

**Section 1 - Identification of The Material and Supplier**

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**Chemical nature:** The active ingredients consist of viable avian oocysts from 4 species of coccidia of avian origin, suspended in a protective buffer.

(1) *E-acervulina* Strain RA3+20, (2) *E-maxima* Strain MCK+10, (3) *E-mitis* Strain Jormit3+9 and (4) *E-tenella* Strain Rt3+15

**Trade Name:** EIMERIAVAX™ TAMM

**Product Use:** A vaccine to control coccidiosis in chickens.

**Creation Date:** July, 2019

**This version issued:** August 2024 and is valid for 5 years from this date.

**Poisons Information Centre: Phone 13 1126 from anywhere in Australia**

**Section 2 - Hazards Identification****Statement of Hazardous Nature**

This product is classified as: Not classified as hazardous according to the criteria of SWA.

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**Risk Phrases:** Not Hazardous - No criteria found.

**Safety Phrases:** S23, S36, S24/25. Do not breathe spray mists. Wear suitable protective clothing. Avoid contact with skin and eyes.

**SUSMP Classification:** None allocated.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**UN Number:** None allocated

**GHS Signal word: NONE. Not hazardous.**

The following precautions are generally recommended when handling veterinary chemical products:

**PREVENTION**

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P281: Use personal protective equipment as required.

**RESPONSE**

P353: Rinse skin or shower with water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

**STORAGE**

P410: Protect from direct sunlight.

P403+P235: Store in a well-ventilated place. Refrigerate, between 2 and 8°C, do not freeze.

**DISPOSAL**

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

**Emergency Overview**

**Physical Description & Colour:** An opaque white to light beige liquid in a 30 mL plastic eyedropper bottle.

**Odour:** No data re odour.

**Major Health Hazards:** no significant risk factors have been found for this product.

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### Section 3 - Composition/Information on Ingredients

| Ingredients                             | CAS No    | Conc, % | TWA (mg/m <sup>3</sup> ) | STEL (mg/m <sup>3</sup> ) |
|---|-----------|---------|--------------------------|---------------------------|
| Eimeria species oocysts of avian origin | not set   |         | not set                  | not set                   |
| Polysorbate 80                          | 9005-65-6 | 0.5g/L  | not set                  | not set                   |
| Buffered saline                         | not set   | to 100  | not set                  | not set                   |

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

### Section 4 - First Aid Measures

#### General Information:

Non-infectious to humans.

Call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

**Inhalation:** First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**Skin Contact:** Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

**Eye Contact:** Flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed, while holding the eyelid(s) open. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses.

**Ingestion:** If product is swallowed or gets in mouth, wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

### Section 5 - Fire Fighting Measures

**Fire and Explosion Hazards:** 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.

Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness.

Fire decomposition products from this product are not expected to be hazardous or harmful.

**Extinguishing Media:** Not combustible. Use extinguishing media suited to burning materials.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.

**Flash point:** Does not burn.

**Upper Flammability Limit:** Does not burn.

**Lower Flammability Limit:** Does not burn.

**Autoignition temperature:** Not applicable - does not burn.

**Flammability Class:** Does not burn.

### Section 6 - Accidental Release Measures

**Accidental release:** This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

### Section 7 - Handling and Storage

**Handling:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

**Storage:** Make sure that containers of this product are kept tightly closed. Refrigerate, preferably between 2 and 8°C, but do not freeze. Protect this product from direct sunlight. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

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## Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501** set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

**SWA Exposure Limits** Exposure limits have not been established by SWA for any of the significant ingredients in this product.

No special equipment are needed when handling small quantities. The following recommendations are for bulk handling or regular exposure in an occupational setting:

**Ventilation:** This product should be used in a well ventilated area.

**Eye Protection:** Eye protection such as protective glasses or goggles is recommended when administering veterinary chemical products.

**Skin Protection:** Avoid contact with all veterinary chemical products and wear suitable gloves (preferably elbow-length) when skin contact is likely.

