



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: **Suprelorin**  
Product Use: Implantable Slow Release Gonadotropin Releasing Hormone (GnRH) Analogue that can suppress fertility in male dogs by reducing testosterone production to a level where sperm production and the ability to ejaculate generally disappears.

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: 25 November 2021

### Section 2. Hazards Identification

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

**EPA Approval No: Veterinary Medicines (Limited Pack Size, Finished Dose) Group Standard 2020 – HSR100757**

#### Pictograms



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Reproductive toxicity Cat. 2	H361	Suspected of damaging fertility or the unborn child.

Prevention Code	Prevention Statement
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.

<b>Response Code</b>	<b>Response Statement</b>
P308 + P313	IF exposed or concerned: Get medical advice/ attention.

<b>Storage Code</b>	<b>Storage Statement</b>
P405	Store locked up.

<b>Disposal Code</b>	<b>Disposal Statement</b>
P501	Dispose of according to Local Regulations or Authorities

<b>Section 3.</b>	<b>Composition / Information on Hazardous Ingredients</b>
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<b>Ingredients</b>	<b>Proportion</b>	<b>CAS NUMBER.</b>
Deslorelin Acetate	4.7mg	57773-65-6

<b>Section 4.</b>	<b>First Aid Measures</b>
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Routes of Exposure:

If in Eyes	Rinse eyes for several minutes. If irritation occurs and persists, seek medical advice.
If on Skin	If skin irritation occurs, remove clothing and flush affected area with water. Seek medical advice if irritation persists. Pregnant women should get urgent medical advice.
If Swallowed	If swallowed, rinse mouth and drink a glass of water, get immediate medical attention and show the container or label to the doctor. Pregnant women should get urgent medical advice.
If Inhaled	Remove the person from affected area to fresh air area. If any trouble breathing, get immediate medical attention. If irritation or symptoms persist, consult a doctor.

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

Symptoms: Suspected of damaging fertility or the unborn child.

**Notes to Doctor:** No specific antidote is available. If poisoning is suspected apply symptomatic therapy.

<b>Section 5.</b>	<b>Fire Fighting Measures</b>
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<b>Hazard Type</b>	Non Flammable
<b>Hazards from products</b>	Not applicable
<b>Suitable Extinguishing media</b>	Carbon dioxide (CO <sub>2</sub> ), extinguishing powder and water spray.
<b>Precautions for firefighters and special protective clothing</b>	Breathing apparatus for fire only.
<b>HAZCHEM CODE</b>	<b>None allocated</b>

<b>Section 6.</b>	<b>Accidental Release Measures</b>
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Personnel involved in clean-up should wear appropriate personal protective equipment to minimize exposure. Non-essential personnel should be evacuated from the affected area.

In the event of a commercial scale spill, prevent spillage from entering drains or watercourses.

Place inert absorbent such as vermiculite, sand or dirt onto material. Do not dilute material but contain. Mop up the remaining material and place into the same container. 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 handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Pregnant women or women of child-bearing age should avoid contact with the product.
- If exposed or concerned, get medical advice.

### Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store in original container in a cool, dry, ventilated place away from direct heat or sunlight.
- Store locked up.
- Storage conditions: store at 2°C to 8°C (refrigerate, do not freeze).

## 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>

No ingredients have exposure limits

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 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 adequate ventilation. Keep container sealed when not in use.

### Personal Protection Equipment



<b>Eyes</b>	When handling in bulk wear suitable safety glasses.
<b>Skin</b>	When handling in bulk wear suitable protective gloves and protective clothing.
<b>Respiratory</b>	Not required.
<b>Hygiene</b>	Wash hands thoroughly with soap and water after handling.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	A synthetic GnRH analogue (deslorelin) in a biocompatible, slow release subcutaneous implant.
<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 flammable
<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>	Not available
<b>Water Solubility</b>	Not available
<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>	Stable under normal conditions of use.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to Avoid</b>	Keep away from direct heat or sunlight. Do not store above 8°C
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	None known.

### Section 11 Toxicological Information

#### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Not applicable.
<b>Skin</b>	Not applicable.

#### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Suspected of damaging fertility or the unborn child.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

### Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

<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

## Section 13. Disposal Considerations

### Disposal Method:

Discarded needles should immediately be placed in a designated and appropriately labelled "sharps" container. The container should be a type to reduce the possibility of injury to handlers during collection and disposal. Incineration is the preferred method of disposal; otherwise sharps should be buried at a suitable site.

**Precautions or methods to avoid:** None known

## Section 14 Transport Information

**This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**

## Section 15 Regulatory Information

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

EPA Approval Code: **Veterinary Medicines (Limited Pack Size, Finished Dose) Group Standard 2020 – HSR100757**

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	Not required
Emergency Response Plan	Not required
Secondary Containment	Not required
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	A009158

## 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

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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

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