


# Vivitonin

## Section 1: Identification of the Substance and Supplier

<b>Product name</b>	<b>Vivitonin</b>
<b>Recommended use</b>	For treatment of conditions associated with the aging process in dogs.
<b>Company details</b>	<b>Schering-Plough Animal Health Ltd</b> <b>33 Whakatiki Street, Upper Hutt 5018, New Zealand</b>  <b>Phone: 0800 800 543 Fax: 0800 808 100</b> <b>Website: www.msd-animal-health.co.nz</b> <b>Hours: 8 am – 5 pm, Mon – Fri</b>
<b>Emergency telephone</b>	<b>0800 764 766 (0800 POISON) 24 hours human health</b> <b>0800 243 622 (0800 CHEMCALL) 24 hours</b>
<b>Date of preparation</b>	April 2019

## Section 2: Hazards Identification

<b>Hazard classifications</b>	6.1D: Acute toxicant 6.9B: Target organ systemic toxicant 9.3C: Vertebrate ecotoxicant
<b>GHS Pictogram:</b>	
<b>Signal word</b>	Warning
<b>Hazard statement</b>	H302: Harmful if swallowed. H373: May cause damage to the liver, nervous, cardiovascular, blood and the haematopoietic systems through prolonged or repeated oral exposure. H433: Harmful to terrestrial vertebrates.
<b>Prevention statement</b>	P102: Keep out of reach of children. P103: Read label before use. P260: Do not breathe mist. P264: Wash thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P273: Avoid release to the environment.
<b>Response statement</b>	P101: If medical advice is needed, have product container or label at hand. P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P314: Get medical advice/attention if you feel unwell. P330: Rinse mouth.
<b>Disposal</b>	P501: Dispose of product, packaging and waste at an approved landfill or other approved facility.

## Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Propentofylline	55242-55-2	5%

**Vivitonin****Section 4: First Aid Measures**

<b>Necessary first aid measures</b>	<p><b>SKIN CONTACT</b> 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.</p> <p><b>EYE CONTACT</b> 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><b>INGESTION</b> Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or National Poisons Centre. If symptoms persist, consult a doctor.</p> <p><b>INHALATION</b> Remove to fresh air and provide oxygen if necessary. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a doctor.</p>
<b>Required instructions</b>	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.
<b>Workplace facilities</b>	Emergency showers and eyewashes may be warranted depending on quantity and type of use.

**Section 5: Fire Fighting Measures**

<b>Type of hazard</b>	Not classified as flammable
<b>Fire hazard properties</b>	Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.
<b>Regulatory requirements</b>	Not applicable
<b>Extinguishing media and methods</b>	Carbon dioxide (CO <sub>2</sub> ), extinguishing powder or water spray
<b>Hazchem code</b>	None allocated
<b>Recommended protective clothing</b>	Wear self-contained breathing apparatus (SCBA) plus protective gloves.

**Section 6: Accidental Release Measures**

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>Environmental Precautions</b>	Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes. Avoid release to the environment.
<b>Emergency procedures</b>	Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Recover and salvage product where possible. Otherwise sweep up and collect and place in sealable container for disposal. Seek advice from the local authority regarding disposal.

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### Section 7: Handling and Storage

<b>Precautions for safe handling</b>	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.
<b>Regulatory requirements</b>	Signage required where quantities greater than 1000 kg are present. Emergency Plan required where quantities greater than 1000 kg are present.
<b>Handling practices</b>	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
<b>Certified handlers</b>	Not required.
<b>Conditions for safe storage</b>	Store in original container in a cool, dry, ventilated place away from direct heat or direct sunlight. Keep container sealed when not in use. Keep out of reach of children.
<b>Store site requirements</b>	Store below 30°C (Room temperature).
<b>Packaging</b>	Schedule 4

### Section 8: Exposure Control/Personal Protection

<b>Occupational exposure limits</b>	No WES is set for this substance at this time.
<b>Application in the workplace</b>	Ensure adequate ventilation. Keep container sealed when not in use.
<b>Exposure standards outside the workplace</b>	No TEL is set for this substance at this time No EEL is set for this substance at this time
<b>Personal protection</b>	Wear chemical resistant gloves, facemask or goggles.
<b>Engineering controls</b>	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

Appearance	Ochre coloured tablets
Boiling Point	Not applicable
Melting/Softening point	Not determined
Vapour Pressure	Negligible at normal ambient temperatures.
Specific Gravity	Not determined

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Solubility (H <sub>2</sub> O)	Tablet disintegrates in water
Percent Volatiles	Not determined
Evaporation Rate	Not determined

## Section 10: Stability and Reactivity

<b>Stability of the substance</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Avoid high temperatures
<b>Material to avoid</b>	Avoid food products
<b>Hazardous decomposition products</b>	No dangerous decomposition is expected if used according to manufacturer's specifications.

## Section 11: Toxicological Information

### Acute effects for individual ingredients only

ORAL	Propentofylline: LD50 405 mg/kg bw (rabbit) [EPA NZ]
TEL	No TEL is set for this substance at this time.

### Chronic/long term effects for individual ingredients only

## Section 12: Environmental Information

### Effects for individual ingredients only.

TERRESTRIAL VERTEBRATES	Propentofylline: LD50 405 mg/kg bw (rabbit) [EPA NZ]
EEL	No EEL is set for this substance at this time.

## Section 13: Disposal Considerations

<b>Disposal information</b>	<p><b>Disposal</b>          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.</p> <p><b>Container Disposal</b>          Dispose of empty container by puncturing and burying in a suitable landfill. Where possible, recycle through AgRecovery. Do NOT burn.</p>
<b>Reference</b>	Current version of NZS 8409 Management of Agrichemicals

## Section 14: Transport Information

<b>Relevant information</b>	Not classified as a dangerous good for transport
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### Section 15: Regulatory Information

**Regulatory status**

HSNO Approval Code: HSR002273.  
For a full listing of controls see [www.epa.govt.nz](http://www.epa.govt.nz)

ACVM registration number: A005114.  
For conditions of registration see [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz)

**RESTRICTED VETERINARY MEDICINE**

### Section 16: Other Information

**Additional information**

Vivitonin is a trademark.

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