



# IMMUCOX® For Turkeys

## Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

Revision date : April 22, 2015

Supersedes: January 2, 2013

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
 Product name : COCCIDIOSIS VACCINE, LIVE OOCYSTS IMMUCOX® For Turkeys

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : IMMUCOX® is designed for the purpose of delivering uniformly low doses of live oocysts to turkeys to aid in the development of immunity against coccidiosis. When administered according to the directions (see vaccine insert) IMMUCOX® can aid in the reduction of morbidity attributable to coccidiosis.

#### 1.3. Details of the supplier of the safety data sheet

|   |   |
|---|---|
| Manufactured by:<br><b>VETECH LABORATORIES INC.</b><br>131 Malcolm Road Guelph, Ontario,<br>Canada N1K 1A8<br>Tel: 519-822-2994 | Distributed by:<br><b>BIOMUNE COMPANY</b><br>8906 Rosehill Rd.<br>Lenexa, Kansas 66215<br>Tel: 913-894-0230 |
|---|---|

#### 1.4. Emergency telephone number

| Country       | Official advisory body / Company | Address | Emergency number |
|---------------|----------------------------------|---------|------------------|
| UNITED STATES | Infotrac                         | -       | 1-800-535-5053   |
| INTERNATIONAL | Infotrac                         | -       | 1-352-323-3500   |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

GHS-US classification  
 Not classified

#### 2.2. Label elements

GHS-US labelling  
 No labeling applicable

#### 2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

#### 2.4. Unknown acute toxicity (GHS-US)

No data available



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### SECTION 3: Composition/information on ingredients

#### 3.1 Substance

Not applicable

#### 3.2 Mixture

| Name                                | Product identifier  | %      | Classification (GHS-US)  |
|-------------------------------------|---------------------|--------|--|
| Live oocysts of <i>Eimeria</i> spp. | Not applicable      | Varies | Not applicable   |
| Potassium dichromate                | (CAS No) 7778-50-9  | 1.33%  | Oxidizing solids (Category 2), H272<br>Acute toxicity, Oral (Category 3), H301<br>Acute toxicity, Inhalation (Category 2), H330<br>Acute toxicity, Dermal (Category 1), H310<br>Skin corrosion (Category 1B), H314<br>Serious eye damage (Category 1), H318<br>Respiratory sensitisation (Category 1), H334<br>Germ cell mutagenicity (Category 1B), H340<br>Carcinogenicity (Category 1B), H350<br>Reproductive toxicity (Category 1B), H360<br>Specific target organ toxicity - repeated exposure, Inhalation (Category 1), H372<br>Acute aquatic toxicity (Category 1), H400<br>Chronic aquatic toxicity (Category 1), H410 |
| FDC Red Dye #40                     | (CAS No) 25956-17-6 | 2.5%   | No components need to be disclosed according to the applicable regulations.  |
| Deionized Water                     | (CAS No) 7732-18-5  | > 96%  | No components need to be disclosed according to the applicable regulations.  |

\*Chemicals are present in a concentration less than 1% which is below the cut off limit according to §1910.120

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- First-aid measures after inhalation : Remove to fresh air and provide oxygen if necessary. If any trouble breathing, get immediate medical attention. If irritation or symptoms occur or persist, consult a doctor.
- First-aid measures after skin contact : Wash area and seek medical attention if irritation develops.
- First-aid measures after eye contact : In case of contact, rinse immediately with plenty of water and seek medical attention if irritation develops.
- First-aid measures after ingestion : Rinse mouth and drink a glass of water. If irritation or symptoms occur or persist, consult a doctor.

#### 4.2 Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after skin contact : None to our knowledge.
- Symptoms/injuries after eye contact : None to our knowledge.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Foam. Polyvalent powders. Carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media : None

#### 5.2. Special hazards arising from the chemicals

Fire hazard : No specific hazardous decomposition products known.

Reactivity : To our knowledge, the product does not present any particular risk, under normal conditions of use.

#### 5.3. Advice for firefighters

Firefighting instructions : None

Protection during firefighting : None

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : No specific precautions.  
Individual washing routines should be followed after any potential contact.

##### 6.1.2. For emergency responders

Protective equipment : Apply the same recommendations as section 6.1.1.

#### 6.2. Environmental precautions

None

#### 6.3. Methods and material for containment and cleaning up

For containment : Contain spill. Absorb with paper towel or inert material such as sand, clay etc.

