

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

1.1 Product identifier

Trade name/designation Mähnenliquid - No Rub

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.

Product categories [PC]

PC15 Non-metal-surface treatment products

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: 06441 9659-0

Telefax: 06441 965962

E-mail: info@leovet.de

Dept. responsible for information: Labor/Entwicklung

Information telephone: 06441 965927

1.4 Emergency telephone number

This number is serviced during office hours.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

health hazards

Eye Irrit. 2

hazard statements for health hazards

H319 Causes serious eye irritation.

Classification procedure

Calculation method.

2.2 Label elements

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

Hazard pictograms



GHS07

GHS02

Signal word

Warning

Hazard statements

Hazard statements for physical hazards:

H226 Flammable liquid and vapour.



hazard statements for health hazards

H319 Causes serious eye irritation.

Precautionary statements

General:

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

P102 Keep out of reach of children.

Labelling (67/548/EEC or 1999/45/EC)

R phrases

R67 Vapours may cause drowsiness and dizziness.

2.3 Other hazards

No data available

SECTION 3: Composition / information on ingredients

3.1/3.2 Substances/Mixtures

Hazardous ingredients

propan-2-ol	>15 - <20 %
CAS 67-63-0	
EC 200-661-7	
INDEX 603-117-00-0	
F R11; Xi R36; R67	
Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336	

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

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

Following inhalation

Move affected person into fresh air, keep warm and allow to rest. In case of inhaling spray mists, consult a doctor immediately and show him box or label.

Following skin contact

After contact with skin, wash immediately with:

Water.

After eye contact

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

If swallowed, immediately drink:

Water, to which activated charcoal may be added

Magnesia milk.

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

Use water spray/stream to protect personnel and to cool endangered containers.



5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam. Extinguishing powder. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Can be released in case of fire:

Carbon monoxide.

5.3 Advice for firefighters

Special protective equipment for firefighters

Wear full chemical protective clothing. In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Personal precautions

Use appropriate respiratory protection. Remove all sources of ignition. Provide adequate ventilation.

6.2 Environmental precautions

Do not empty into drains or the aquatic environment.

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

Product is:

Oxidizing.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Ensure adequate ventilation of the storage area.

Further information on storage conditions

Keep locked up and out of the reach of children.

storage temperature >0 - <40 °C

7.3 Specific end use(s)

No data available

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

Colour

transparent

brown

Odour

characteristic

		parameter	Method - source - remark
pH	>3,9 - <4,4	Temperature =20 °C	
Melting point/freezing point			not determined
Initial boiling point and boiling range			not determined
Flash point (°C)	=28 °C		DIN EN 22719 (10/2003: replaced by DIN EN ISO 2719)
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	=0,97 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

Ignition hazard.

In case of warming:

Ignition hazard.

10.5 Incompatible materials

Materials to avoid

Reacts with :

Alkali metals.

10.6 Hazardous decomposition products

No information available.

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

Appropriate disposal / Product

Waste disposal according to official state regulations.

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN-No.	1993	1993	1993
14.2 Proper Shipping Name	FLAMMABLE LIQUID, N.O.S. FLAMMABLE LIQUID, N.O.S. Flammable liquid, n.o.s.		
14.3 Class(es)	3	3	3
14.4 Packing group	III	III	III
14.5 ENVIRONMENTALLY HAZARDOUS	No	No	No
14.6 Special precautions for user	not applicable	not applicable	not applicable



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

Mähnenliquid - No Rub

Print date 23.05.2017

Revision date 22.05.2017

Version 1.4

Land transport (ADR/RID)

Sea transport (IMDG)

Air transport (ICAO-TI / IATA-DGR)

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

not applicable

not applicable

Additional information - Land transport (ADR/RID)

Hazard label(s) 3
Limited quantity (LQ) 5 L
Hazard identification number (Kemler No.) 30
tunnel restriction code D/E
transport category 3

remark

UN1993 FLAMMABLE LIQUID, N.O.S. (contains Propan-2-ol (Isopropanol))

Additional information - Air transport (ICAO-TI / IATA-DGR)

Limited quantity (LQ) 10

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

Irritant

SECTION 16: Other information

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

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

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.