

Trade name: Lubricating Gel, 5000ml

Version: 1 / SE

Date revised: 27.06.2024

Substance number:: 10272

Replaces Version: - / SE

Print date: 06.03.2025

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

### **1.1. Product identifier**

Lubricating Gel, 5000ml

#### **Substance / product identification**

PR-No. 1027, 10272

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

#### **Use of the substance/preparation**

Animal care product

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

#### **Address/Manufacturer**

Albert Kerbl GmbH

Felizenzell 9

84428 Buchbach

Telephone no. +49 8086 933-100

Fax no. +49 8086 933-500

Information provided Albert Kerbl GmbH Tel.: 0049-(0)8086-933-302

by / telephone

E-mail address of sdb-team@kerbl.com

person responsible

for this SDS

### **1.4. Emergency telephone number**

Joint poison information center for the states of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia c/o HELIOS Klinikum Erfurt Nordhäuser Strasse 74

Tel.: (03 61) 73 07 30 - Fax: (03 61) 7 30 73 17

E-Mail: ggiz@ggiz-erfurt.de - Internet: www.ggiz-erfurt.de

Giftinformationscentralen - Swedish Poisons Information Centre, 17176 Stockholm

Tel.: +46 (8) 736 03 84

## **SECTION 2: Hazards identification**

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

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

#### **Supplemental information**

EUH210 Safety data sheet available on request.

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### 2.3. Other hazards

None

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## **SECTION 3: Composition/information on ingredients**

### **Hazardous ingredients**

#### **Propan-2-ol**

CAS No. 67-63-0

EINECS no. 200-661-7

Concentration >= 1 < 10 %

Classification (Regulation (EC) No. 1272/2008)

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 persistent symptoms consult doctor.

#### **After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

#### **After skin contact**

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

#### **After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

#### **After ingestion**

Rinse out mouth and give plenty of water to drink. In case of persistent symptoms consult doctor.

#### **Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

#### **Hints for the physician / treatment**

Treat symptomatically

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Foam, Carbon dioxide, Water spray jet, Water mist, ABC powder, BC powder

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**Non suitable extinguishing media**

Full water jet

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

In case of combustion evolution of dangerous gases possible. In the event of fire the following can be released: dense black smoke; Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); Exposure to decomposition products may be hazardous to health. Do not breathe fumes.

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

**Other information**

Cool endangered containers with water spray jet. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Take up with absorbent material (eg sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal. When picked up, treat material as prescribed under Section 13 "Disposal".

**6.4. Reference to other sections**

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Observe the usual precautions for handling chemicals. Avoid contact with skin, eyes and clothing. Follow legal protection and safety regulations. Personal protective equipment: see chapter 8. Do not eat, drink or smoke when using. When handling heated product, vapours must be vacuumed up.

**Advice on protection against fire and explosion**

No special measures required.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Store product in closed containers.

**Hints on storage assembly**

Do not store together with foodstuffs.

**Storage classes**

Storage class according to TRGS 510

10-13

Other combustible and non-combustible

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substances

Further information on storage conditions

Keep container tightly closed and dry.

7.3. Specific end use(s)

Animal care product

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Biological limit values

Propan-2-ol

|                  |                                     |
|------------------|-------------------------------------|
| List             | BGW (TRGS 903)                      |
| Value            | 25 mg/l                             |
| Parameter        | acetone                             |
| Testing material | Whole blood (B)                     |
| Test date        | End of exposure or end of shift (b) |
| Source           | TRGS 903                            |

Propan-2-ol

|                  |                                     |
|------------------|-------------------------------------|
| List             | BGW (TRGS 903)                      |
| Value            | 25 mg/l                             |
| Parameter        | acetone                             |
| Testing material | Urine (U)                           |
| Test date        | End of exposure or end of shift (b) |
| Source           | TRGS 903                            |

Other information

Contains no substances with occupational exposure limit values.

