

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

1.1 Product identifier

Trade name/designation 5 Star Detangler

Material no.: 192031

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

Relevant identified uses

Sector of uses [SU]

SU1 Agriculture, forestry, fishery.

Process categories [PROC]

PROC11 Spraying outside industrial settings and/or applications.

1.3 Details of the supplier of the safety data sheet

Manufacturer

leovet Dr. Jacoby GmbH & Co. KG

Beim Eberacker 1

Deutschland-35633 Lahnau

P.O. Box:

Telephone: +49 (0)6441 9659-0

Telefax: +49 (0)6441 9659-59

E-mail: info@leovet.de

Dept. responsible for information: Labor

Information telephone: +49 (0)6441 965927

1.4 Emergency telephone number

Only available during office hours.

SECTION 2: Hazards identification

Hazards description

Hazard designation:

The preparation is not dangerous in the sense of Directive 1999/45/EC.

2.1 Classification of the substance or mixture

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

remark

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

Classification according to Directive 67/548/EEC or 1999/45/EC

remark

This mixture is classified as not hazardous according to 1999/45/EC.

2.2 Label elements

No data available

2.3 Other hazards

No data available

SECTION 3: Composition / information on ingredients

3.1/3.2 Substances/Mixtures

Description

wässrige Lösung, enthält Silikonemulsion / aqueous solution containing silicone emulsion



Hazardous ingredients

Sodium dodecylbenzene sulfonate CAS 25155-30-0 Xn; R22; Xi; R37/38; Xi; R41; N; R51 Acute Tox. 4, H302 / Skin Irrit. 2, H315 / Eye Dam. 1, H318 / STOT SE 3, H335	>0,1 - <0,5 %
Benzisothiazolinone CAS 2634-33-5 EC 220-120-9 INDEX 613-088-00-6 Xn; R22; Xi; R38; Xi; R41; R43; N; R50 Acute Tox. 4, H302 / Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Eye Dam. 1, H318 / Aquatic Acute 1, H400	>0,01 - <0,05 %
L-Arginine CAS 74-79-1 EC 200-811-1 Xi; R36 Eye Irrit. 2, H319	>0,1 - <0,5 %
Parfüm R43; N; R51/53 Skin Sens. 1, H317 / Aquatic Chronic 2, H411	>0,1 - <0,2 %

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

in case of allergic symptoms especially in the breathing area, seek medical advice immediately.

Caution if victim vomits: Risk of aspiration!

In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

Following inhalation

In case of irritation of the respiratory tract seek medical advice. Provide fresh air.

Following skin contact

In case of skin irritation, seek medical treatment.

After eye contact

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

After ingestion

Rinse mouth immediately and drink large quantities of water.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

Additional information

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

5.1 Extinguishing media

Suitable extinguishing media

Atomized water. Foam. Dry extinguishing powder. Extinguishing powder. ABC powder.



5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide. Carbon dioxide (CO₂). Silicon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters

Use appropriate respiratory protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No data available

6.2 Environmental precautions

Cover drains. Use a water spray jet to knock down vapours/gases/mists. Do not empty into drains or the aquatic environment. Retain contaminated washing water and dispose.

6.3 Methods and material for containment and cleaning up

No data available

6.4 Reference to other sections

No data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

After drying, the sediment is:

Combustible.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Suitable material for Container:

Aluminium. Polyethylene. polytetrafluoroethylene (PTFE).

Further information on storage conditions

Keep locked up and out of the reach of children.

Do not store at temperatures over:

Do not store at temperatures under:

7.3 Specific end use(s)

Recommendation

Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

liquid:



... das wirkt!

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

5 Star Detangler

Print date

21.11.2017

Revision date

23.04.2015

Version

1.1

Colour

white

Odour

characteristic

		parameter	Method - source - remark
pH	>5,5 - <7	Temperature =20 °C	
Melting point/freezing point			not determined
Initial boiling point and boiling range			not determined
Flash point (°C)			not determined
Evaporation rate			not determined
flammability			not determined
Upper explosion limit			not determined
lower explosion limit			not determined
Vapour pressure			not determined
Vapour density			not determined
Density	>0,99 - <1,05 g/cm ³	Temperature =20 °C	
Fat solubility (g/L)			not determined
Water solubility (g/L)			not determined
Soluble (g/L) in			not determined
Partition coefficient: n-octanol/water			not determined
Auto-ignition temperature			not determined
Decomposition temperature			not determined

9.2 Other safety information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.



Additional information

Decomposition possible after prolonged exposure to light.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No information available.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

No data available

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN-No.	not applicable	not applicable	not applicable
14.2 Proper Shipping Name			
14.3 Class(es)			
14.4 Packing group			
14.5 ENVIRONMENTALLY HAZARDOUS			
14.6 Special precautions for user			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			

Additional information

All transport carriers

Not a hazardous material with respect to transportation regulations.

SECTION 15: Regulatory information

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

No data available



15.2 Chemical Safety Assessment

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

SECTION 16: Other information

Key literature references and sources for data

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.