

Material Safety Data Sheet

Diazedor 5 mg/ml Solution for Injection for Dogs and Cats

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 Product identification

Product name(s): Diazedor 5 mg/ml Solution for Injection for Dogs and Cats
 Product code(s): XVD 022

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:



Signal word:

Warning

Hazard statements:

H226 Flammable liquid and vapour

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical/ventilating/lighting equipment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P501 Dispose of contents / container to hazardous waste disposal

Supplemental information:

Therapeutic use of this substance has resulted in weakness, dizziness, drowsiness, ataxia, confusion, tremors, headache, and gastrointestinal disturbances

2.3 Other hazards

Hazard(s) not otherwise classified (HNOC)

Harmful if swallowed (based on animal data). Use of this drug is habit forming. Addiction may occur. Animal studies have shown a potential to cause adverse effects on the fetus

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

<i>Substance name in the mixture</i>	<i>CAS No</i>	<i>Quantity</i>
Diazepam	[439-14-5]	5 mg
Ethanol 96%	[64-17-5]	<25%
Propylene glycol	[25322-68-3]	Proprietary
Sodium hydroxide	[1310-73-2]	Proprietary
Water	[7732-18-5]	Proprietary

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eyes:	Flush with water while holding eyelids open for at least 15 minutes. Seek medical attention immediately
Skin:	Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek medical attention
Ingestion:	Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately
Inhalation:	Remove to fresh air and keep patient at rest. Seek medical attention immediately

4.2 Most important symptoms and effects, both acute and delayed

For information on potential signs and symptoms of exposure, See Section 2 – Hazards Identification and/or Section 11 - Toxicological Information

4.3 Indication of any immediate medical attention and special treatment needed

See patient package insert in shipping carton for complete information.

SECTION 5: FIRE- FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:	Use carbon dioxide, dry chemical, or water spray
Unsuitable extinguishing media:	Not known

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting:	During fire, gases hazardous to health may be formed. Fine particles (such as dust and mists) may fuel fires/explosions
Hazardous combustion products:	Decomposition products may include the following materials: Carbon oxides (CO _x), nitrogen oxides (NO _x)

5.3 Advice for fire-fighters

Special protective equipment for firefighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire
Further information:	Use standard firefighting procedures and consider the hazards of other involved materials. Fire may produce toxic or corrosive gases. Vapours may ignite. Fine particles (such as mists) may fuel fires/explosions

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel:	Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure
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 or drains. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

Small spills:	Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination
Large spills:	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area 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:	Eliminate possible ignition sources (e.g., heat, sparks, flame, impact, friction, electricity), and follow appropriate grounding and bonding procedures. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use with adequate ventilation
Hygiene measures:	Wash thoroughly after handling

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. Keep container tightly closed
Storage temperature:	Store between 15-30 °C
Further information on storage conditions:	Keep in a dry, cool and well-ventilated place

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, one or more of the constituents have known exposure limits

<i>Substance name in the mixture</i>	<i>Exposure type</i>	<i>Value</i>
Diazepam	TWA	7 ug/m ³
Ethanol	WEL	1920 mg/m ³ , 1000 ppm

8.2 Exposure controls

Engineering measures:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants
Individual protection measures:	
Hygiene measures:	No specific measures identified
Eye/face protection:	If contact is likely, safety glasses with side shields are recommended
Skin/body protection:	Wear suitable protective clothing. Use protective clothing (uniforms, lab coats, disposable coveralls, etc.) in both production and laboratory areas
Hand protection:	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier
Respiratory protection:	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Whenever air contamination (mist, vapor or odor) is generated, respiratory protection is recommended as a precaution to minimize exposure. Chemical respirator with organic vapor cartridge and full facepiece
Environmental exposure controls:	Refer to specific Member State legislation for requirements under Community environmental legislation

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour:	Clear, colourless to greenish-yellow
Odour:	Odourless
Odour threshold:	No data available
pH:	6.2 – 7.0
Density:	1.4018 – 1.438 g/cm ³
Melting point:	No data available
Boiling point:	No data available
Flash point:	33 °C
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

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

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

Contact with incompatible materials. Keep away from heat, sparks, flame and all other sources of ignition. Protect from sunlight

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. Hydrogen fluoride. Carbon oxides. fluorine

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	Diazepam LD ₅₀ 710 ppm (Rat, oral) Diazepam LD ₅₀ 32 mg/kg (Rat, IV)
Chronic toxicity:	No data available
Skin irritation/sensitization:	No data available
Reproductive toxicity:	No data available
Carcinogenicity:	Diazepam IARC group 3
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

14.1 UN number

UN1170

14.2 UN proper shipping name

ADR: 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3 Transport hazard class(es)



Flammable liquid class 3

14.4 Packing group

III

14.5 Environmental hazards

No

14.6 Special precaution for users

Warning: Flammable liquids

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

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of their use

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