

## Lamb Vaccine Selenised Formulation

Version 2.0      Revision Date: 04.12.2023      SDS Number: 11234646-00004      Date of last issue: 30.09.2023  
Date of first issue: 14.06.2023

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### Section 1: Identification

Product name : Lamb Vaccine Selenised Formulation

Other means of identification : Lamb Vaccine Selenised (A001011)

#### Manufacturer or supplier's details

Company : MSD

Address : 33 Whakatiki Street - Private Bag 908  
Upper Hutt - New Zealand

Telephone : 0800 800 543

Emergency telephone number : 0800 764 766 (0800 POISON)    0800 243 622 (0800 CHEMCALL)

E-mail address : EHSDATASTEWARD@msd.com

#### Recommended use of the chemical and restrictions on use

Recommended use : Veterinary product

Restrictions on use : Not applicable

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### Section 2: Hazard identification

#### GHS Classification

Hazardous to the aquatic environment - chronic hazard : Category 3

#### GHS label elements

Hazard pictograms : None

Signal word : None

Hazard statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary statements :

**Prevention:**

P273 Avoid release to the environment.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

#### Other hazards which do not result in classification

None known.

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### Section 3: Composition/information on ingredients

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Substance / Mixture : Mixture

**Components**

| Chemical name                             | CAS-No.      | Concentration (% w/w) |
|---|--------------|-----------------------|
| Antigen                                   | Not Assigned | >= 1 -< 10            |
| Aluminium potassium sulfate dodecahydrate | 7784-24-9    | >= 1 -< 10            |
| Sodium selenate                           | 13410-01-0   | >= 0.1 -< 0.25        |
| Thiomersal                                | 54-64-8      | >= 0.0025 -< 0.025    |

**Section 4: First-aid measures**

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.  
 When symptoms persist or in all cases of doubt seek medical advice.

If inhaled : If inhaled, remove to fresh air.  
 Get medical attention if symptoms occur.

In case of skin contact : Wash with water and soap as a precaution.  
 Get medical attention if symptoms occur.

In case of eye contact : Flush eyes with water as a precaution.  
 Get medical attention if irritation develops and persists.

If swallowed : If swallowed, DO NOT induce vomiting.  
 Get medical attention if symptoms occur.  
 Rinse mouth thoroughly with water.

Most important symptoms and effects, both acute and delayed : None known.

Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).

Notes to physician : Treat symptomatically and supportively.

**Section 5: Fire-fighting measures**

Suitable extinguishing media : Water spray  
 Alcohol-resistant foam  
 Carbon dioxide (CO<sub>2</sub>)  
 Dry chemical

Unsuitable extinguishing media : None known.

Specific hazards during fire-fighting : Exposure to combustion products may be a hazard to health.

Hazardous combustion products : Carbon oxides  
 Metal oxides  
 Sulphur oxides

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
 Use water spray to cool unopened containers.  
 Remove undamaged containers from fire area if it is safe to do so.

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Special protective equipment for firefighters : Evacuate area.  
 In the event of fire, wear self-contained breathing apparatus.  
 Use personal protective equipment.

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### Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
 Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).

Environmental precautions : Avoid release to the environment.  
 Prevent further leakage or spillage if safe to do so.  
 Prevent spreading over a wide area (e.g. by containment or oil barriers).  
 Retain and dispose of contaminated wash water.  
 Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material.  
 For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.  
 Clean up remaining materials from spill with suitable absorbent.  
 Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.  
 Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

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### Section 7: Handling and storage

Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Local/Total ventilation : Use only with adequate ventilation.

Advice on safe handling : Avoid inhalation of vapour or mist.  
 Do not swallow.  
 Avoid contact with eyes.  
 Avoid prolonged or repeated contact with skin.  
 Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment  
 Take care to prevent spills, waste and minimize release to the environment.

Hygiene measures : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place.  
 When using do not eat, drink or smoke.  
 Wash contaminated clothing before re-use.  
 The effective operation of a facility should include review of engineering controls, proper personal protective equipment,

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appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls.

