

SAFETY DATA SHEET

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

Revision date: 28 Jul 2023

Print date: 28 Jul 2023

Version: 3

Page 1/8

KERALIT® Keralysin-Salbe

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

1.1. Product identifier

Trade name/designation:

KERALIT® Keralysin-Salbe

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

Use of the substance/mixture:

Relevant identified uses : Pflegeprodukte für Pferde

/ care products for horses

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

Relevant identified uses:

Life cycle stage [LCS]

PW: Widespread use by professional workers

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]

The mixture is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

2.2. Label elements

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

According to EC directives or the corresponding national regulations, the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

2.3. Other hazards

Adverse physicochemical effects:

No information available.

Adverse human health effects and symptoms:

No information available.

Adverse environmental effects:

The substance in the mixture does 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:

SAFETY DATA SHEET

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

Revision date: 28 Jul 2023



Print date: 28 Jul 2023

Version: 3

Page 2/8

KERALIT® Keralysin-Salbe

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No. 1272/2008 [CLP]	Concentration
CAS No.: 8042-47-5 EC No.: 232-455-8	White mineral oil (petroleum) Asp. Tox. 1 (H304)  Danger	5 - ≤ 15 weight-%
CAS No.: 69-72-7 EC No.: 200-712-3	salicylic acid Acute Tox. 4 (H302), Eye Dam. 1 (H318)  Danger	< 0.5 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:

kaltes Produkt: No special measures are required.

The melted product can cause severe burns. Burns caused by molten material must be treated clinically.

Following inhalation:

von Dämpfen des heißen Produkts: Provide fresh air.

In case of skin contact:

After contact with molten product, cool skin area rapidly with cold water.

After eye contact:

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

In case of eye irritation consult an ophthalmologist.

Following ingestion:

The melted product can cause severe burns.

Burns caused by molten material must be treated clinically.

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

The following symptoms may occur: bei Verschlucken großer Mengen: Durchfall

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 (CO₂) 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

Do not allow run-off from fire-fighting to enter drains or water courses.

Dispose according to legislation.

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.

See protective measures under point 7 and 8.

SAFETY DATA SHEET

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

Revision date: 28 Jul 2023

Print date: 28 Jul 2023

Version: 3

Page 3/8

KERALIT® Keralysin-Salbe

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:

festes Produkt: Take up mechanically.

flüssiges Produkt: Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

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

6.4. Reference to other sections

No data available

6.5. Additional information

See section 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.

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

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
TRGS 900 (DE) from 1 Sept 2015	White mineral oil (petroleum) CAS No.: 8042-47-5 EC No.: 232-455-8	① 5 mg/m ³ ② 20 mg/m ³ ⑤ (alveolengängige Fraktion) DFG, Y

8.1.2. Biological limit values

No data available

SAFETY DATA SHEET

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

Revision date: 28 Jul 2023

Print date: 28 Jul 2023

Version: 3

Page 4/8

KERALIT® Keralysin-Salbe

8.1.3. DNEL-/PNEC-values

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.

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:

General health and safety measures: Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

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

Wash hands before breaks and after work.

8.2.3. Environmental exposure controls

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: whitish

Odour: Lemon

Odour threshold: not determined

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	6 - 8		① estimated
Melting point	> 50 °C		① The product has not been tested. The statement is derived from the properties of the single components.
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	> 180 °C		① The product has not been tested. The statement is derived from the properties of the single components.
Evaporation rate	<i>not determined</i>		
Auto-ignition temperature	<i>not determined</i>		
Upper/lower flammability or explosive limits	<i>not determined</i>		
Vapour pressure	0.01 hPa	20 °C	① The product has not been tested. The statement is derived from the properties of the single components.
Vapour density	<i>not determined</i>		
Density	0.85 - < 1 g/cm ³	20 °C	① The product has not been tested. The statement is derived from the properties of the single components.
Relative density	<i>not determined</i>		

SAFETY DATA SHEET

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

Revision date: 28 Jul 2023

Print date: 28 Jul 2023

Version: 3

Page 5/8

KERALIT® Keralysin-Salbe

Parameter	Value	at °C	① Method ② Remark
Bulk density	<i>not determined</i>		
Water solubility	0		
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>		

9.2. Other information

-

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.

10.4. Conditions to avoid

starke Oxidising agent

Längere Lagerung bei 20°C oberhalb des Erstarrungspunktes kann zu Qualitätsbeeinträchtigungen führen.

10.5. Incompatible materials

not known

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:

The mixture is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

Acute dermal toxicity:

The mixture is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

Acute inhalation toxicity:

The mixture is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

Skin corrosion/irritation:

Irritant effect on the skin: non-irritant. The product has not been tested. The statement is derived from the properties of the single components.

Serious eye damage/irritation:

Irritant effect on the eye: 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 experimental indications of in vitro mutagenicity exist.

Carcinogenicity:

No indications of human carcinogenicity exist.

Reproductive toxicity:

No evidence for reproductive toxicity in experimental animals.

STOT-single exposure:

The mixture is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

SAFETY DATA SHEET

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

Revision date: 28 Jul 2023

Print date: 28 Jul 2023

Version: 3

Page 6/8

KERALIT® Keralysin-Salbe

STOT-repeated exposure:

The mixture is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

Aspiration hazard:

The mixture is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

11.2. Information on other hazards

Endocrine disrupting properties:

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no component meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

No information available.

Effects in sewage plants:

Mechanische Separation in Kläranlagen ist möglich.

Assessment/classification:

The mixture is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

12.2. Persistence and degradability

Additional information:

Further ecological information: Not readily biodegradable (according to OECD criteria)

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

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

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no component meets the criteria.

12.7. Other adverse effects

Further ecological information: No information available.

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

20 03 99	municipal wastes not otherwise specified
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Remark:

Entsorgung zusammen mit pharmazeutischen Abfällen. Die Entsorgung ist NICHT nachweispflichtig.

Waste treatment options

Appropriate disposal / Package:

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

SAFETY DATA SHEET

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

Revision date: 28 Jul 2023

Print date: 28 Jul 2023

Version: 3

Page 7/8

KERALIT® Keralysin-Salbe

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

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]: This product is not assigned to a hazard category.

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

None

Störfallverordnung (12. BImSchV)

for substances contained in the product:

This product is not assigned to a hazard category.

Water hazard class

WGK:

1 - slightly 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

No data available

16.2. Abbreviations and acronyms

ACGIH American Conference of Governmental Industrial Hygienists

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

SAFETY DATA SHEET

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

Revision date: 28 Jul 2023

Print date: 28 Jul 2023

Version: 3

Page 8/8

KERALIT® Keralysin-Salbe

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
ES	Exposure scenario
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
OECD	Organisation for Economic Cooperation and Development
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]

The mixture is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

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

Hazard statements	
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.

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
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