



## SAFETY DATA SHEET

### Coxiril 0.5% Premix

#### Section 1: Identification of the Substance and Supplier

<b>Product Name:</b>	Coxiril 0.5% Premix
<b>ACVM Registration Number:</b>	A11357
<b>Recommended Use:</b>	<i>As an aid in the prevention of coccidiosis caused by Eimeria spp. In broiler chickens.</i>
<b>Company Details:</b>	AgriHealth NZ Ltd Unit 1.2, 89 Grafton Road, Grafton, Auckland 1010, New Zealand Phone: +64 9 215 1199      Fax: +64 9 984 9455 Website: <a href="http://www.agrihealth.co.nz">www.agrihealth.co.nz</a>
<b>Emergency Telephone:</b>	National Poisons Centre: 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111

#### Section 2: Hazards Identification

Classified as a hazardous substance according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

**Coxiril 0.5%** is approved pursuant to the HSNO Act 1996, within the **Veterinary Medicine (Non-dispersive Open System Application) Group Standard 2012, HSR100759**. The EPA website [www.epa.govt.nz](http://www.epa.govt.nz) should be consulted for the full list of triggered controls and cited regulations.

<b>Hazard Classifications:</b>	6.4A Eye irritant 9.1C Aquatic ecotoxin
<b>Signal word:</b>	WARNING
<b>Hazard statements:</b>	Read label before use Mildly irritating to the eye Harmful to aquatic life with long lasting effects
<b>Precautionary statements:</b>	Wash hands and exposed skin thoroughly after handling Avoid release to the environment

### Section 3: Composition / Information on Ingredients

**Product Components:**

Name	CAS Number	Concentration
Diclazuril	101831-37-2	0.5%
Non-hazardous components	N/A	99.5%

N/A = not applicable or not available

### Section 4: First Aid Measures

- General information:** For advice contact the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor. If medical advice is needed, have product container or label at hand.
- After inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, get medical advice/attention.
- After contact with skin:** Remove immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs, or if you feel unwell: Get medical advice/attention.
- After contact with eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation develops, get medical advice/attention.
- After ingestion:** Rinse mouth. Do not induce vomiting. Call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor/physician for advice.
- Workplace Facilities:** No special facilities are required.
- Notes for Medical Personnel:** Treat exposed patients symptomatically.

### Section 5: Fire Fighting Measures

- Type of hazard:** Non-flammable
- Fire Hazard Properties:** This material is assumed to be combustible.
- Extinguishing Media and Methods:** Water spray, dry powder, carbon dioxide, or foam
- Hazchem Code:** N/A
- Recommended Protective Clothing:** Wear full protective clothing and self-contained breathing apparatus (SCBA)

## Section 6: Accidental Release Measures

<b>Personal precautions:</b>	Wear suitable protective clothing including eye protection.
<b>Methods for cleaning up:</b>	Restrict access to contaminated area. Prevent further spillage, and prevent spilled material from flowing onto adjacent land or into waterways. Retrieve intact containers from site. Place damaged containers into containment devices. Sweep up spillage and place the spillage into sealable containers for disposal. Avoid contamination of water courses or sewers. Dispose of waste safely.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling:</b>	Avoid the formation and deposition of dust. Provide exhaust ventilation if dust is formed.
<b>Precautions for protection against fire and explosion</b>	Take precautionary measures against electrostatic loading. Avoid formation of dust. Observe the general rules of industrial fire protection.
<b>Storage</b>	Keep only in the original container. Keep container tightly closed, cool and dry, avoiding direct sunlight and temperatures above 25°C.
<b>Regulatory Requirements:</b>	An emergency response plan is required for this substance when stored in quantities of 1000kg or greater.  Signage is required for this substance when stored in quantities of 1000kg or greater.
<b>Approved Handlers:</b>	Not required

## Section 8: Exposure Control / Personal Protection

<b>General protective measures</b>	Do not inhale dust/mist. Avoid contact with eyes and skin.
<b>Hygienic measures</b>	Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. After worktime and during work intervals the affected skin areas must be thoroughly cleaned.
<b>Hand protection:</b>	Rubber or latex gloves
<b>Eye protection:</b>	Safety glasses with side protective shield
<b>Skin protection:</b>	Protective clothing
<b>Respiratory protection:</b>	Not normally required if good ventilation is maintained. If the operations involve the risk of exposure to dust, wear either a disposable filter and half mask or a non-disposable respirator.

