

# LuxSpray 50 Vet

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 31/07/2018

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Version: 2.7

SDS No: 11194-00591

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : LuxSpray 50 Vet

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Veterinary medicinal product

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

GEA Farm Technologies GmbH

Siemensstraße 25-27

59199 Bönen - Germany

T + 49 (0) 23839370

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

##### Distributor

GEA Farm Technologies (UK) Ltd.

Wylle Works, Watery Lane, Bishopstrow,

Warminster, Wiltshire BA12 9Ht - United Kingdom

T + 44 (0)1985 216444

#### 1.4. Emergency telephone number

Emergency number : 24 Hour Emergency Telephone No. for advice on chemical emergencies, spillages, fires or  
First Aid: +44 (0) 870 1906777 (GEA Farm Technologies)  
NATIONAL: In England and Wales: 111, In Scotland: 111  
INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)

### SECTION 2: Hazards identification

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

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

Not classified

##### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Label elements

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

No labelling applicable

#### 2.3. Other hazards

PBT : Not applicable.  
vPvB : Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Comments : Aqueous solution

| Name   | Product identifier   | %    | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|------|---|
| glycerine<br>substance with national workplace exposure limit(s)<br>(GB) | (CAS-No.) 56-81-5<br>(EC-No.) 200-289-5<br>(REACH-no) 01-2119471987-18 | < 15 | Not classified  |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Take off contaminated clothes. If you feel unwell, seek medical advice.

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|                                       |   |
|---------------------------------------|---|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.  |
| First-aid measures after skin contact | : Wash skin with plenty of water.   |
| First-aid measures after eye contact  | : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.   |
| First-aid measures after ingestion    | : Do not give an unconscious person anything to drink. Rinse mouth. Drink plenty of water. Call a poison center or a doctor if you feel unwell. |

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

|                  |   |
|------------------|---|
| Symptoms/effects | : Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance. Due to the low pH value the possibility of irritations in contact with skin, eyes or mucous membranes can not be excluded. If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known. |
|------------------|---|

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Use extinguishing media appropriate for surrounding fire. Product itself does not burn. Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : high volume water jet.   |

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

|  |   |
|--|---|
| Hazardous decomposition products in case of fire | : Corrosive vapours. release of harmful/irritant gases/vapours. |
|--|---|

### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
| Other information              | : Do not allow run-off from fire fighting to enter drains or water courses.  |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

|                      |  |
|----------------------|--|
| Emergency procedures | : Ventilate spillage area. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. |
|----------------------|--|

#### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |   |
|-------------------------|---|
| Methods for cleaning up | : Take up liquid spill into absorbent material.                 |
| Other information       | : Dispose of materials or solid residues at an authorized site. |

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |  |
|-------------------------------|--|
| Precautions for safe handling | : Ensure good ventilation of the work station. Wear personal protective equipment. Do not breathe mist. Keep container tightly closed. Avoid contact with skin, eyes and clothing. |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.  |

### 7.2. Conditions for safe storage, including any incompatibilities

|                              |   |
|------------------------------|---|
| Storage conditions           | : Keep container tightly closed. Store in a well-ventilated place. Keep cool. |
| Incompatible materials       | : Bases.  |
| Information on mixed storage | : Keep away from food, drink and animal feeding stuffs.                       |

### 7.3. Specific end use(s)

See Heading 1.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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### glycerine (56-81-5)

|                |                               |  |
|----------------|-------------------------------|--|
| United Kingdom | Local name                    | Glycerol                               |
| United Kingdom | WEL TWA (mg/m <sup>3</sup> )  | 10 mg/m <sup>3</sup> mist              |
| United Kingdom | WEL STEL (mg/m <sup>3</sup> ) | 30 mg/m <sup>3</sup> (calculated-mist) |
| United Kingdom | Regulatory reference          | EH40. HSE                              |

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

| Type                                   | Material       | Permeation        | Thickness (mm) | Penetration | Standard |
|--|----------------|-------------------|----------------|-------------|----------|
| Chemically resistant protective gloves | Natural rubber | 5 (> 240 minutes) | 0,6            |             |          |

#### Eye protection:

Eyewash bottle with clean water. Safety glasses

| Type           | Use                       | Characteristics   | Standard |
|----------------|---------------------------|-------------------|----------|
| Safety goggles | Liquid splashes may occur | With side shields | EN 166   |

#### Skin and body protection:

Long sleeved protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. No personal breathing protective equipment is normally required

#### Personal protective equipment symbol(s):



#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

## SECTION 9: Physical and chemical properties

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

|  |                                   |
|--|-----------------------------------|
| Physical state                             | : Liquid                          |
| Colour                                     | : brown                           |
| Odour                                      | : Slightly like iodine            |
| Odour threshold                            | : No data available               |
| pH   | : 2.1 - 2.6                       |
| Relative evaporation rate (butylacetate=1) | : No data available               |
| Melting point                              | : No data available               |
| Freezing point                             | : No data available               |
| Boiling point                              | : No data available               |
| Flash point                                | : No data available               |
| Auto-ignition temperature                  | : No data available               |
| Decomposition temperature                  | : No data available               |
| Flammability (solid, gas)                  | : Not applicable                  |
| Vapour pressure                            | : No data available               |
| Relative vapour density at 20 °C           | : No data available               |
| Relative density                           | : No data available               |
| Density                                    | : 1.025 - 1.035 g/cm <sup>3</sup> |