Conditions for safe storage : Keep in properly labelled containers.  
 Store in accordance with the particular national regulations.

Materials to avoid : Do not store with the following product types:  
 Strong oxidizing agents

## Section 8: Exposure controls/personal protection

## Components with workplace control parameters

| Components                                | CAS-No.   | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis    |
|---|---|-------------------------------|--|----------|
| Aluminium potassium sulfate dodecahydrate | 7784-24-9   | WES-TWA                       | 5 mg/m <sup>3</sup> (Aluminium)                | NZ OEL   |
| Sodium selenate                           | 13410-01-0  | WES-TWA                       | 0.1 mg/m <sup>3</sup> (selenium)               | NZ OEL   |
|   |   | TWA                           | 20 µg/m <sup>3</sup> (OEB 3)                   | Internal |
|   |   | Wipe limit                    | 200 µg/100 cm <sup>2</sup>                     | Internal |
|   |   | TWA                           | 0.2 mg/m <sup>3</sup> (selenium)               | ACGIH    |
| Thiomersal                                | 54-64-8   | WES-TWA                       | 0.01 mg/m <sup>3</sup> (Mercury)               | NZ OEL   |
|   | Further information: Exposure can also be estimated by biological monitoring, Skin absorption |                               |  |          |
|   |   | TWA                           | 0.01 mg/m <sup>3</sup> (Mercury)               | ACGIH    |
|   |   | STEL                          | 0.03 mg/m <sup>3</sup> (Mercury)               | ACGIH    |

**Engineering measures** : Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., drip-less quick connections).  
 All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment.  
 Containment technologies suitable for controlling compounds are required to control at source and to prevent migration of the compound to uncontrolled areas (e.g., open-face containment devices).  
 Minimize open handling.

**Personal protective equipment**

Respiratory protection : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.

Filter type : Particulates type

Hand protection

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|                          |   |  |
|--------------------------|---|--|
| Material                 | : | Chemical-resistant gloves  |
| Remarks                  | : | Consider double gloving.   |
| Eye protection           | : | Wear safety glasses with side shields or goggles.<br>If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles.<br>Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols. |
| Skin and body protection | : | Work uniform or laboratory coat.<br>Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces.<br>Use appropriate degowning techniques to remove potentially contaminated clothing.                    |

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**Section 9: Physical and chemical properties**

|  |   |                   |
|--|---|-------------------|
| Appearance                                       | : | Aqueous solution  |
| Colour   | : | No data available |
| Odour  | : | No data available |
| Odour Threshold                                  | : | No data available |
| pH   | : | 6.0 - 7.0         |
| Melting point/freezing point                     | : | No data available |
| Initial boiling point and boiling range          | : | No data available |
| Flash point                                      | : | No data available |
| Evaporation rate                                 | : | No data available |
| Flammability (solid, gas)                        | : | Not applicable    |
| Flammability (liquids)                           | : | No data available |
| Upper explosion limit / Upper flammability limit | : | No data available |
| Lower explosion limit / Lower flammability limit | : | No data available |
| Vapour pressure                                  | : | No data available |
| Relative vapour density                          | : | No data available |
| Relative density                                 | : | 1.02              |

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|  |   |  |
|--|---|--|
| Density                                | : | No data available  |
| Solubility(ies)                        | : |  |
| Water solubility                       | : | No data available  |
| Partition coefficient: n-octanol/water | : | Not applicable   |
| Auto-ignition temperature              | : | No data available  |
| Decomposition temperature              | : | No data available  |
| Viscosity                              | : |  |
| Viscosity, kinematic                   | : | No data available  |
| Explosive properties                   | : | Not explosive  |
| Oxidizing properties                   | : | The substance or mixture is not classified as oxidizing. |
| Molecular weight                       | : | No data available  |
| Particle size                          | : | Not applicable   |