Derived No/Minimal Effect Levels (DNEL/DMEL)

Propan-2-ol

|                      |                                |
|----------------------|--------------------------------|
| Type of value        | Derived No Effect Level (DNEL) |
| Reference group      | Professional                   |
| Duration of exposure | Repeated exposure              |
| Route of exposure    | inhalative                     |
| Mode of action       | Systemic effects               |
| Concentration        | 500 mg/m³                      |

|                      |                                |
|----------------------|--------------------------------|
| Type of value        | Derived No Effect Level (DNEL) |
| Reference group      | Professional                   |
| Duration of exposure | Repeated exposure              |
| Route of exposure    | dermal                         |
| Mode of action       | Systemic effects               |
| Concentration        | 888 mg/kg/d                    |

|                      |                                |
|----------------------|--------------------------------|
| Type of value        | Derived No Effect Level (DNEL) |
| Reference group      | Consumer                       |
| Duration of exposure | Repeated exposure              |
| Route of exposure    | dermal                         |
| Mode of action       | Systemic effects               |

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|               |     |         |
|---------------|-----|---------|
| Concentration | 319 | mg/kg/d |
|---------------|-----|---------|

|                      |                                |         |
|----------------------|--------------------------------|---------|
| Type of value        | Derived No Effect Level (DNEL) |         |
| Reference group      | Consumer                       |         |
| Duration of exposure | Repeated exposure              |         |
| Route of exposure    | inhalative                     |         |
| Mode of action       | Systemic effects               |         |
| Concentration        | 26                             | mg/kg/d |

|                      |                                |                   |
|----------------------|--------------------------------|-------------------|
| Type of value        | Derived No Effect Level (DNEL) |                   |
| Reference group      | Consumer                       |                   |
| Duration of exposure | Repeated exposure              |                   |
| Route of exposure    | inhalative                     |                   |
| Mode of action       | Systemic effects               |                   |
| Concentration        | 89                             | mg/m <sup>3</sup> |

### Predicted No Effect Concentration (PNEC)

#### Propan-2-ol

|               |                              |      |
|---------------|------------------------------|------|
| Type of value | PNEC                         |      |
| Type          | Water (intermittent release) |      |
| Concentration | 140,9                        | mg/l |

|               |           |      |
|---------------|-----------|------|
| Type of value | PNEC      |      |
| Type          | Saltwater |      |
| Concentration | 140,9     | mg/l |

|               |            |      |
|---------------|------------|------|
| Type of value | PNEC       |      |
| Type          | Freshwater |      |
| Concentration | 140,9      | mg/l |

|               |      |         |
|---------------|------|---------|
| Type of value | PNEC |         |
| Type          | Soil |         |
| Concentration | 28   | mg/kg/d |

## 8.2. Exposure controls

### General protective and hygiene measures

Observe the usual precautions for handling chemicals.

### Respiratory protection

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

### Hand protection

Gloves

Appropriate Material nitrile

Hand protection must comply with EN 374.

The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the

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resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

### Eye protection

Safety glasses; Eye protection must comply with EN 166.

### Body protection

Normally not required.

## **SECTION 9: Physical and chemical properties**

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

**Physical state** liquid

**Physical state** Gel

**Colour** transparent

**Odour** characteristic

### **Melting point**

Remarks not determined

### **Freezing point**

Remarks not determined

### **Boiling point or initial boiling point and boiling range**

Remarks not determined

### **Flammability**

not determined

### **Upper and lower explosive limits**

Remarks not determined

### **Flash point**

Remarks Not applicable

### **Auto-ignition temperature**

Remarks not determined

### **Decomposition temperature**

Remarks not determined

### **pH value**

Value 6,8 to 7,8

Temperature 20 °C

Source Manufacturer's data

### **Viscosity**

Remarks not determined

### **Solubility(ies)**

Remarks not determined

### **Partition coefficient n-octanol/water (log value)**

Remarks not determined

### **Vapour pressure**

Remarks not determined

### **Density and/or relative density**

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|             |     |    |     |                   |
|-------------|-----|----|-----|-------------------|
| Value       | 0,9 | to | 1,1 | g/cm <sup>3</sup> |
| Temperature | 20  | °C |     |                   |

**Relative vapour density**

|         |                |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

**9.2. Other information****Odour threshold**

|         |                |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

**Evaporation rate (ether = 1) :**

|         |                |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

**Solubility in water**

|         |                |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

**Explosive properties**

|            |                |
|------------|----------------|
| evaluation | not determined |
|------------|----------------|

**Oxidising properties**

|         |                |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

**Other information**

|            |
|------------|
| None known |
|------------|

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

Hazardous decomposition products should not be formed under normal storage and use conditions.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

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

**Acute oral toxicity (Components)****Propan-2-ol**

|         |                    |       |
|---------|--------------------|-------|
| Species | Rats (male/female) |       |
| LD50    | 5840               | mg/kg |

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**Acute dermal toxicity**

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

**Acute dermal toxicity (Components)****Propan-2-ol**

|         |        |       |
|---------|--------|-------|
| Species | rabbit |       |
| LD50    | 12800  | mg/kg |

