



## SAFETY DATA SHEET

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

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

Product: **Coxiril 0.5% Premix**  
 Product Use: As an aid in the prevention of coccidiosis caused by Eimeria spp. In broiler chickens.  
 Restriction of Use: Refer to Section 15  
 New Zealand Supplier: **Agrihealth NZ Limited**  
 Address: Level 2, 89 Grafton Road, Auckland 1010  
 Telephone: +64 9 215 1199  
**Emergency No: 0800 764 766 (National Poisons Centre)**  
 Date of SDS Preparation: 22 December 2023

### Section 2. Hazards Identification

Not classified as hazardous according to Regulation (EC) No. 1272/2008 which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Classification) Notice 2017.

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

Ingredients	Wt%	CAS NUMBER
Diclazuril	0.5	101831-37-2
Pregelatinised starch	<2	9005-25-8
Calcium Carbonate	25-30	471-34-1
Non-hazardous ingredients	To bal	Proprietary

### Section 4. First Aid Measures

Routes of Exposure:

**If in Eyes** Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

**If on 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.

**If Swallowed** Wash out mouth thoroughly with water. Do not induce vomiting. 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. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

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

Symptoms:

<b>Ingestion:</b>	Not applicable.
<b>Inhalation:</b>	Not applicable.
<b>Skin:</b>	Not applicable.
<b>Eye:</b>	Causes eye irritation.

**Notes to Doctor:** Treat exposed patients symptomatically.**Section 5. Fire Fighting Measures**

<b>Hazard Type</b>	Non-Flammable. This material is assumed to be combustible.
<b>Hazards from products</b>	No data available
<b>Suitable Extinguishing media</b>	Water spray, dry powder, carbon dioxide, or foam
<b>Precautions for firefighters and special protective clothing</b>	Wear full protective clothing and self-contained breathing apparatus (SCBA)
<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. Restrict access to contaminated area.

Retrieve intact containers from site. Place damaged containers into containment devices. Sweep spilled product, taking care to avoid raising dust and place in sealable container for disposal. Wash the area with water and detergent. Absorb washings and place in the same sealable container for disposal. Avoid contamination of water courses or sewers.

Dispose of waste according to the applicable local and national regulations.

**Section 7. Handling and Storage****Precautions for Handling:**

- Read carefully and follow all instructions
- Wash Avoid the formation and deposition of dust
- Provide exhaust ventilation if dust is formed
- Avoid formulation of aerosols

**Precautions for Storage:**

- Store away from incompatible materials listed in Section 10
- Store below 25°C
- Store in the original container
- Keep container tightly closed, cool and dry, avoiding direct sunlight
- Keep container sealed when not in use
- Take precautionary measures against electrostatic discharging

**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>
Starch	[9005-25-8]	-	10	-	-
Calcium carbonate	[471-34-1]	-	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 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 APR 2022 13TH EDITION.

### Engineering Controls

Local exhaust hood: Recommended.

General exchange: Recommended.

### Personal Protection Equipment



<b>Eyes</b>	Safety goggles. Do not wear ophthalmic lenses
<b>Hands</b>	Wear rubber or latex gloves
<b>Skin</b>	Use protective clothing
<b>Respiratory</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
<b>General</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

## Section 9. Physical and Chemical Properties

<b>Appearance</b>	Powder (solid)
<b>Colour</b>	Pale beige
<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>	>300°C
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not flammable
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Density</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 and storage
<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to Avoid</b>	No data available
<b>Incompatible Materials</b>	Do not mix with other chemicals. Avoid acids and oxidisers
<b>Hazardous Decomposition Products</b>	No data available

**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>	Not applicable
<b>Germ Cell Mutagenicity</b>	Not applicable
<b>Aspiration</b>	Not applicable
<b>STOT/SE</b>	Not applicable
<b>STOT/RE</b>	Not applicable
	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)

**Individual component information:****Acute Toxicity: Diclazuril**

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

**Section 12. Ecotoxicological Information**

<b>Product:</b>	
<b>Persistence and degradability</b>	Not rapidly degradable
<b>Bioaccumulation</b>	Not expected to bioaccumulate
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

**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 NOEC mortality >1100mg/kg

Not rapidly degradable

<b>Property</b>	<b>Value</b>	<b>Units</b>
Octanol/water partition coefficient	4.0 (pH 5) 4.5 (pH 7) 4.4 (pH 8)	Log Kow
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	-

Do not allow to enter waterways.

**Section 13. Disposal Considerations****Disposal Method:**

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

**Precautions or methods to avoid:** Avoid contamination of any water supply with product or empty container.

**Section 14. Transport Information**

**This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2020**

**Section 15. Regulatory Information**

Not classified as hazardous according to Regulation (EC) No. 1272/2008 which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Classification) Notice 2017.

<b>HSW (HS) Regulations 2017</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	Not required
Secondary Containment	Not required
Restriction of Use	Not required
<b>ACVM Act and Regulations</b>	
See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a> for registration Conditions	<b>A11357</b>

**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 April 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

**Disclaimer**

Product Name: Coxiril 0.5%  
Date of SDS: 22 December 2023

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd  
Tel: 64 9 475 5240 [www.techcomp.co.nz](http://www.techcomp.co.nz)

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

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