**Respirator:** Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standards mentioned above.

## Section 9 - Physical and Chemical Properties:

**Physical Description & colour:** An opaque white to light beige liquid in a 30 mL plastic eyedropper bottle.

**Odour:** No data re odour.

**Boiling Point:** Approximately 100°C at 100kPa.

**Freezing/Melting Point:** Below 0°C.

**Volatiles:** Water component.

**Vapour Pressure:** 2.37 kPa at 20°C (water vapour pressure).

**Vapour Density:** As for water.

**Specific Gravity:** No data.

**Water Solubility:** Completely soluble in water.

**pH:** No data.

**Volatility:** No data.

**Odour Threshold:** No data.

**Evaporation Rate:** As for water.

**Coeff Oil/water Distribution:** No data

**Autoignition temp:** Not applicable - does not burn.

## Section 10 - Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

**Conditions to Avoid:** Keep containers tightly closed. Refrigerate, preferably between 2 and 8°C, but do not freeze. Protect this product from light.

**Incompatibilities:** acids, bases, oxidising agents, reducing agents.

**Fire Decomposition:** No specific data.

**Polymerisation:** This product will not undergo polymerisation reactions.

## Section 11 - Toxicological Information

**Local Effects:**

**Target Organs:** There are no data to hand indicating any particular target organs.

## Potential Health Effects

**Inhalation:**

**Short Term Exposure:** This product is not harmful and unlikely to cause discomfort or irritation.

**Long Term Exposure:** No data for health effects associated with long term inhalation.

**Skin Contact:**

**Short Term Exposure:** Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition, product is unlikely to cause any discomfort in normal use.

**Long Term Exposure:** No data for health effects associated with long term skin exposure.

**Eye Contact:**

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**Short Term Exposure:** May be mildly irritating, to eyes, but unlikely to cause more than mild transient discomfort.

**Long Term Exposure:** No data for health effects associated with long term eye exposure.

#### Ingestion:

**Short Term Exposure:** Significant oral exposure is unlikely. May be mildly irritating to mucous membranes but unlikely to cause more than mild transient discomfort.

**Long Term Exposure:** No data for health effects associated with long term ingestion.

#### Carcinogen Status:

**SWA:** No significant ingredient is classified as carcinogenic by SWA.

**NTP:** No significant ingredient is classified as carcinogenic by NTP.

**IARC:** No significant ingredient is classified as carcinogenic by IARC.

### Classification of Hazardous Ingredients

No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

### Section 12 - Ecological Information

This product is biodegradable. It will not accumulate in the soil or water or cause long term problems. Expected to not be an environmental hazard.

### Section 13 - Disposal Considerations

**Disposal:** Inactivate oocysts by treating the affected area with undiluted cloudy ammonia or hot water while preventing run-off from entering drains. Mop up spilt liquids with absorbent paper and wrap all waste in paper for disposal. Dispose of solid waste by wrapping with paper and putting in garbage or commercial waste disposal service.

### Section 14 - Transport Information

**UN Number:** This product is not classified as a Dangerous Good by ADG, IATA or IMDG criteria. No special transport conditions are necessary unless required by other regulations.

### Section 15 - Regulatory Information

**AICS:** All of the significant ingredients in this formulation are compliant with NICNAS regulations.

### Section 16 - Other Information

**This SDS contains only safety-related information. For other data see product literature.**

#### Acronyms:

|                   |   |
|-------------------|---|
| <b>ADG</b>        | Australian Code for the Transport of Dangerous Goods by Road and Rail (7 <sup>th</sup> edition) |
| <b>AICS</b>       | Australian Inventory of Chemical Substances   |
| <b>SWA</b>        | Safe Work Australia, formerly ASCC and NOHSC  |
| <b>CAS number</b> | Chemical Abstracts Service Registry Number  |
| <b>IARC</b>       | International Agency for Research on Cancer   |
| <b>IATA</b>       | International Air Transport Association   |
| <b>IMDG</b>       | International Maritime Dangerous Goods  |
| <b>NICNAS</b>     | National Industrial Chemical Notification and Assessment Scheme                                 |
| <b>NTP</b>        | National Toxicology Program (USA)   |
| <b>R-Phrase</b>   | Risk Phrase   |
| <b>SUSMP</b>      | Standard for the Uniform Scheduling of Medicines & Poisons                                      |
| <b>SWA</b>        | SafeWork Australia  |
| <b>UN Number</b>  | United Nations Number   |

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (2023)

### SAFETY DATA SHEET

Issued by: BIOPROPERTIES Pty. Ltd.

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