

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

### 1.1 Product identifier

Trade name/designation Mähnenliquid/ No Rub

Unique Formula Identifier FJAM-JCXX-4003-2E17 (UFI-Code)

### 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.

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

#### Manufacturer

leovet Dr. Jacoby GmbH & Co.KG

Beim Eberacker 1

Deutschland-35633 Lahnau

Telephone: +496441 9659-0

Telefax: +496441 965962

E-mail: labor@leovet.de

Department responsible for information: Labor/Entwicklung

Information telephone: +496441 965927

### 1.4 Emergency telephone number

This number is serviced during office hours.

+49 (0) 6441 965927 (Mon-Fri 8:00-16:00 h)

## 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.

##### Physical hazards

Flam. Liq. 3

##### hazard statements for physical hazards

H226 Flammable liquid and vapour.

##### Classification procedure

On basis of test data.

### 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.

### Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### Disposal:

P501 Inhalt/Behälter der Entsorgung gemäß den örtlichen Vorschriften zuführen.

## 2.3 Other hazards

No data available

## SECTION 3: Composition / information on ingredients

### 3.1 Substances (not applicable)

### 3.2 Mixtures

#### Hazardous ingredients

propan-2-ol

>15 - <20 %

CAS 67-63-0

EC 200-661-7

INDEX 603-117-00-0

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.

#### Following 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

Value >0 - <40 °C

#### 7.3 Specific end use(s)

No data available



... das wirkt!

## 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
	Melting point/freezing point	not determined
	Boiling point or initial boiling point and boiling range	not determined
	flammability	not determined
	Upper explosion limit	not determined
	lower explosion limit	not determined
	Flash point (°C)	=28 °C DIN EN 22719 (10/2003: replaced by DIN EN ISO 2719)
	Auto-ignition temperature	not determined
	Decomposition temperature	not determined
	pH	>3,9 - <4,4 Temperature =20 °C
	Kinematic viscosity	not determined
	Water solubility	not determined
	Soluble (g/L) in	not determined
	Fat solubility	not determined
	Partition coefficient: n-octanol/water	not determined
	Vapour pressure	not determined
	Density and/or relative density	=0,97 g/cm <sup>3</sup> Temperature =20 °C
	Relative vapour density	not determined
	particle characteristics	not determined



## 9.2 Other 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

Reacts with :

Alkali metals.

### 10.6 Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

### Additional information

none

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

#### Toxicokinetics, metabolism and distribution

##### Human toxicological data

not determined

##### Non-human toxicological data

###### remark

not determined

#### Acute toxicity

##### Other information

not determined

#### Respiratory or skin sensitisation

##### Other information

none

#### Sensitisation to the respiratory tract

##### Assessment/classification

not determined

#### Skin sensitisation

##### remark

not determined

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

##### Germ cell mutagenicity

##### Assessment/classification

none



---

### Human toxicological data

**Result**

not determined

### In vitro mutagenicity/genotoxicity

**Result / evaluation**

not determined

### In vivo mutagenicity/genotoxicity

**Result / evaluation**

not determined

### Carcinogenicity

**remark**

estimated

not determined

### Reproductive toxicity

**Assessment/classification**

none

### STOT-single exposure

#### STOT SE 1 and 2

### Other information

not determined

### Dermal specific target organ toxicity (single exposure)

**remark**

not determined

### Inhalative specific target organ toxicity (single exposure)

**remark**

not determined

### Oral specific target organ toxicity (single exposure)

**remark**

not determined

### Repeated dose toxicity (subacute, subchronic, chronic)

#### Subacute oral toxicity

**remark**

not determined

#### Subacute dermal toxicity

**remark**

not determined

#### Subacute inhalation toxicity

**remark**

not determined

#### Subchronic inhalation toxicity

**remark**

not determined

#### Chronic oral toxicity

**remark**

not determined



## 11.2 Information on other hazards

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 Endocrine disrupting properties

No information available.

### 12.7 Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Directive 2008/98/EC (Waste Framework Directive)

#### After intended use

#### 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 number or ID number	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 Environmental hazards	No	No	No
14.6 Special precautions for user	not applicable	not applicable	not applicable
14.7 Maritime transport in bulk according to IMO instruments	not applicable	not applicable	not applicable

### Additional information - Land transport (ADR/RID)

Hazard label(s)	3
Classification code	F1
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**

**Indication of changes**

\* Data changed compared with the previous version

1.3; 1.4; 2.2;16

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

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H225 Highly flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

**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.