Methods for cleaning up : Wash area with soap and water. Spray with bleach disinfectant

Other information : Follow good vaccination procedures. Refer to packaging for complete directions.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Follow good vaccination procedures. Refer to packaging for complete directions.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store at room temperature or at 3-8°C.

Incompatible materials : Strong acids. Strong bases. Strong oxidizing agents.

Special rules on packaging : Refer to packaging for complete directions.

#### 7.3. Specific end use(s)

No additional information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

The mixture is not classified for Health hazards: use aseptic technique.

Hand protection : None required.

Eye protection : None required.

Skin and body protection : None required.

Respiratory protection : None required.



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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|  |  |
|--|--|
| Physical state                             | : In liquid form with a food grade dye for colorant. |
| Colour                                     | : Dark red   |
| Odour                                      | : No perceptible odour                               |
| Odour threshold                            | : No data available                                  |
| pH   | : No data available                                  |
| Relative evaporation rate (butylacetate=1) | : No data available                                  |
| Melting point                              | : No data available                                  |
| Freezing point                             | : No data available                                  |
| Boiling point                              | : No data available                                  |
| Flash point                                | : No data available                                  |
| Auto-ignition temperature                  | : No data available                                  |
| Decomposition temperature                  | : No data available                                  |
| Flammability (solid, gas)                  | : Non flammable                                      |
| Vapour pressure                            | : No data available                                  |
| Relative vapour density at 20 °C           | : No data available                                  |
| Relative density                           | : No data available                                  |
| Solubility                                 | : Very soluble                                       |
| Log Pow                                    | : No data available                                  |
| Log Kow                                    | : No data available                                  |
| Viscosity, kinematic                       | : No data available                                  |
| Viscosity, dynamic                         | : No data available                                  |
| Explosive properties                       | : Not explosive                                      |
| Oxidising properties                       | : Non oxidizing material                             |
| Explosive limits                           | : No data available                                  |

#### 9.2. Other information

None

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

#### 10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

None under normal conditions.

#### 10.4. Conditions to avoid

None. Refer to packaging for complete directions.

#### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

None



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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

|  |  |
|--|--|
| Acute toxicity                                     | : Not classified<br>(Based on available data, the classification criteria are not met) |
| Skin corrosion/irritation                          | : Not classified<br>(Based on available data, the classification criteria are not met) |
| Serious eye damage/irritation                      | : Not classified<br>(Based on available data, the classification criteria are not met) |
| Respiratory or skin sensitisation                  | : Not classified<br>(Based on available data, the classification criteria are not met) |
| Germ cell mutagenicity                             | : Not classified<br>(Based on available data, the classification criteria are not met) |
| Carcinogenicity                                    | : Not classified<br>(Based on available data, the classification criteria are not met) |
| Reproductive toxicity                              | : Not classified<br>(Based on available data, the classification criteria are not met) |
| Specific target organ toxicity (single exposure)   | : Not classified<br>(Based on available data, the classification criteria are not met) |
| Specific target organ toxicity (repeated exposure) | : Not classified<br>(Based on available data, the classification criteria are not met) |
| Aspiration hazard                                  | : Not classified<br>(Based on available data, the classification criteria are not met) |

### SECTION 12: Ecological information

#### 12.1 Toxicity

Ecology - general : None

#### 12.2 Persistence and degradability

No additional information available

#### 12.3 Bioaccumulative potential

No additional information available

#### 12.4 Mobility in soil

No additional information available

#### 12.5 Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

|                         |   |
|-------------------------|---|
| Waste treatment methods | : Empty containers and unused contents should be disposed of according to local and/or national requirements. |
| Additional information  | : None  |



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### SECTION 14: Transport information

In accordance with DOT

Not classified as a dangerous good for transport

#### Additional information

Other information : No supplementary information available.

None

Transport document description : No supplementary information available.

#### Transport by sea

No additional information available

#### Air transport

No additional information available

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

Not classified as a hazardous or toxic

#### 15.2. International regulations

##### CANADA

Not classified as a hazardous or toxic

##### EU-Regulations

Not classified as a hazardous or toxic

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified as a hazardous or toxic

##### Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified as a hazardous or toxic

#### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive toxicity

### SECTION 16: Other information

Data sources : SDS of suppliers.

#### HMIS III Rating

Health : 0 Minimal Hazard

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

Personal Protection : None required

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*