



Product Name: Percorten-V® Injection for Dogs

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Date of issue: November 2008

MATERIAL SAFETY DATA SHEET

Section 1 - Identification of Chemical Product and Company

COMPANY DETAILS:

Novartis Animal Health Australasia Pty Limited
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Product Name: Percorten-V® Injection for Dogs
Active Ingredients: Deoxycortone Pivalate
Product Use: For use as replacement therapy for the mineralocorticoid deficit in dogs with primary adrenocortical insufficiency
Revision Date: November 2008

Section 2 Hazards Identification

Hazard classification: Hazardous Substance
Non-Dangerous Goods
Risk Phrases: None
Safety Phrases: None
SUSDP Classification: 4
UN Number: None Allocated

Section 3 Composition / Information on Ingredients

Ingredients	CAS No.	Content (%w/v)
Deoxycortone Pivalate	[808-48-0]	2.5
Thimerosal	[54-64-8]	0.002
Other ingredients determined not to be hazardous		<2
Water	[7732-18-5]	to volume

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

Section 4 First Aid Measures

Label regulated First Aid Statement: If poisoning occurs contact a Doctor or Poisons Information Centre (Phone 131126).
Scheduled poisons : Product is an S₄ scheduled poison. Poisons Information Centres in each State capital city can provide additional assistance for scheduled poisons (Phone 131126).
Inhalation: Move affected person to fresh air and keep rested until recovered.
Skin Contact: Remove contaminated clothing and wash affected areas thoroughly with soap and water.
Eye contact: If product gets in eyes, flush with large quantities of clean tap water for several minutes.
Swallowed: If poisoning occurs contact a Doctor or Poisons Information Centre (Phone 131126).
Advice to doctor: Note the nature of the product (mineralocorticoid hormone). Product was previously approved in the USA for use in humans for treatment of

MATERIAL SAFETY DATA SHEET

Addison's disease. Ingestion of small amounts should not present a problem. However, if a large amount has been ingested (several vials) and emesis is inadequate, lavage stomach. Activated carbon can be given to absorb remaining product. Treat symptomatically together with measures to correct fluid and electrolyte imbalance. In case of hypokalemia, digitalis should be used only with caution

Section 5 Fire Fighting Measures

- Extinguishing Media:** This product is non-flammable and non-explosive. Use extinguishing media suited to the materials that are burning such as powder, foam, carbon dioxide or water-spray.
- Fire Fighting:** Fight fire in the early stages if safe to do so. Wear respiratory protection with a full mask and combination filter in ventilated areas. In enclosed premises wear respirator with independent air supply. When fighting fires involving significant quantities of this product, wear safety boots, non-flammable overalls, gloves, hat and goggles.

Section 6 Accidental Release Measures

- Accidental Release:** In case of spillage it is important to take all steps necessary to:
Avoid eye and skin contact. Avoid contamination of surface and ground water, drainage systems and other waterways.
Procedure for spill:
Keep all bystanders away. Wear goggles, full length clothing and PVC gloves. Reposition any leaking packages so as to minimise leakage. Cover spilled liquid with an absorbent material such as pet litter. Sweep up and place in an approved chemical waste container. Flush the area with water to remove any residue. Avoid contamination of sewers and waterways.

Section 7 Handling and Storage

- Safe Handling:** Avoid contact with skin, eyes and clothing.
- Storage:** Keep out of reach of children. Store below 25°C (Air Conditioning) in original container tightly closed. Store away from direct sunlight and humidity. Do not freeze.

Section 8 Exposure Controls / Personal Protection

- Exposure Limits:** No specific exposure standards have been set for this material. The nuisance particulate exposure standard of 10 mg/m³ of inspirable dust (8 hr time weighted average) should not be exceeded for airborne dust generated from this material.
- Eye Protection:** No special protective equipment required.
- Skin protection:** No special protective equipment required. If contact is possible when opening containers and using this material, wear PVC gloves.
- Respirator:** No special protective equipment required.
- Protective material types:** No special protective equipment required.
- General advice:** After use and before eating, drinking or smoking, wash hands with soap and water.

MATERIAL SAFETY DATA SHEET**Section 9 - Physical and Chemical Properties**

Physical State:	Homogenous suspension
Colour:	White/ off-white
Odour:	No particular odour
Corrosiveness:	Non-corrosive
Flammability	Non-flammable
pH	5-7

Section 10 - Stability and Reactivity

Chemical Stability:	Product is stable under normal conditions.
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Section 11 - Toxicological Information

Acute Toxicity :	Moderately toxic.
Oral:	Based on the acute oral LD ₅₀ in mice = 1000 mg/kg body weight, ingestion of 60 ml or more may be fatal to an adult human. However, given that the product is supplied in 4 ml vials, this would require the ingestion of the contents of 15 or more vials. No hazard is therefore expected from normal clinical use.
Dermal:	No hazard is expected from normal clinical use
Inhalation:	No hazard is expected from normal clinical use
Local Effects:	<u>Irritation</u>
Skin:	No hazard is expected from normal clinical use
Eyes:	No hazard is expected from normal clinical use
<u>Sensitisation</u> -	Potential Skin Sensitiser - repeated skin contact may cause a sensitisation (allergic) reaction in sensitive individuals

Section 12 - Ecological Information

No ecological data is available.

Section 13 - Disposal Considerations

After intended use:	Dispose of empty vial by wrapping with paper and putting in garbage.
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Section 14 - Transport Information

UN Number:	None allocated
UN proper shipping name:	None allocated
Class & Subsidiary Risk :	None allocated
Packaging Group:	None allocated
HAZCHEM Code:	None allocated

Section 15 - Regulatory Information

Australia:	Product first registered for use in Australia on the 25 th September 2005 by the Australian Pesticides and Veterinary Medicines Authority
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MATERIAL SAFETY DATA SHEET**Section 16 - Other Information**

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

Acronyms

ADG Code:	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS:	Australian Inventory of Chemical Substances
CAS Number:	Chemical Abstracts Service Registry Number
Hazchem Number:	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters
IARC	International Agency for Research on Cancer
NOHSC	National Occupational Health and Safety Commission
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
STEL	Short-term Exposure Limit
SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
TWA	Time Weighted Average
UN Number	United Nations Number

Note:

This product is a registered veterinary chemical and must therefore be used in accordance with the container label directions. A comprehensive package of toxicological and environmental data for the active ingredients of this product has been submitted to the Federal health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.

This Material Safety Data Sheet 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 should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

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