

## Section 1 - Identification of The Material and Supplier

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**Chemical nature:** Injection containing Diazepam.  
**Trade Name:** **Diazeway 5mg/mL Injection**  
**APVMA Code:** 89028 / 135601  
**Product Use:** For use as a preanesthetic and anticonvulsant in dogs.  
For use as an anticonvulsant in foals and as a preanaesthetic to xylazine/ketamine anaesthesia in horses.  
**Creation Date:** **June, 2020**  
**This version issued:** **June, 2023 and is valid for 5 years from this date**  
**Poisons Information Centre: Phone 13 1126 from anywhere in Australia**

## Section 2 - Hazards Identification

### Hazard classification:

Flammable liquid:	Category 3
Eye irritation:	Category 2
Reproductive toxicity:	Category 2
Specific target organ toxicity:	Category 2

### GHS pictogram:



**Signal word:** Warning

### Hazard statement:

H226: Flammable liquid and vapour.  
H319: Causes serious eye irritation.  
H361: Suspected of damaging fertility or the unborn child.  
H373: May cause damage to organs through prolonged or repeated exposure

### Prevention:

P103: Read label before use.  
P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P210: Keep away from open flames/hot surfaces.  
P233: Keep container tightly closed.  
P240: Ground/bond container and receiving equipment.  
P241: Use explosion-proof equipment.  
P260: Do not breathe mist/vapours.  
P264: Wash contacted areas thoroughly after handling.  
P280: Wear eye protection/face protection  
P281: Use personal protective equipment as required.

### Response:

P314: Get medical advice/attention if you feel unwell.  
P303 +P361 +

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P353

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

P308 + P313: IF exposed or concerned: Get medical advice/ attention.

P337 + P313: If eye irritation persists: Get medical advice/attention.

P370 + P378: In case of fire: Use In case of fire, use carbon dioxide, dry chemical, foam, water fog for extinction.

**Storage:**

P405: Store locked up.

P403 + P235: Store in a well-ventilated place. Keep cool.

**Disposal:**

P501: Dispose of contents and containers as specified on the registered label.

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### Section 3 - Composition/Information on Ingredients

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Ingredients	CAS No	Concentration
Diazepam	439-14-5	0.5%
Other reportedly non-hazardous ingredients	secret	to 100

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### Section 4 - First Aid Measures

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**General Information:** You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia and is available at all times. Have this SDS with you when you call.

**Inhalation:** Remove from source of exposure. If signs of toxicity occur, seek medical attention.

**Skin Contact:** Remove from source of exposure. Flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

**Eye Contact:** Remove from source of exposure. Flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

**Ingestion:** If swallowed, do NOT induce vomiting. Wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

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### Section 5 - Fire Fighting Measures

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**Fire and Explosion Hazards:** The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

**Extinguishing Media:** In case of fire, use carbon dioxide, dry chemical, foam, water fog.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.

**Flash point:** No data

**Upper Flammability Limit:** No data

**Lower Flammability Limit:** No data

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**Autoignition temperature:** No data

**Flammability Class:** No data

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## Section 6 - Accidental Release Measures

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**Accidental release:** Use appropriate protective clothing. For minor spills, prevent spilled material from entering water ways, clean up and absorb spills with inert material and place in waste containers, labelled for disposal. Contain in a secure location until disposal method is established. Dispose of waste safely. In the event of a major spill, prevent spillage from entering drains or water ways and call emergency services.

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## Section 7 - Handling and Storage

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**Handling:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

**Storage:** Store below 30°C (room temperature) in the closed original container in a dry, well-ventilated area out of direct sunlight. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

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## Section 8 - Exposure Controls and Personal Protection

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The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits

TWA (mg/m<sup>3</sup>)

STEL (mg/m<sup>3</sup>)

**Exposure limits have not been established by SWA for any of the significant ingredients in this product.**

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

**Ventilation:** This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

**Eye Protection:** Eye protection such as protective glasses or goggles is recommended when this product is being used.

**Skin Protection:** You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious elbow-length gloves and facial protection when handling this product for lengthy periods. See below for suitable material types.

**Protective Material Types:** We suggest that protective clothing be made from the following materials: rubber, PVC.

**Respirator:** Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

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## Section 9 - Physical and Chemical Properties:

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<b>Physical Description &amp; colour:</b>	Clear colourless – pale yellow solution free of particulate matter
<b>Odour:</b>	Very faint, characteristic odour of Benzyl alcohol
<b>Boiling Point:</b>	No data
<b>Freezing/Melting Point:</b>	No data
<b>Volatiles:</b>	No data
<b>Vapour Pressure:</b>	No data
<b>Vapour Density:</b>	No data
<b>Specific Gravity:</b>	1.00 – 1.05
<b>Water Solubility:</b>	No data
<b>pH:</b>	6.0- 7.0
<b>Volatility:</b>	No data
<b>Odour Threshold:</b>	No data
<b>Evaporation Rate:</b>	No data
<b>Coeff Oil/water Distribution:</b>	No data
<b>Autoignition temp:</b>	No data

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## Section 10 - Stability and Reactivity

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**Reactivity:** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

**Conditions to Avoid:** Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Keep away from open flames/hot surfaces.

**Incompatibilities:** Strong acids, strong bases, strong oxidising agents.

**Fire Decomposition:** Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. May form oxides of sulfur (sulfur dioxide is a respiratory hazard) and other sulfur compounds. Most will have a foul odour. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

**Polymerisation:** This product will not undergo polymerisation reactions.

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## Section 11 - Toxicological Information

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### Classifications of hazardous ingredients:

#### Acute toxicity:

Diazepam: Oral LD50: 278 mg/kg (Mouse)  
Dermal LD50: 800 mg/kg (Mouse)

**Skin irritation:** No data

**Eye irritation:** No data

#### Reproductive toxicity:

Diazepam: Suspected human reproductive or developmental toxicants

#### Target organ toxicity:

Diazepam: Harmful to human target organs or systems (Oral)

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## Section 12 - Ecological Information

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### Classifications of hazardous ingredients:

#### Aquatic:

Diazepam: Harmful in the aquatic environment. Crustacean/ Daphnia magna 24 hr EC50: 49.4 uM

#### Terrestrial:

Diazepam: Ecotoxic to terrestrial vertebrates. Oral LD50: 278 mg/kg (Mouse)

#### Persistence and degradability:

Diazepam: ND

#### Bioaccumulative:

Diazepam: No

#### Mobility in soil:

No information

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## Section 13 - Disposal Considerations

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**Disposal:** Dispose of small quantities and empty containers by wrapping with paper and putting with domestic garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

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## Section 14 - Transport Information

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**UN Number:** Not applicable

**UN proper shipping name:** Not applicable

**Dangerous goods class:** Not applicable

**UN Packaging Group:** Not applicable

**Environmental hazards:** Not applicable

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## Section 15 - Regulatory Information

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**AICS:** All of the significant ingredients in this formulation are compliant with NICNAS regulations.

APVMA Approval No: 89028/123453

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## Section 16 - Other Information

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**This SDS contains only safety-related information. For other data see product literature.**

#### Acronyms:

**CAS number** Chemical Abstracts Service Registry Number

**SWA** Safe Work Australia

**TWA** Time Weighted Average

**STEL** Short Term Exposure Limit

**UN Number** United Nations Number

**AICS** Australian Inventory of Chemical Substances

**NICNAS** National Industrial Chemicals Notification and Assessment

**LD50** Lethal Dose for 50% of test organisms

**EC50** Median effective concentration

## SAFETY DATA SHEET

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

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