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|                      |                              |
|----------------------|------------------------------|
| Solubility           | : Water: completely miscible |
| Log Pow              | : No data available          |
| Viscosity, kinematic | : No data available          |
| Viscosity, dynamic   | : No data available          |
| Explosive properties | : No data available          |
| Oxidising properties | : No data available          |
| Explosive limits     | : No data available          |

### 9.2. Other information

|             |       |
|-------------|-------|
| VOC content | : 0 % |
|-------------|-------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Exothermic reaction on contact with : Bases.

### 10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

### 10.5. Incompatible materials

Bases.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### glycerine (56-81-5)

|   |  |
|---|--|
| LD50 oral rat                             | 12600 mg/kg                                  |
| LD50 oral                                 | 25000 mg/kg bodyweight                       |
| LD50 dermal rabbit                        | > 10 g/kg                                    |
| LD50 dermal                               | > 18700 mg/kg bodyweight                     |
| LC50 inhalation rat (mg/l)                | > 570 mg/m <sup>3</sup> (Exposure time: 1 h) |
| LC50 inhalation rat (Dust/Mist - mg/l/4h) | 50100 mg/l                                   |

|   |   |
|---|---|
| Skin corrosion/irritation                           | : Not classified<br>pH: 2.1 - 2.6   |
| Serious eye damage/irritation                       | : Not classified<br>pH: 2.1 - 2.6   |
| Respiratory or skin sensitisation                   | : Not classified  |
| Germ cell mutagenicity                              | : Not classified  |
| Carcinogenicity                                     | : Not classified  |
| Reproductive toxicity                               | : Not classified  |
| STOT-single exposure                                | : Not classified  |
| STOT-repeated exposure                              | : Not classified  |
| Aspiration hazard                                   | : Not classified  |
| Potential adverse human health effects and symptoms | : Due to the low pH value the possibility of irritations in contact with skin, eyes or mucous membranes can not be excluded. Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance. If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known. |

## SECTION 12: Ecological information

### 12.1. Toxicity

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|                          |   |
|--------------------------|---|
| Ecology - general        | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Acute aquatic toxicity   | : Not classified  |
| Chronic aquatic toxicity | : Not classified  |

|                                |  |
|--------------------------------|--|
| <b>glycerine (56-81-5)</b>     |  |
| LC50 fish 1                    | 51 - 57 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| EC50 other aquatic organisms 1 | > 10000 mg/l waterflea   |
| EC50 other aquatic organisms 2 | > 10000 mg/l   |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

|                            |                      |
|----------------------------|----------------------|
| <b>glycerine (56-81-5)</b> |                      |
| BCF fish 1                 | (no bioaccumulation) |
| Log Pow                    | -1.76                |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|  |   |
|--|---|
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.   |
| Product/Packaging disposal recommendations | : Do not dispose of with domestic waste. Do not re-use empty containers without proper cleaning or reconditioning. When not empty dispose of this container at hazardous or special waste collection point. |
| Additional information                     | : Recommended cleaning agent: Water with detergents.  |
| European List of Waste (LoW) code          | : 02 01 08* - agrochemical waste containing dangerous substances  |

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

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### Air transport

Not applicable

### Inland waterway transport

Not applicable

### Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content

: 0 %

Seveso Additional information

: Not subject to the Seveso III Directive

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes:

All chapters have been modified since the previous version.

### Abbreviations and acronyms:

|              |   |
|--------------|---|
| ADR          | European Agreement concerning the International Carriage of Dangerous Goods by Road                 |
| ADN          | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways     |
| IATA         | International Air Transport Association   |
| IMDG         | International Maritime Dangerous Goods  |
| RID          | Regulations concerning the International Carriage of Dangerous Goods by Rail                        |
| DOT          | Department of Transport   |
| TDG          | Transportation of Dangerous Goods   |
| REACH        | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006   |
| GHS          | Globally Harmonized System of Classification, Labelling and Packaging of Chemicals                  |
| IARC         | International Agency for Research on Cancer   |
| vPvB         | Very Persistent and Very Bioaccumulative  |
| PBT          | Persistent Bioaccumulative Toxic  |
| PNEC         | Predicted No-Effect Concentration   |
| CAS          | CAS (Chemical Abstracts Service) number   |
| IBC-Code     | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| ATE          | Acute Toxicity Estimate   |
| CLP          | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                         |
| BCF          | Bioconcentration factor   |
| MARPOL 73/78 | MARPOL 73/78: International Convention for the Prevention of Pollution From Ships                   |
| LC50         | Median lethal concentration   |
| LD50         | Median lethal dose  |

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|                   |   |
|-------------------|---|
| Data sources      | : Raw material supplier's SDS. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.  |
| Other information | : Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations. |

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*