

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER**

<b>Product name:</b>	<b>Ventipulmin Oral Bronchodilator for Horses</b>
<b>Product code:</b>	A003892
<b>Recommended use:</b>	Oral bronchodilator for horses.
<b>Company details:</b>	Boehringer Ingelheim Animal Health New Zealand Limited
<b>Address:</b>	Level 3, Boehringer Ingelheim Building 2 Osterley Way Manukau City Auckland 2104 New Zealand
<b>Telephone number:</b>	Phone: +64 9 263 1400
<b>Emergency telephone number:</b>	Boehringer Ingelheim Freephone: 0800 800 822 National Poisons Centre : 0800 764 766 (0800 POISON) Fire Service, Ambulance : Dial 111
<b>Date of issue:</b>	17 May 2018
<b>Date of review:</b>	7 February 2020

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Chemical characterization:</b>	Solid - granules		
<b>Product components:</b>			
<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>	
Clenbuterol hydrchloride	21898-19-1	0.0016%	
Ingredients determined not to be hazardous	N/A	Balance	

**SECTION 3: HAZARDS IDENTIFICATION**

<b>Hazard classifications:</b>	Not classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand. Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.
<b>Priority and secondary identifiers:</b>	N/A
<b>Risk and safety phrases:</b>	N/A

**SECTION 4: FIRST AID MEASURES**

<b>Necessary first aid measures:</b>	For advice, contact the National Poisons Centre on 0800 POISON (0800 764 766), or a doctor immediately. <u>Ingestion</u> : If swallowed, seek medical attention. Do NOT induce vomiting. Wash out mouth thoroughly with water. <u>Eyes</u> : If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist, seek medical attention. <u>Skin</u> : Wash affected area thoroughly with soap and water. If symptoms develop, seek medical attention. <u>Inhalation</u> : If inhaled, remove affected person from contaminated area to fresh air. Keep at rest until recovered. If symptoms develop and/or persist, seek medical attention.
<b>Workplace facilities:</b>	No special facilities required.
<b>Required instructions:</b>	Observe good work practices and avoid skin contact. Wash hands and exposed skin before meals and after use. Do not eat or drink while using. Launder protective clothing separately from other clothing, and before each reuse.

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**Notes for medical personnel:** Treat symptomatically.

## SECTION 5: FIRE FIGHTING MEASURES

<b>Type of hazard:</b>	Combustible solid.
<b>Fire hazard properties:</b>	Combustible solid; will readily burn under fire conditions. The finely divided dust, in sufficient quantity, may form flammable/ explosive mixtures with air. Dust clouds may present an explosion hazard in the presence of an ignition source.  Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide and carbon dioxide.
<b>Extinguishing media and methods:</b>	Carbon dioxide, dry chemical or foam.
<b>Hazchem code:</b>	N/A
<b>Recommended protective clothing:</b>	Fire fighters should wear self-contained breathing apparatus operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency procedures:</b>	For minor spills: Avoid inhalation of dust/fumes, and skin or eye contact. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, and then transfer material to a suitable labelled container for subsequent recycling or disposal.  In the event of a major spill: Increase ventilation. Evacuate all unprotected personnel. Wear sufficient respiratory protection and full protective clothing to prevent exposure. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, and then transfer material to a suitable labelled container for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs, inform the local water and waste management authorities in accordance with local regulations.
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## SECTION 7: HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Used as directed on label or package insert. Avoid inhalation of dust, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the buildup of dust in the work atmosphere. Maintain high standards of personal hygiene, i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
<b>Approved handlers:</b>	Not required
<b>Conditions for safe storage:</b>	Store in a cool, dry, well-ventilated area, out of moisture. Protect from light. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.
<b>Store site requirements:</b>	Store below 25 °C. Protect from light.

## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Workplace exposure standards:</b>	No exposure standards have been established for this material. However, over- exposure to some chemicals may result in
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	<p>enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels. The exposure limits for particulates not otherwise classified are as follows: Particulates TWA 10 mg/m<sup>3</sup> (inhalable) TWA 3 mg/m<sup>3</sup> (respirable). TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.</p>
<b>Application in the workplace:</b>	Prevent exposure by using engineering controls, personal protective equipment and work practices that prevent skin contact.
<b>Engineering controls:</b>	None required, when used as intended. However, if there is risk of airborne exposure, use with good general ventilation. If dust is produced, local exhaust ventilation should be used.
<b>Personal protection:</b>	<b>Respiratory Protection</b> None required, when used as intended. However, if engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. <sup>1</sup> <b>Eye Protection</b> Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. <sup>2</sup> <b>Hand Protection</b> None required, when used as intended. However, where exposure to the contents is likely wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances, i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. <sup>3</sup> <b>Body Protection</b> Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.
<b>References:</b>	<ol style="list-style-type: none"><li>1. Reference should be made to Australian/ New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.</li><li>2. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.</li><li>3. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.</li></ol>

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Specify product data:</b>	<p><u>Formulation type</u>: Solid - granules <u>Appearance</u>: Granules (500 g container) <u>Specific gravity</u>: Not available <u>Boiling Point</u>: Not available <u>Vapour Pressure</u>: Not available <u>Solubility in Water</u>: Not available <u>Flammability</u>: Combustible</p>
<b>Required specifications:</b>	N/A
<b>Further specifications:</b>	N/A
<b>Specific advice:</b>	N/A

## SECTION 10: STABILITY AND REACTIVITY

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<b>Stability of the substance:</b>	Stable under normal conditions of use and storage.
<b>Possibility of hazardous reactions:</b>	Dust accumulation, heat and other sources of ignition.
<b>Conditions to avoid:</b>	Extremes of temperature and direct sunlight.
<b>Material to avoid:</b>	Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.
<b>Specific data:</b>	N/A

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>Data and interpretation:</b>	<b>Toxicology Information</b> No toxicity data available for this material. <b>Ingestion</b> Ingestion of this product may irritate the gastric tract causing nausea and vomiting or other systemic effects. <b>Inhalation</b> Inhalation of product dusts may cause irritation of the nose, throat and respiratory system. <b>Skin</b> May be irritating to skin. The symptoms may include redness and itching. <b>Eye</b> May be irritating to eyes. The symptoms may include redness, itching and tearing. <b>Respiratory sensitisation</b> Not expected to be a respiratory sensitiser. <b>Skin Sensitisation</b> Not expected to be a skin sensitiser. <b>Germ cell mutagenicity</b> Not considered to be a mutagenic hazard. <b>Carcinogenicity</b> Not considered to be a carcinogenic hazard. <b>Reproductive Toxicity</b> Not considered to be toxic to reproduction. <b>STOT-single exposure</b> Not expected to cause toxicity to a specific target organ. <b>STOT-repeated exposure</b> Not expected to cause toxicity to a specific target organ. <b>Aspiration Hazard</b> Not expected to be an aspiration hazard.
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## SECTION 12: ENVIRONMENTAL INFORMATION

<b>Potential environmental interactions:</b>	No ecological data available for this material.
<b>Data organisation :</b>	<b>Persistence and degradability</b> Not available <b>Mobility</b> Not available <b>Bioaccumulative Potential</b> Not available <b>Other Adverse Effects</b> Not available
<b>Environmental risk and safety phrases:</b>	Do not discharge this material into waterways, drains and sewers.

## SECTION 13: DISPOSAL CONSIDERATIONS

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<b>Disposal information :</b>	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
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## SECTION 14: TRANSPORT INFORMATION

<b>Relevant information:</b>	Not classified as dangerous for rail, road, air or sea transport.
<b>Other requirements:</b>	N/A

## SECTION 15: REGULATORY INFORMATION

<b>Regulatory status:</b>	Registered pursuant to the ACVM Act 1997, No. A003892 See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a> for registration conditions  Restricted Veterinary Medicine For use only under the authority or prescription of a veterinarian.  Not classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
<b>HSNO and ACVM controls:</b>	Refer to Section 3

## SECTION 16: OTHER INFORMATION

<b>Additional information:</b>	For product information visit the Boehringer Ingelheim website <a href="http://www.boehringer-ingelheim.co.nz">www.boehringer-ingelheim.co.nz</a>  While the information set forth is believed to be accurate as of the date hereof, BOEHRINGER INGELHEIM makes no warranty with respect hereto and disclaims all liability from reliance thereon.
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