

SAFETY DATA SHEET

Caninsulin[®]



MSD
Animal Health
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Section 1: Identification of the Substance and Supplier

Product name	Caninsulin
Recommended use	An insulin injection for use in dogs and cats.
Company details	MSD Animal Health, 33 Whakatiki Street, Upper Hutt 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	August 2011

Section 2: Hazards Identification

Hazard classifications	This product is 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

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	Treat allergic reactions by skin exposure with antihistamines.

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Section 5: Fire Fighting Measures

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

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. A
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Section 7: Handling and Storage

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	Not required
Handling practices	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
Approved 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 and 8 °C. Do not freeze.
Packaging	Schedule 4

Section 8: Exposure Control/Personal Protection

Workplace exposure standards	Not applicable.
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	No TEL is set for this substance at this time EEL - Not applicable.
Personal protection	Wear chemical resistant gloves, facemask or goggles.

**Caninsulin[®]****Section 9: Physical and Chemical Properties**

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

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 penicollitic 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.

Section 11: Toxicological Information**Acute effects for individual ingredients only**

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.**

EEL	Not applicable.
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Section 13: Disposal Considerations

Disposal information	Disposal Dispose of unused contents in a suitable landfill.
	Container Disposal Dispose of empty container by burying in a suitable landfill, or recycle.
Reference	Current version of NZS 8409 Management of Agrichemicals

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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).