**Acute inhalational toxicity**

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

**Acute inhalative toxicity (Components)****Propan-2-ol**

|                      |                    |        |
|----------------------|--------------------|--------|
| Species              | Rats (male/female) |        |
| LC50                 | > 10000            | ppm(V) |
| Duration of exposure | 6                  | h      |

**Skin corrosion/irritation**

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

**Serious eye damage/irritation**

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

**Serious eye damage/irritation (Components)****Propan-2-ol**

|            |          |
|------------|----------|
| evaluation | irritant |
| Source     | ECHA     |

**Sensitization**

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

**Subacute, subchronic, chronic toxicity**

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

**Mutagenicity**

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

**Reproductive toxicity**

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

**Carcinogenicity**

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

**Specific Target Organ Toxicity (STOT)****Single exposure**

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

**Repeated exposure**

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

**Specific Target Organ Toxicity (STOT) (Components)****propan-2-ol**

Remarks May cause drowsiness and dizziness.

**Aspiration hazard**

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



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## 11.2. Information on other hazards

### Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

### Other information

There is no data available on the product apart from the information given in this subsection.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### General information

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

#### Fish toxicity (Components)

##### Propan-2-ol

|                      |       |   |      |
|----------------------|-------|---|------|
| Species              | Fish  |   |      |
| LC50                 | 10000 |   | mg/l |
| Duration of exposure | 96    | h |      |

#### Daphnia toxicity (Components)

##### Propan-2-ol

|                      |               |   |      |
|----------------------|---------------|---|------|
| Species              | Daphnia pulex |   |      |
| LC50                 | > 10000       |   | mg/l |
| Duration of exposure | 24            | h |      |

### 12.2. Persistence and degradability

#### General information

not determined

#### Biodegradability (Components)

##### Propan-2-ol

|                  |               |   |   |
|------------------|---------------|---|---|
| Value            | 53            |   | % |
| Duration of test | 5             | d |   |
| Method           | EU Method C.5 |   |   |

### 12.3. Bioaccumulative potential

#### General information

not determined

#### Partition coefficient n-octanol/water (log value)

Remarks not determined

#### Octanol/water partition coefficient (log Pow) (Components)

##### propan-2-ol

|             |      |    |  |
|-------------|------|----|--|
| log Pow     | 0,05 |    |  |
| Temperature | 25   | °C |  |

### 12.4. Mobility in soil

#### General information

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not determined

### 12.5. Results of PBT and vPvB assessment

#### General information

not determined

#### Results of PBT and vPvB assessment

The product contains no PBT substances

The product contains no vPvB substances.

### 12.6 Endocrine disrupting properties

#### Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

### 12.7. Other adverse effects

#### General information

not determined

#### General information / ecology

Do not discharge product unmonitored into the environment.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

Dispose of waste according to applicable legislation.

The waste key number should be determined in consultation with the consumer, the manufacturer and the disposal company. Also observe local official regulations.

#### Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

## **SECTION 14: Transport information**

|                                  | Land transport ADR/RID   | Marine transport IMDG/GGVSee  | Air transport ICAO/IATA   |
|----------------------------------|--|---|---|
| 14.1. UN number or ID number     | The product does not constitute a hazardous substance in land transport. | The product does not constitute a hazardous substance in sea transport. | The product does not constitute a hazardous substance in air transport. |
| 14.2. UN proper shipping name    | -  | -   | -   |
| 14.3. Transport hazard class(es) | -  | -   | -   |
| Label                            |  |   |   |
| 14.4. Packing group              | -  | -   | -   |

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**14.5. Environmental hazards**

-

**Information for all modes of transport****14.6. Special precautions for user**

See Sections 6 to 8

**Other information****14.7. Maritime transport in bulk according to IMO instruments**

not determined

**SECTION 15: Regulatory information****15.2. Chemical safety assessment**

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

**SECTION 16: Other information****Hazard statements listed in Chapter 3**

|      |                                     |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H319 | Causes serious eye irritation.      |
| H336 | May cause drowsiness or dizziness.  |

**CLP categories listed in Chapter 3**

|              |  |
|--------------|--|
| Eye Irrit. 2 | Eye irritation, Category 2                                   |
| Flam. Liq. 2 | Flammable liquid, Category 2                                 |
| STOT SE 3    | Specific target organ toxicity - single exposure, Category 3 |

**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.