



Virbac New Zealand Limited

## SAFETY DATA SHEET

According to  
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

### Section 1. Identification of the material and the supplier

Product: **Equimax LV**  
Product Use: For the treatment and control of tapeworms and roundworms (including arterial larval stages of *Strongylus vulgaris*) and benzimidazole resistant (small strongyles) and bots.

Restriction of Use: Refer to Section 15

New Zealand Supplier: **Virbac New Zealand Limited**  
Address: 26 – 30 Maui Street  
Pukete, Hamilton

Telephone: +64 7 849 6782  
Customer Service Toll no: 0800 VIRBAC (0800 847 222) (Mon-Fri 8:30am to 4:30pm)  
**Emergency No: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 27 September 2021

### Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

**EPA Approval No: Veterinary Medicines (Non-dispersive Closed System Application)– HSR100758**

#### Pictograms



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Acute oral toxicity Cat. 4	H302	Harmful if swallowed.
Effects on or via lactation	H362	May cause harm to breast-fed children.
Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure.
Hazardous to the aquatic environment acute/ chronic Cat. 1	H400/410	Very toxic to aquatic life with long lasting effects.
Hazardous to soil organisms	H423	Hazardous to soil organisms
Hazardous to terrestrial vertebrates	H433	Hazardous to terrestrial vertebrates
Hazardous to terrestrial invertebrates	H441	Hazardous to terrestrial invertebrates

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P263	Avoid contact during pregnancy while nursing.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P314	Get medical advice/attention if you feel unwell.
P330	Rinse mouth.
P391	Collect spillage.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

### Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Ivermectin	2	70288-86-7
Praziquantel	14	55268-74-1
Titanium dioxide	2	13463-67-7
Propylene Glycol	>25	57-55-6
Not triggering or non-hazardous ingredients	To bal	

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
If on Skin	Remove contaminating clothing. Wash skin immediately with water. In case of irritation, seek medical advice.
If Swallowed	If product is swallowed or gets in mouth wash mouth with water. Give plenty of water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

#### Most important symptoms and effects, both acute and delayed

Symptoms: Harmful if swallowed. May cause harm to breast-fed children.  
May cause damage to organs through prolonged or repeated exposure.

## Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Non Flammable
<b>Hazards from products</b>	None known.
<b>Suitable Extinguishing media</b>	In case of fire, use carbon dioxide, dry chemical, foam or sprayed water or fog. Do not use water jet.
<b>Precautions for firefighters and special protective clothing</b>	Breathing apparatus for fire only.
<b>HAZCHEM CODE</b>	<b>2Z</b>

## Section 6. Accidental Release Measures

Wear sufficient respiratory protection where necessary and protective clothing to minimize skin exposure. Evacuate all non-essential personnel.

Prevent any material from entering drains or waterways.

If possible, contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Dispose of in compliance with local and/or national regulations as per Section 13.

## Section 7. Handling and Storage

### Precautions for Handling:

- Read label before use.
- Obtain special instructions before use.
- Do not breathe dust, fumes, gas, mist, vapours or spray.
- Avoid contact during pregnancy while nursing.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid contamination of any water supply with chemical or empty container.
- Avoid release to the environment.
- In case of inadequate ventilation wear respiratory protection.

### Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children.
- Keep away from food and drink, including those for animals.
- Store locked up.
- Store below 25°C in original container, tightly closed, in a cool dry place.

## Section 8 Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Propane-1,2-diol [57-55-6] Vapour and particulates	150	474	-	-
Particulates only	-	10	-	-
Titanium dioxide [13463-67-7]	-	10	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term

Product Name: Equimax LV  
Date of SDS: 27 September 2021

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd  
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Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12<sup>TH</sup> EDITION.

### Engineering Controls

Ensure that there is adequate ventilation, especially in confined areas.

### Personal Protection Equipment



<b>Eyes</b>	Use eye protectors designed to protect against liquid splashes.
<b>Skin</b>	Wear suitable gloves and protective clothing.
<b>Respiratory</b>	Ensure that there is adequate ventilation, especially in confined areas. Avoid prolonged breathing of dust.
<b>Hygiene</b>	Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before reusing.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Thick unctuous and smooth paste colored almost white to creamy.
<b>Odour</b>	Not available
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not available
<b>Combustibility</b>	Not available
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Specific Gravity</b>	0.78-0.82
<b>Water Solubility</b>	Soluble
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This mixture is stable under the recommended handling and storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to Avoid</b>	No data available.
<b>Incompatible Materials</b>	No data available.
<b>Hazardous Decomposition Products</b>	None known.

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Harmful if swallowed.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable
<b>Eye</b>	Causes serious eye irritation.
<b>Skin</b>	Not applicable.

### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	May cause harm to breastfed children.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	May cause damage to organs through repeated or prolonged exposure.

## Section 12. Ecotoxicological Information

### Very toxic to aquatic life with long lasting effects.

Acute toxicity – all values  $\leq 1$  mg/L

96-hour LC50 (for fish)

48-hour EC50 (for crustacean)

72- or 96-hour ErC50 (for algae or other aquatic plants)

This class may be subdivided for some regulatory systems to include a lower band at L(E)C50  $\leq 0.1$  mg/L

### Hazardous to the soil environment

Acute EC50 of the tested mixture  $>10$  and  $\leq 100$  mg/kg

The soil DT50 is  $> 30$  days

### Hazardous to terrestrial vertebrates

Acute L(D)C50 of the tested mixture  $500 \leq LD50 \leq 2000$  mg/kg bw (oral or dermal); or  $1000 < LC50 \leq 5000$  ppm (diet)

### Hazardous to terrestrial invertebrates

Acute LD50 of the tested mixture  $< 2$  .tg/ terrestrial invertebrate

<b>Product:</b>	
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

Do not allow to enter waterways.

## Section 13. Disposal Considerations

### Disposal Method:

Triple or pressure rinse container including exterior and cap. Dispose of rinsate and any undiluted chemical according to local Government requirements.

Dispose of empty container by wrapping with paper and placing in the garbage, in accordance with the Territorial Local Authority.

Avoid contamination of any water supply with chemical or empty container.

Toxic to fish. Do not contaminate dams, rivers, streams or other waterways with product or empty container.

**Precautions or methods to avoid:** Avoid contamination of any water supply with chemical or empty container. Toxic to fish. Do not contaminate dams, rivers, streams or other waterways with product or empty container.

## Section 14 Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012



### Road, Rail, Sea and Air Transport

<b>UN No</b>	3077
<b>Class - Primary</b>	9
<b>Packing Group</b>	III
<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S
<b>Marine Pollutant</b>	Yes
<b>Special Provisions</b>	If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

## Section 15 Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: **Veterinary Medicines (Non-dispersive Closed System Application)-HSR100758**

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	100L
Emergency Response Plan	100L
Secondary Containment	100L
Restriction of Use	Only use for the intended purpose.
ACVM Approval No See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a> for registration Conditions	A008044

## Section 16 Other Information

### Glossary

Cat	Category
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.

LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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