

SAFETY DATA SHEET



MSD

Animal Health

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Caninsulin[®]

Section 1: Identification of the Substance and Supplier

| | |
|----------------------------|---|
| Product name | Caninsulin |
| Recommended use | An insulin injection for use in dogs and cats. |
| Company details | Schering-Plough Animal Health Ltd 33 Whakatiki Street, Upper Hutt 5018, New Zealand Phone: 0800 800 543 – Fax: 0800 808 100 Website: www.msd-animal-health.co.nz Hours: 8 am – 5 pm, Mon – Fri |
| Emergency telephone | 0800 764 766 (0800 POISON) 24 hours human health 0800 243 622 (0800 CHEMCALL) 24 hours |
| Date of preparation | April 2019 |

Section 2: Hazards Identification

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| Hazard classifications | This product is considered non-hazardous as it does not trigger any of the minimum degrees of hazard under the HSNO Act 1996. |
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Section 3: Composition/Information on Ingredients

| Chemical name | CAS number | Concentration |
|---------------------------------|----------------|---------------|
| Highly purified porcine insulin | 12584 – 58 – 6 | 40 I.U. |

Section 4: First Aid Measures

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| Necessary first aid measures | <p>ACCIDENTIAL SELF INJECTION Bearing in mind that the duration of action of Caninsulin is up to 24 hours, the patient will require observation for 24 hours for signs of hypoglycaemia. Should this eventuate the administration of glucose orally or even intravenously is most advisable. Blood glucose monitoring for 48 hours is also suggested.</p> <p>SKIN CONTACT In case of skin contact, while wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor. An allergic reaction is possible.</p> <p>EYE CONTACT In case of eye contact, immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.</p> <p>INGESTION Inactive by mouth.</p> |
| Required instructions | For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor. |
| Notes for medical personnel | Not considered hazardous to human health. |
| Workplace facilities | Emergency showers and eyewashes may be warranted depending on quantity and type of use. |

Caninsulin[®]**Section 5: Fire Fighting Measures**

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| Type of hazard | Not classified as flammable |
| Fire hazard properties | In fire incidents toxic fumes of nitrogen oxides, sulphur oxides, carbon monoxide may be formed. |
| Regulatory requirements | Not applicable |
| Extinguishing media and methods | Carbon dioxide (CO ₂), extinguishing powder or water spray |
| Hazchem code | None allocated |
| Recommended protective clothing | Wear self-contained breathing apparatus (SCBA) plus protective gloves. |

Section 6: Accidental Release Measures

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| Personal Precautions | Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. |
| Environmental Precautions | Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes. Avoid release to the environment. |
| Emergency procedures | Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal. |

Section 7: Handling and Storage

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| Precautions for safe handling | Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance. |
| Regulatory requirements | None specified. |
| Handling practices | Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use. |
| Certified handlers | Not required. |
| Conditions for safe storage | Store in original container. Keep container sealed when not in use. Keep out of reach of children. |
| Store site requirements | Store between 2°C and 8°C. DO NOT FREEZE. |
| Packaging | Schedule 4 |

Caninsulin[®]**Section 8: Exposure Control/Personal Protection**

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| Occupational exposure limits | No WES is set for this substance at this time. |
| Application in the workplace | Ensure adequate ventilation. Keep container sealed when not in use. |
| Exposure standards outside the workplace | No TEL or EEL is set for this substance at this time. |
| Personal protection | No requirements. |
| Engineering controls | The health hazard risks of handling this material are dependent on many factors, including physical form, duration and frequency of process or task, and effectiveness of engineering controls. Site-specific risk assessments should be conducted to determine the feasibility and the appropriateness of all exposure control measures. Exposure controls for normal operating or routine procedures follow a tiered strategy. Engineering controls are the preferred means of long-term or permanent exposure control. If engineering controls are not feasible, appropriate use of personal protective equipment (PPE) may be considered as alternative control measures. Exposure controls for non-routine operations must be evaluated and addressed as part of the site-specific risk assessment. |

Section 9: Physical and Chemical Properties

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| Appearance | A white to almost white suspension. |
| Boiling Point | Not determined |
| Melting/Softening point | Not applicable |
| Vapour Pressure | Not determined |
| Specific Gravity | Not available |
| Solubility (H ₂ O) | Insoluble suspension |
| Percent Volatiles | Not determined |
| Evaporation Rate | Not determined |

Section 10: Stability and Reactivity

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| Stability of the substance | Stable under normal conditions. |
| Conditions to avoid | Avoid high temperatures, light and freezing. |
| Material to avoid | Avoid food products |
| Hazardous decomposition products | Warming the product above 30°C may initiate a degradation reaction, with the formation of penillic, penicillenic and penicollic acids. Gas slowly evolved during this reaction may result in the bottle building up an over-pressure resulting in the spraying of contents when punctured by a syringe. |

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Caninsulin[®]

Section 11: Toxicological Information

Acute effects for individual ingredients only

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| TEL | No TEL is set for this substance at this time. |
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Chronic/long term effects for individual ingredients only

Section 12: Environmental Information

Effects for individual ingredients only.

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| EEL | No EEL is set for this substance at this time. |
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Section 13: Disposal Considerations

Disposal information

Disposal

Dispose of unused contents in a suitable landfill. Where possible, dispose of unused product through AgRecovery Chemicals. Avoid contamination of any water source or the environment with product or empty container.

Container Disposal

Dispose of empty container by puncturing and burying in a suitable landfill. Where possible, recycle through AgRecovery. Do NOT burn.

Needle Disposal

Discarded needles should immediately be placed in a designated and appropriately labelled 'sharps' container

Reference

Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

Relevant information

Not classified as a dangerous good for transport.

Section 15: Regulatory Information

Regulatory status

ACVM registration number: A07401.
For conditions of registration see www.foodsafety.govt.nz

Approval not required under the HSNO Act 1996.

RESTRICTED VETERINARY MEDICINE

Section 16: Other Information

Additional information

Caninsulin is a registered trademark.

Schering-Plough Animal Health Ltd known as MSD Animal Health is a subsidiary of Merck & Co., Inc., Whitehouse Station, NJ, USA. Schering-Plough urges each user or recipient of this SDS to read the entire data sheet to become aware of the potential hazards associated with this material. This SDS summarises, at the date of issue, our best knowledge of the health and safety hazard information. Although reasonable care has been taken in the preparation of this document, Intervet Limited extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).