

Section 1 - Identification of the Material and Supplier Zoetis

Australia Pty Ltd

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Chemical nature: Blend of anthelmintic and other ingredients
Trade Name: **Cazitel Flavoured Allwormer Tablets for Dogs/Large Dogs**
APVMA Code: 66818/66816
Product Use: For the control of gastrointestinal worms in dogs
Creation Date: **September, 2011**
This version issued: **1 October 2016** and is valid for 5 years from this date

Section 2 - Hazards Identification

Hazard Classifications: This product has been assessed according to GHS and is classified as non-hazardous.

Signal word: None

GHS Pictograms: None

Precautionary statements: None

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Content
Febantel	68813-55-8	30 – 40%
Pyrantel embonate (pamoate)	22204-24-6	20 – 30%
Praziquantel	55268-74-1	< 10%
Ingredients not contributing to the hazards		30 – 40%

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

General Information: Consult the National Poisons Centre on 13 1126 or a doctor immediately in every case of suspected chemical poisoning. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If medical advice/attention is needed, have this SDS, product container or label at hand.

Symptoms and Effects of Exposure: None known.

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Ingestion: If swallowed do NOT induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Never give liquid to a person showing signs of being sleepy or with

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Phone: 1800 814 883

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

reduced awareness; i.e. becoming unconscious. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

Skin: If skin contact occurs, wash affected area thoroughly with plenty of soap and water. If skin irritation or rash occurs, get medical advice/attention.

Eye: If eye contact occurs, rinse cautiously with water for at least 20 minutes. Continue rinsing. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. If eye irritation persists, get medical advice/attention.

Recommended First Aid Facilities: Ready access to running water and soap is required. Accessible eyewash is required.

Advice to Doctor: None

Section 5 - Fire Fighting Measures

Flash Point: No data. Not flammable. Not combustible.

Hazardous Combustion Products: If involved in a fire, may emit noxious and irritant fumes.

Extinguishing Media: There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

Protective Equipment: Protective gloves and breathing apparatus.

HAZCHEM Code: None specified.

Section 6 - Accidental Release Measures

Spills and Disposal: This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For small spills, clean up spilled product then wipe area and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. For large spills, exclude non-essential people from the area. Prevent spillage from entering drains or water courses and call emergency services.

Protective Clothing: For appropriate personal protective equipment see section 8.

Environmental Precautions: Prevent from entering drains, waterways or sewers. If spill does enter waterways contact local authority.

Section 7 - Handling and Storage

Handling: Avoid contact with skin, eyes and inhalation of dusts. Use personal protective equipment as required. Do not eat, drink or smoke while handling product.

Storage: Keep out of reach of children. Store below 30°C (room temperature), away from foodstuffs.

Other Information: Always read the label before use. See label for further information on handling and storage.

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Section 8 - Exposure Controls and Personal Protection

This SDS describes personal protective measures relating to long term industrial and manufacturing exposure and emergency situations, such as accidents and spills. See product label for personal protective measures during normal use of the marketed product.

Exposure Limits: An exposure limit for the mixture has not been established. No exposure standards for the ingredients are available.

The ADI for Praziquantel is set at 0.02 mg/kg/day. The corresponding NOEL is set at 20 mg/kg/day. The NOEL for febantel is 2 mg/kg/day.

Engineering Controls: No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that dusts are minimised.

Personal Protective Equipment (PPE):

Eye protection: Protective glasses or goggles are recommended when bulk quantities of this product are being handled.

Skin protection: When handling bulk quantities, prevent skin contact by wearing chemical protective gloves e.g. PVC.

Respiratory protection: Not required for the normal use of this product.

Section 9 - Physical and Chemical Properties:

Appearance:	Yellow, round tablet	Upper / Lower Flammability or Explosive Limits:	Not available
Odour:	Not available	Vapour Pressure:	Not applicable
Odour Threshold:	Not available	Vapour Density:	Not applicable
pH:	Not applicable	Relative Density:	Not applicable
Melting Point / Freezing point:	Not available	Solubility in Water:	Disintegrates in water
Initial Boiling Point and Boiling Range:	Not applicable	Partition Coefficient:	Not available
Flashpoint:	Not available	Auto-Ignition Temperature:	Not available
Evaporation Rate:	Not applicable	Decomposition Temperature:	Not applicable
		Viscosity:	Not applicable

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or polymerise under normal storage conditions.

Stability: When stored appropriately this product should show no significant degradation within the expiry period shown on the label.

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Conditions to Avoid: Elevated temperatures and/or direct sunlight.

Incompatible Materials: Oxidising agents.

Hazardous Decomposition Products: No data available.

Section 11 - Toxicological Information

Signs & Symptoms of Exposure: No data.

Medical Conditions Generally Aggravated by Exposure: None known.

Acute Toxicity:

Ingestion: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the oral route.

Febantel: Oral LD₅₀: 1250 mg/kg (rabbit);

Pyrantel embonate: Oral LD₅₀: >4000 mg/kg (rat);

Praziquantel: Oral LD₅₀: 1050 mg/kg (rabbit).

Inhalation: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the inhalation route.

Dermal: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the dermal route.

Skin Corrosion / Irritation: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be skin corrosive or irritant.

Serious Eye Damage / Irritation: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be an eye irritant.

Respiratory or Skin Sensitisation: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a skin sensitiser or a respiratory sensitiser.

Germ Cell Mutagenicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be mutagenic.

Carcinogenicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be carcinogenic.

Reproductive Toxicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be reproductive toxicant.

STOT: Single exposure: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a specific target organ toxicant after single exposure.

STOT: Repeat exposure: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a specific target organ toxicant after repeat exposure. Animal testing shows that pyrantel may cause liver changes. Long term exposure may also affect blood cells, and high doses may cause vomiting and salivation.

Aspiration hazard: No data available

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Section 12 - Ecological Information

Ecotoxicity: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be toxic to the environment.

Fish

Febantel: LC₅₀ (96h): 164 mg/L.

Crustacea

Febantel: EC₅₀ (384h): 38.9 mg/L.

Algae and other aquatic plants

Febantel: EC₅₀ (96h): 567 mg/L.

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation Potential	Mobility
Febantel	HIGH	HIGH	LOW (LogKOW = 1.5332)	LOW (KOC = 2620)
Pyrantel embonate (pamoate)	No data	No data	No data	No data
Praziquantel	No data	No data	No data	No data

Section 13 - Disposal Considerations

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

Section 14 - Transport Information

Dangerous Goods Classification: Not classed as a Dangerous Good for transport purposes by road, sea or air.

Section 15 - Regulatory Information

Poison Schedule (SUSMP): Not scheduled.

APVMA Registration Nos: 66818 (Cazitel Flavoured Allwormer Tablets for Dogs Dogs); 66816 (Cazitel Flavoured Allwormer Tablets for Large Dogs).

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations. The following ingredient: Febantel, is mentioned in the SUSMP.

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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 (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

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Supersedes: Revision issued October 2015

Revision History:

Date of Revision	Reason
Oct 2015	Update to Zoetis
01 Oct 2016	Update to GHS format

Contact Points:

Zoetis	1800 814 883
Police and Fire	Dial 000

If ineffective:

Dial Poisons Information Centre
(13 11 26 from anywhere in Australia)

THIS SDS SUMMARISES OUR CURRENT AND BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION ABOUT THE PRODUCT DETAILED IN THIS SDS, AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE FOR THE RECOMMENDED USE. EACH USER OF THE PRODUCT MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THEIR OWN WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT ZOETIS.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)

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End of Safety Data Sheet

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