#### Acute inhalation toxicity:

When used and handled according to specifications the product does not have any adverse effects to health according to our experience and the information provided to us.

#### Skin corrosion/irritation:

non-irritant. The product has not been tested. The statement is derived from the properties of the single components.

#### Serious eye damage/irritation:

non-irritant. The product has not been tested. The statement is derived from the properties of the single components.

#### Respiratory or skin sensitisation:

not sensitising. The product has not been tested. The statement is derived from the properties of the single components.

#### Germ cell mutagenicity:

No indications of human germ cell mutagenicity exist.

#### Carcinogenicity:

No indications of human carcinogenicity exist.

#### Reproductive toxicity:

No indications of human reproductive toxicity exist.

#### STOT-single exposure:

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

#### STOT-repeated exposure:

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

#### Aspiration hazard:

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

### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>zinc oxide</b> CAS No.: 1314-13-2 EC No.: 215-222-5
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<b>EC<sub>50</sub>:</b> 17 mg/L 3 d (Algae/water plant, Selenastrum capricornutum)
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#### Aquatic toxicity:

Toxic to fish.

#### Assessment/classification:

Toxic to aquatic life.

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### 12.2. Persistence and degradability

**zinc oxide** CAS No.: 1314-13-2 EC No.: 215-222-5

**Biodegradation:** not applicable

#### Biodegradation:

The organic part of the product is biodegradable.

### 12.3. Bioaccumulative potential

#### Accumulation / Evaluation:

No indication of bioaccumulation potential.

### 12.4. Mobility in soil

No adsorption in soil or sediment.

### 12.5. Results of PBT and vPvB assessment

**zinc oxide** CAS No.: 1314-13-2 EC No.: 215-222-5

**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

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

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

Further ecological information: Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Consult the appropriate local waste disposal expert about waste disposal.

Vorschlagsliste für Abfallschlüssel/Abfallbezeichnungen gemäß AVV:

#### 13.1.1. Product/Packaging disposal

#### Waste codes/waste designations according to EWC/AVV

##### Waste code product

18 02 05 *	Chemicals consisting of or containing hazardous substances
20 03 99	municipal wastes not otherwise specified

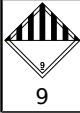
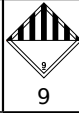
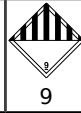
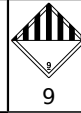
\*: Evidence for disposal must be provided.

#### Waste treatment options

##### Appropriate disposal / Package:

Contaminated packages must be completely emptied and can be re-used following proper cleaning.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
UN 3077	UN 3077	UN 3077	UN 3077
<b>14.2. UN proper shipping name</b>			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)
<b>14.3. Transport hazard class(es)</b>			
 9	 9	 9	 9
<b>14.4. Packing group</b>			
III	III	III	III

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.5. Environmental hazards</b>			
			
<b>14.6. Special precautions for user</b>			
<b>Special Provisions:</b> 274   335   375   601 <b>Limited quantity (LQ):</b> 5 kg <b>Excepted Quantities (EQ):</b> E1 <b>Hazard identification number (Kemler No.):</b> 90 <b>Classification code:</b> M7 <b>Tunnel restriction code:</b> (-)	<b>Special Provisions:</b> 274   335   375   601 <b>Limited quantity (LQ):</b> 5 kg <b>Excepted Quantities (EQ):</b> E1 <b>Classification code:</b> M7	<b>Special Provisions:</b> 274   335   966   967   969 <b>Limited quantity (LQ):</b> 5 kg <b>Excepted Quantities (EQ):</b> E1 <b>EmS-No.:</b> F-A, S-F	<b>Special Provisions:</b> A97   A158   A179   A197   A215 <b>Limited quantity (LQ):</b> Y956 <b>Excepted Quantities (EQ):</b> E1

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

No data available

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

##### Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive], Hazard categories:

- E2 Hazardous to the Aquatic Environment in Category Chronic 2

#### 15.1.2. National regulations

##### [DE] National regulations

##### Restrictions of occupation

None

##### Störfallverordnung (12. BImSchV)

##### for substances contained in the product:

Hazard categories:

- E2 Hazardous to the Aquatic Environment in Category Chronic 2

##### Water hazard class

##### WGK:

2 - obviously hazardous to water

##### Source:

S Selbsteinstufung

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

None

### 15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

## SECTION 16: Other information

### 16.1. Indication of changes

1.1. Product identifier

### 16.2. Abbreviations and acronyms

ACGIH American Conference of Governmental Industrial Hygienists

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## KERALIT® Dermacure-Vet Salbe

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DNEL	derived no-effect level
EC <sub>50</sub>	Effective Concentration 50%
ES	Exposure scenario
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

### 16.3. Key literature references and sources for data

REACH Dissemination Portal

<https://echa.europa.eu/de/information-on-chemicals/registered-substances>

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Hazardous to the aquatic environment ( <i>Aquatic Chronic 2</i> )	H411: Toxic to aquatic life with long lasting effects.	Calculation method.

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### 16.6. Training advice

No data available

### 16.7. Additional information

This Safety Data Sheet was drawn up by TÜV SÜD Industrie Service GmbH (see below), based on data from the supplier, who is named in section 1 and who is responsible for this document.

TÜV SÜD Industrie Service GmbH  
Department Environmental Service  
Westendstraße 199  
80686 Munich - Germany

\* Data changed compared with the previous version.