

Material Safety Data Sheet**Aqupharm 1 (9 mg/ml) Solution for Injection/Infusion****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING****1.1 Product identification**

| | |
|------------------|---|
| Product name(s): | Aqupharm 1 (9 mg/ml) Solution for Injection/Infusion |
| Product code(s): | XVD600 (100 ml) XVD601 (250 ml) XVD587 (500 ml) XVD588 (1000 ml) XVD712 (3000 ml) XVD713 (5000 ml) |

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

| | |
|-----------------------------------|---|
| Relevant identified uses: | Veterinary medicinal product |
| Uses advised against: | Not for human use. Refer to the product information leaflet |
| Reasons why uses advised against: | Refer to the product information leaflet |

1.3 Details of the supplier of the safety data sheet

| | |
|---------------|---|
| Company name: | Animalcare Limited |
| Address: | 10 Great Northway York Business Park Nether Poppleton York YO26 6RB United Kingdom |

1.4 Emergency telephone number

| | |
|----------|---------------------|
| Daytime: | +44 (0) 1904 487687 |
|----------|---------------------|

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

| | |
|---|--|
| Classification according to Regulation (EC) 1272/2008 | This is a veterinary medicinal product authorised under the provisions of Directive 2001/82/EC. Classification of this substance/mixture is not required according to point 11 of the preamble in Regulation EC 1272/2008. |
|---|--|

2.2 Label elements

| | |
|--|---|
| Labelling according to Regulation (EC) 1272/2008 | This is a veterinary medicinal product authorised under the provisions of Directive 2001/82/EC. Label elements for this substance/mixture is not required according to point 11 of the preamble in Regulation EC 1272/2008. |
| Hazard pictograms: | Not applicable |
| Signal word: | Not applicable |
| Hazard statements: | Not applicable |
| Precautionary statements: | Not applicable |
| Supplemental information: | Not applicable |

2.3 Other hazards

| | |
|---|------------|
| Hazard(s) not otherwise classified (HNOC) | None known |
|---|------------|

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

| <i>Substance name in the mixture</i> | <i>CAS No</i> | <i>Quantity</i> |
|--------------------------------------|---------------|-----------------|
| Sodium chloride | [7647-14-5] | 0.9% |
| Water | [7732-18-5] | Proprietary |

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

| | |
|--------------------|--|
| Eyes: | In case of eye contact Rinse with water and maintain the eyelids open. In case of irritation consult with an ophthalmologist |
| Skin: | In case of skin contact Rinse with water |
| Ingestion: | Rinse mouth. Get medical attention if symptoms occur |
| Inhalation: | This route of exposure is unlikely. Get medical attention if symptoms occur |

4.2 Most important symptoms and effects, both acute and delayed

See section 11 for more information on health effects and symptoms

4.3 Indication of any immediate medical attention and special treatment needed

No specific measures identified. Seek medical advice if required

SECTION 5: FIRE- FIGHTING MEASURES

5.1 Extinguishing media

| | |
|--|--|
| Suitable extinguishing media: | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment |
| Unsuitable extinguishing media: | None known |

5.2 Special hazards arising from the substance or mixture

| | |
|--|------------------------------|
| Specific hazards during firefighting: | Not flammable or combustible |
| Hazardous combustion products: | None known |

5.3 Advice for fire-fighters

| | |
|---|--|
| Special protective equipment for firefighters: | Not applicable |
| Further information: | Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations |

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

| | |
|--|---|
| Advice for non-emergency personnel: | Refer to protective measures listed in sections 7 and 8 |
| Advice for emergency responders: | If specialised clothing is required to deal with the spillage, take note of any information in section 8 on suitable and unsuitable materials |

6.2 Environmental precautions

Make sure spills can be contained, e.g. in sump pallets or kerbed areas. Do not allow to enter into surface water of drains. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

- Large spills:** Dike spilled material or otherwise contain material to ensure runoff does not reach a waterway
- Small spills:** Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water

6.4 Reference to other sections

- See Section 1 for emergency contact information
See section 8 for personal protection
See Section 13 for additional waste treatment information

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

- Advice on safe handling:** None advised
Hygiene measures: None advised

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers:** Keep out of reach of children. Keep in the original packaging
- Storage temperature:** Store below 25 °C
- Further information on storage conditions:** Protect from direct incidence of light

7.3 Specific end use(s)

Recommendations: Read the Product Information Leaflet before use

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

The following constituents are the only constituents of the product which have a PEL, TLV, TWA or other recommended exposure limit. At this time, the other constituents have no known exposure limits

| <i>Substance name in the mixture</i> | <i>Type</i> | <i>Value</i> |
|--------------------------------------|-------------|---------------------|
| Sodium chloride | TWA | 5 mg/m ³ |

8.2 Exposure controls

- Engineering measures:** Engineering controls should be used as the primary means to control exposures
- Individual protection measures:**
- Hygiene measures:** No specific measures identified
 - Eye/face protection:** No specific measures identified
 - Skin/body protection:** No specific measures identified
 - Hand protection:** No specific measures identified

Respiratory protection: None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements (89/656/EEC, 89/686/EEC), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

Environmental exposure controls: Consider the provision of containment around storage vessels

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|-----------------------------------|---|
| Appearance | Liquid |
| Colour: | Clear, colourless |
| Odour: | None |
| Odour threshold: | No data available |
| pH: | No data available |
| Density: | No data available |
| Melting point: | No data available |
| Boiling point: | No data available |
| Flash point: | No data available |
| Evaporation rate: | No data available |
| Flammability: | No data available |
| Water solubility: | No data available |
| Partition coefficient: | No data available |
| Auto-ignition temperature: | No data available |
| Thermal decomposition: | No data available |
| Viscosity: | No data available |
| Vapour pressure: | No data available |
| Vapour density: | No data available |
| Explosive properties: | No data available |
| Oxidizing properties: | The substance or mixture is not classified as oxidizing |

9.2 Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under normal conditions of normal use

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

No dangerous reaction known under normal conditions of normal use

10.4 Conditions to avoid

Avoid contact with incompatible materials

10.5 Incompatible materials

None Known

10.6 Hazardous decomposition products

Decomposition products may include the following materials: Carbon oxides nitrogen oxides

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

| | |
|---------------------------------------|--|
| Acute toxicity: | Sodium chloride LD ₅₀ 3000 mg/kg (Rat, oral) Sodium chloride LD ₅₀ 4000 mg/kg (Mouse, oral) Sodium chloride LD ₅₀ >10000 mg/kg (Rabbit, dermal) |
| Chronic toxicity: | No data available |
| Skin irritation/sensitization: | Sodium chloride Rabbit, skin irritation Mild Sodium chloride Rabbit, Eye irritation Mild |
| Reproductive toxicity: | No data available |
| Carcinogenicity: | None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA |
| Mutagenicity: | No data available |

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of in accordance with the European Directives on waste and hazardous waste. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers

SECTION 14: TRANSPORT INFORMATION

Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations

SECTION 15: REGULATORY INFORMATION

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

This product has been authorised under the provisions of Directive 2001/82/EC

15.2 Chemical safety assessment

For this product, a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION

For animal treatment only

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