



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: **Alizin**  
Product Use: For the induction of abortion in the bitch 0 to 45 days after mating.  
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 (Limited Pack Size, Finished dose) – HSR100757**

#### Pictograms



Signal Word: **DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Reproductive toxicity Cat. 1	H360	May damage 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.

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

Storage Code	Storage Statement
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P405	Store locked up.
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<b>Disposal Code</b>	<b>Disposal Statement</b>
P501	Dispose of according to Local Regulations or Authorities

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

Ingredients	Wt%	CAS NUMBER.
Aglepristone	3	124478-60-0
Ethanol	>5 - ≤10	64-17-5
Non hazardous	To bal	

**Section 4. First Aid Measures**

Routes of Exposure:

- If in Eyes                      If in eyes rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.
- 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                    Wash out mouth thoroughly with water. Give a glass of water to drink. Never give anything to the mouth of an unconscious person. Seek medical attention if needed.
- 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:

- Ingestion:**                    Not applicable.
- Inhalation:**                   Not applicable.
- Skin:**                            Not applicable.
- Eye:**                             Not applicable.
- Chronic:**                      May damage fertility or the unborn child.

**Notes to Doctor:**        Treat symptomatically.

**Section 5. Fire Fighting Measures**

<b>Hazard Type</b>	Non Flammable
<b>Hazards from combustion products</b>	Not applicable.
<b>Suitable Extinguishing media</b>	Carbon dioxide (CO <sub>2</sub> ), extinguishing powder, water spray.
<b>Precautions for firefighters and special protective clothing</b>	Wear sufficient respiratory protection where necessary and protective clothing to minimize skin exposure.
<b>HAZCHEM CODE</b>	<b>None allocated.</b>

## Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel. Avoid any exposure to the product.

Contain and collect spillage with non-combustible inert absorbent materials. Place in a suitable container for disposal. 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.
- Do not handle until all safety precautions have been read and understood.
- Pregnant women or women of child-bearing age should avoid contact with the product.
- Avoid release to the environment.
- Wash hands thoroughly after handling.
- Use personal protective equipment as required.

### Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children.
- Store in original container in a cool, dry, ventilated place away from direct heat or sunlight.
- Keep container sealed when not in use.
- Store protected from light at room temperature below 30°C.

## 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>
Ethanol (Ethyl alcohol) [64-17-5]	1000	1880	-	-

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>	Not required.
<b>Skin</b>	When handling in bulk quantities, wear suitable gloves, protective clothing.
<b>Respiratory</b>	Not required.
<b>General</b>	Wash thoroughly with soap and water after handling.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Clear yellow oily solution.
<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>	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>	This product is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Not available
<b>Conditions to Avoid</b>	Avoid high temperature and keep away from naked flames.
<b>Incompatible Materials</b>	Avoid food products.
<b>Hazardous Decomposition Products</b>	None known.

### Section 11 Toxicological Information

#### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable. Since no data is available concerning the dermal absorption of aglepristone, skin contamination must be prevented with the animal is treated.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Not applicable.
<b>Skin</b>	Not allocable.

#### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	May damage fertility or the unborn child. The product should be used with caution by women who are pregnant, intending to become pregnant or whose pregnancy status is unknown. Medical advice should be given in any case of contamination.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

Sub-cutaneous LD50 (rat) >1000 mg/kg

Oral LD50 = 2415 mg/kg

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Accidental self-injection is always dangerous.

Alizin is an oil-based product that may cause prolonged local reactions at the site of injection.

## Section 12. Ecotoxicological Information

<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

Acute toxicity – all values >1 to ≤ 10 mg/L

96-hour LC50 (for fish)

48-hour EC50 (for crustacean)

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

Reference from [ User Guide to the HSNO Thresholds and Classifications]

## Section 13. Disposal Considerations

### Disposal Method:

Dispose of this product only by using according to the label, or at an approved landfill, or other approved facility.

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

**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) – HSR100757

GHS Classification:

Reproductive toxicity Cat. 1

<b>HSW (HS) Regulations 2017 and EPA Notices</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	10 000L
Secondary Containment	10 000L
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	A007957

## Section 16 Other Information

### Glossary

Cat

EC<sub>50</sub>

Category

Median effective concentration.

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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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