



SAFETY DATA SHEET

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

Section 1. Identification of the material and the supplier

Product: **Eimeriavax 4m**
Pack size: 1,000 dose and 5,000 dose vials
Product Use: Coccidiosis vaccine containing live oocysts of *Eimeria maxima*, *E. tenella*, *E. necatrix* and *E. acervulina*, as an aid in the control of coccidiosis in broiler chickens caused by *Eimeria maxima*, *E. tenella*, *E. necatrix* and *E. acervulina*.

Restriction of Use: Refer to Section 15

New Zealand Supplier: **Agrihealth NZ Ltd**
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: 12 May 2025

Section 2. Hazards Identification

This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Concentration	CAS Number
Non-hazardous ingredients*	>99.9%	N/A
Formaldehyde	≤0.037mg/mL	50-00-0

* aqueous buffer of ingredients determined not to be hazardous, containing a suspension of live oocysts of *Eimeria* species of avian origin

Section 4. First Aid Measures

General: If medical advice is needed, have product container or label at hand. For advice contact the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor.

Routes of Exposure:

If in Eyes No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

If on Skin	Irritation is unlikely. However, if irritation does occur, wash skin with lukewarm, gently flowing water for 5 minutes or until chemical is removed.
If Swallowed	If product gets in the mouth or is swallowed, do not induce vomiting. Wash out mouth thoroughly with water and give some water to drink. If symptoms develop or if in doubt, call the National Poisons Centre 0800 764 766 or a doctor/physician for advice.
If Inhaled	First aid is generally not required. If in doubt, contact the National Poisons Centre, or a doctor/physician.

Most important symptoms and effects, both acute and delayed

Symptoms: None known

Notes to Doctor: The product contains avian oocysts (not known to be infectious to humans), physiological buffer, and small amounts of formalin acting as a preservative against microbial growth. Although purified, the product may contain small residues of chicken tissues. There is no specific treatment for exposure to Eimeriavax 4m.

Section 5. Fire Fighting Measures

Hazard Type	Non-Flammable
Hazards from combustion products	No decomposition products are expected from this product at temperatures normally achieved in a fire.
Suitable Extinguishing media	Not combustible. Use extinguishing media suited to burning materials.
Precautions for firefighters and special protective clothing	The major hazard in fires is usually inhalation of heated and toxic or oxygen-deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Inactivate oocysts by treating the affected area with undiluted cloudy ammonia or boiling water while preventing run-off from entering drains or waterways. Mop up spilt liquids with absorbent paper and wrap all waste in paper for disposal.

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

- Keep exposure to this product to a minimum, and minimise the quantities kept in work areas
- Read carefully and follow all instructions
- Wear protective clothing [as detailed in SDS Section 8]
- Avoid contact or contamination of product with incompatible materials listed in SDS Section 10

Precautions for Storage:

- Store away from incompatible materials listed in Section 10
- Store at 2 - 8°C. Do not freeze.
- Once open, the vials should not be stored above 25°C
- Protect from light
- Keep out of reach of children
- Store in a cool, dry place in tightly closed containers

Section 8. Exposure Controls / Personal Protection
WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA	STEL
	ppm mg/m ³	ppm mg/m ³
Formaldehyde	0.3	0.6

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.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure is an occupational setting occurs without proper containment systems.

- Ventilation:** No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists are minimised.
- Eye protection:** Eye protection is not normally necessary when this product is being used. However, if in doubt wear suitable protective glasses or goggles.
- Skin protection:** The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.
- Protective material types:** Protective clothing should be made from rubber, nitrile.
- Respirator:** Usually no respirator is necessary when using this product. However if you have any doubts consult the Australian Standard AS/NZS 1715.
- Safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

Section 9. Physical and Chemical Properties

Appearance	Opaque liquid
Colour	Greyish
Odour	Not available
Odour Threshold	Not available
pH	Not available
Boiling Point	Approximately 100°C at 100 kPa
Melting Point	Approximately 0°C
Freezing Point	Approximately 0°C
Flash Point	No data available
Flammability	Not flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	2.37 kPa at 20°C (water vapour pressure)
Vapour Density	As for water
Density	Not available
Water Solubility	Completely soluble in water
Partition Coefficient:	Not available
Auto-ignition Temperature	Not applicable – does not burn
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is unlikely to react or decompose under normal storage conditions
Possibility of hazardous reactions	This product will not undergo polymerisation reactions
Conditions to Avoid	Protect product from light. Store in the closed original container in a dry, well-ventilated area out of direct sunlight
Incompatible Materials	None known
Hazardous Decomposition Products	No significant quantities of decomposition products are expected at temperatures normally achieved in a fire

Section 11. Toxicological Information**Acute Effects:**

Swallowed	Not applicable
Dermal	Not applicable
Inhalation	Not applicable
Eye	Not applicable
Skin	Not applicable

Formaldehyde is classes by SWA as a potential sensitizer by skin contact

Chronic Effects:

Carcinogenicity	Product – not applicable. Formaldehyde is classified by SWA as a Class 2 carcinogen, likely to be carcinogenic in humans
Reproductive Toxicity	Not applicable
Germ Cell Mutagenicity	Not applicable
Aspiration	Not applicable
STOT/SE	Not applicable
STOT/RE	Not applicable

Section 12. Ecotoxicological Information

This substance is not classified as ecotoxic.

Product:	
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

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

This substance is NOT classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

HSW (HS) Regulations 2017	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities (Schedule 26)	Not required
Signage Trigger Quantities (Schedule 3)	Not triggered
Emergency Response Plan (Schedule 5)	Not triggered
Secondary Containment (Schedule 5)	Not triggered
Restriction of Use	Only use for the intended purpose.

ACVM Act and Regulations	
See www.foodsafety.govt.nz for registration Conditions	A11638

Section 16 Other Information**Glossary**

Cat	Category
EC ₅₀	Median effective concentration
EEL	Environmental Exposure Limit
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms
HSW	Health and Safety at Work
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it
LD ₅₀	Lethal dose to kill 50% of test animals/organisms
LEL	Lower explosive level
OSHA	American Occupational Safety and Health Administration
SWA	Safe Work Australia
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

This document has been prepared by AgriHealth NZ Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to AgriHealth 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 AgriHealth NZ Ltd have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to

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The information herein is given in good faith, but no warranty, express or implied is made.

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

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