

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 07.06.2021

Version number 2

Revision: 07.06.2021

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

#### 1.1 Product identifier

Trade name: **Exolium Hoofgel**

Article number: 130801011

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

For disinfection and prevention of infectious animal diseases

Sector of Use professional use

Application of the substance / the mixture For disinfection and prevention of infectious animal diseases

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

##### Manufacturer/Supplier:

Kanters Special Products BV

De Stater 32

NL-5737 RV LIESHOUT

THE NETHERLANDS

Tel.: +31 (0) 499 425 600

E-mail: info@kanters.nl

Further information obtainable from: Product safety department.

#### 1.4 Emergency telephone number:

+31 (0)499 425 600

In case of an emergency:

National Poison Information Centre.

Tel.: +31 (0)30 274 88 88.

(Restricted to inform professionals in case of acute poisoning.)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



corrosion

Eye Dam. 1      H318 Causes serious eye damage.



Skin Irrit. 2      H315 Causes skin irritation.

Skin Sens. 1      H317 May cause an allergic skin reaction.

Aquatic Chronic 3      H412 Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

##### Hazard pictograms



GHS05      GHS07

Signal word **Danger**

##### Hazard-determining components of labelling:

Reaction mass of 3,6,9-triazaundecamethylenediamine and copper sulphate

L-Lactic acid (2-hydroxy propionic acid)

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Reaction mass of 2,2'-iminodi(ethylamine) and copper sulphate

Reaction mass of copper sulphate and trientine

Tea tree olie

**Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards****Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**3.2 Chemical characterisation: Mixtures**· **Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

|                                    |  |       |
|------------------------------------|--|-------|
| CAS: 137-40-6<br>EINECS: 205-290-4 | Natriumpropionaat<br>⚠ Eye Irrit. 2, H319  | ≤2.5% |
| EC number: 907-262-3               | Reaction mass of 3,6,9-triazaundecamethylenediamine and copper sulphate<br>⚠ Acute Tox. 3, H301; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317 | ≤2.5% |
| CAS: 79-33-4<br>EINECS: 201-196-2  | L-Lactic acid (2-hydroxy propionic acid)<br>⚠ Skin Corr. 1A, H314; Eye Dam. 1, H318  | ≤2.5% |
| EC number: 906-875-3               | Reaction mass of 2,2'-iminodi(ethylamine) and copper sulphate<br>⚠ Acute Tox. 3, H301; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317            | ≤2.5% |
| EC number: 907-126-3               | Reaction mass of copper sulphate and trientine<br>⚠ Acute Tox. 3, H301; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317                          | ≤2.5% |
|                                    | Tea tree olie<br>⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317                 | ≤2.5% |

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**4.1 Description of first aid measures**· **General information:** Immediately remove any clothing soiled by the product.**After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

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- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Seek immediate medical advice.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### \* SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture**  
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### \* SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralising agent.  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### \* SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

### \* SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:**  
Provide adequate ventilation  
Eyewash station
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
 Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the skin.  
 Avoid contact with the eyes and skin.
- **Respiratory protection:**  
 Not necessary if room is well-ventilated.  
 Use suitable respiratory protective device when high concentrations are present.  
 filter A1 EN 14387  
 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**



Protective gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**  
 Nitrile rubber, NBR  
 Chloroprene rubber, CR  
 Butyl rubber, BR  
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
 Breakthrough time > 8 hrs  
 The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

- **Body protection:**  
 Protective work clothing  
 Body protection is required depending on the activity and possible exposure be chosen, e.g. apron, protective boots, chemical protection suit (according to EN14605 in case of splashes).
- **Limitation and supervision of exposure into the environment**  
 Harmful for the environment, prevent spread.

## \* SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

|         |                |
|---------|----------------|
| Form:   | Gel            |
| Colour: | Blue           |
| Odour:  | Characteristic |

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|  |   |
|--|---|
| · <b>Odour threshold:</b>  | Not determined.                               |
| · <b>pH-value at 20 °C:</b>  | 5   |
| · <b>Change in condition</b><br><b>Melting point/freezing point:</b> | Undetermined.                                 |
| <b>Initial boiling point and boiling range:</b>                      | 100 °C  |
| · <b>Flash point:</b>  | Not applicable.                               |
| · <b>Flammability (solid, gas):</b>                                  | Not applicable.                               |
| · <b>Decomposition temperature:</b>                                  | Not determined.                               |
| · <b>Auto-ignition temperature:</b>                                  | Product is not selfigniting.                  |
| · <b>Explosive properties:</b>                                       | Product does not present an explosion hazard. |
| · <b>Explosion limits:</b>   |   |
| <b>Lower:</b>  | Not determined.                               |
| <b>Upper:</b>  | Not determined.                               |
| · <b>Vapour pressure at 20 °C:</b>                                   | 23 hPa  |
| · <b>Density at 20 °C:</b>   | 1.16 g/cm <sup>3</sup>                        |
| · <b>Relative density</b>  | Not determined.                               |
| · <b>Vapour density</b>  | Not determined.                               |
| · <b>Evaporation rate</b>  | Not determined.                               |
| · <b>Solubility in / Miscibility with water:</b>                     | Fully miscible.                               |
| · <b>Partition coefficient: n-octanol/water:</b>                     | Not determined.                               |
| · <b>Viscosity:</b>  |   |
| <b>Dynamic:</b>  | Not determined.                               |
| <b>Kinematic:</b>  | Not determined.                               |
| · <b>Solvent content:</b>  |   |
| <b>Organic solvents:</b>   | 0.6 %   |
| <b>Water:</b>  | 43.2 %  |
| <b>Solids content:</b>   | 2.7 %   |
| · <b>9.2 Other information</b>                                       | No further relevant information available.    |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** Stabil under normal conditions.
- **10.2 Chemical stability** Stabil under normal conditions.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Causes skin irritation.

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- **Serious eye damage/irritation**  
Causes serious eye damage.
- **Respiratory or skin sensitisation**  
May cause an allergic skin reaction.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### \* SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**  
Not hazardous for water.  
Must not reach sewage water or drainage ditch undiluted or unneutralised.  
Harmful to aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### \* SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |   |      |
|---|------|
| <ul style="list-style-type: none"> <li>· <b>14.1 UN-Number</b></li> <li>· <b>ADR, ADN, IMDG, IATA</b></li> </ul>  | Void |
| <ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>ADR, ADN, IMDG, IATA</b></li> </ul>                            | Void |
| <ul style="list-style-type: none"> <li>· <b>14.3 Transport hazard class(es)</b></li> <li>· <b>ADR, ADN, IMDG, IATA</b></li> <li>· <b>Class</b></li> </ul> | Void |
| <ul style="list-style-type: none"> <li>· <b>14.4 Packing group</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>   | Void |

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|  |                 |
|--|-----------------|
| · <b>14.5 Environmental hazards:</b>   | Not applicable. |
| · <b>14.6 Special precautions for user</b>                                       | Not applicable. |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>  | Void            |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H226 Flammable liquid and vapour.  
H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H411 Toxic to aquatic life with long lasting effects.

- **Department issuing SDS:** Product safety department.

- **Contact:** Mr. B van de Molengraaf

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 3: Flammable liquids – Category 3  
Acute Tox. 3: Acute toxicity – Category 3  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1: Skin sensitisation – Category 1  
Skin Sens. 1B: Skin sensitisation – Category 1B  
Asp. Tox. 1: Aspiration hazard – Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

- **\* Data compared to the previous version altered.**