## Section 9: Physical and Chemical Properties

Appearance:	Powder
Physical state:	Solid
Color:	Pale beige
Boiling point:	No applicable information found
Melting point:	> 300°C
Vapour pressure:	No applicable information found
Vapour density:	No applicable information found
Relative density:	N/A
Solubility:	No applicable information found

## Section 10: Stability and Reactivity

<b>Stability:</b>	Stable under normal conditions and recommended use
<b>Conditions to avoid</b>	Do not mix with other chemicals. Avoid acids and oxidisers.
<b>Hazardous decomposition products:</b>	No information available.

## Section 11: Toxicological Information

**HSNO Classification:** 6.4A

No data is available for the formulated product. The following information relates to diclazuril.

### Diclazuril:

#### **Acute toxicity:**

Animal species	Route of administration	LD <sub>50</sub> (mg/kg body weight)
Mouse, Rat	Per os	> 5000
Rabbit	Dermal	> 4000
Rat	Inhalation	> 5.11 mg/mL

Eye contact:	Mildly irritating to the eyes
Skin contact:	Not irritating
Ingestion:	Not expected to be toxic if swallowed
Inhalation:	Not toxic by inhalation
Carcinogenicity:	Not carcinogenic
Mutagenicity:	Not mutagenetic
Chronic toxicity (diclazuril):	Oral administration for 3 months in rats and dogs at doses of 5, 20 and 80 mg/kg was slightly toxic at 20 mg/kg (liver changes in rats) and moderately toxic at 80 mg/kg (liver changes in rats and dogs).

## Section 12: Environmental Information

**HSNO Classification:** 9.1C

No data is available for the formulated product. The following information relates to diclazuril.

**Ecotoxicity Data (diclazuril):**

- Bluegill sunfish 96-hour median lethal concentration: 0.58 mg/L.
- Daphnia magna 48-hour EC50: >0.63 mg/L.
- Green algae 72h EC50 (growth rate): >1.1 mg/L.
- Earthworm NOECmortality >1100mg/kg.

Not rapidly degradable

Property	Value	Units
Octanol/water partition coefficient	4.0 (pH 5)	Log K <sub>ow</sub>
	4.5 (pH 7)	
	4.4 (pH 8)	
Water solubility	< 10	ppb
Density (20°C)	1.614 x10 <sup>3</sup>	kg/m <sup>3</sup>
Vapour pressure	4.91 x10 <sup>-9</sup> (25°C)	torr
Dissociation constant	5.92	-

Not expected to bioaccumulate.

## Section 13: Disposal Considerations

**Disposal Information:** Preferably dispose of the product by use. Otherwise dispose of product and packaging at an approved landfill or other approved facility.

## Section 14: Transport Information

<b>Land Transport</b>	Not classified as dangerous goods for transport under NZ Standard 5433:2007 Transport of Dangerous Goods on Land.
<b>Air Transport</b>	Not classified as dangerous goods for transport under International Civil Aviation Organisation and International Air Transport Association regulations
<b>Sea Transport</b>	Not classified as dangerous goods for transport under International Maritime Organisation regulations
<b>UN Number</b>	N/A
<b>Proper Shipping Name</b>	N/A
<b>DG Class</b>	N/A
<b>Subsidiary Risk</b>	N/A
<b>Packing Group</b>	N/A
<b>HAZCHEM Code</b>	N/A

**Marine Pollutant**              Yes

The maximum quantity of this substance allowed for carriage on public service vehicles is 3kg.

### Section 15: Regulatory Information

**Regulatory Status:**              Pending Registration pursuant to the ACVM Act 1997, No A11357.  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions

**HSNO and ACVM Controls:**    Refer to section 2

**List Exposure Limits:**            None set

An SDS must be provided whenever **5kg** of Coxiril 0.5% is supplied.

An emergency response plan is required when stored in quantities 1000kg or greater.

Signage is required when stored in quantities 1000kg or greater.

### Section 16: Other Information

**Additional Information:**            For product information see the AgriHealth website:  
[www.agrihealth.co.nz](http://www.agrihealth.co.nz)

Date of preparation:                09 November 2017

Due for revision within 5 years.

The SDS summarises, at the date of issue, AgriHealth's best knowledge of the health and safety hazard information. Although reasonable care has been taken in the preparation of this document, AgriHealth NZ Ltd extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. AgriHealth NZ Ltd urges the recipient of this SDS to study it carefully to become aware of, and understand, the hazards associated with the product as well as determine the suitability of the information for the intended purpose.