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**Section 10: Stability and reactivity**

|                                    |   |  |
|------------------------------------|---|--|
| Reactivity                         | : | Not classified as a reactivity hazard.         |
| Chemical stability                 | : | Stable under normal conditions.                |
| Possibility of hazardous reactions | : | Can react with strong oxidizing agents.        |
| Conditions to avoid                | : | None known.                                    |
| Incompatible materials             | : | Oxidizing agents                               |
| Hazardous decomposition products   | : | No hazardous decomposition products are known. |

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**Section 11: Toxicological information**

|                 |   |  |
|-----------------|---|--|
| Exposure routes | : | Inhalation<br>Skin contact<br>Ingestion<br>Eye contact |
|-----------------|---|--|

**Acute toxicity**

Not classified based on available information.

**Product:**

|                           |   |   |
|---------------------------|---|---|
| Acute oral toxicity       | : | Acute toxicity estimate: > 2,000 mg/kg<br>Method: Calculation method                  |
| Acute inhalation toxicity | : | Acute toxicity estimate: > 5 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist |

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Method: Calculation method

**Components:****Aluminium potassium sulfate dodecahydrate:**

|                     |   |   |
|---------------------|---|---|
| Acute oral toxicity | : | LD50 (Mouse): > 5,000 mg/kg                   |
|                     |   | Remarks: Based on data from similar materials |

**Sodium selenate:**

|                     |   |   |
|---------------------|---|---|
| Acute oral toxicity | : | LD50 (Rat): > 5 - 50 mg/kg                    |
|                     |   | Remarks: Based on data from similar materials |

|                           |   |                                 |
|---------------------------|---|---------------------------------|
| Acute inhalation toxicity | : | LC50 (Rat): > 0.052 - 0.51 mg/l |
|                           |   | Exposure time: 4 h              |
|                           |   | Test atmosphere: dust/mist      |
|                           |   | Method: OECD Test Guideline 403 |

**Thiomersal:**

|                     |   |  |
|---------------------|---|--|
| Acute oral toxicity | : | LD50 (Rat): 75 mg/kg                               |
|                     |   | Acute toxicity estimate: 10 mg/kg                  |
|                     |   | Method: Expert judgement                           |
|                     |   | Remarks: Based on national or regional regulation. |

|                           |   |  |
|---------------------------|---|--|
| Acute inhalation toxicity | : | Acute toxicity estimate: 0.1 mg/l                  |
|                           |   | Exposure time: 4 h                                 |
|                           |   | Test atmosphere: dust/mist                         |
|                           |   | Method: Expert judgement                           |
|                           |   | Remarks: Based on national or regional regulation. |

|                       |   |  |
|-----------------------|---|--|
| Acute dermal toxicity | : | Acute toxicity estimate: 10 mg/kg                  |
|                       |   | Method: Expert judgement                           |
|                       |   | Remarks: Based on national or regional regulation. |

**Skin corrosion/irritation**

Not classified based on available information.

**Components:****Aluminium potassium sulfate dodecahydrate:**

|         |   |                                      |
|---------|---|--------------------------------------|
| Species | : | Mouse                                |
| Result  | : | No skin irritation                   |
| Remarks | : | Based on data from similar materials |

**Sodium selenate:**

|         |   |                                     |
|---------|---|-------------------------------------|
| Species | : | reconstructed human epidermis (RhE) |
| Method  | : | OECD Test Guideline 431             |

|         |   |                                     |
|---------|---|-------------------------------------|
| Species | : | reconstructed human epidermis (RhE) |
|---------|---|-------------------------------------|

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|| Method : OECD Test Guideline 439

|| Result : Skin irritation

**Serious eye damage/eye irritation**

Not classified based on available information.

**Components:****Aluminium potassium sulfate dodecahydrate:**

|| Species : Rabbit  
 || Result : No eye irritation  
 || Remarks : Based on data from similar materials

**Sodium selenate:**

|| Species : Bovine cornea  
 || Method : OECD Test Guideline 437

|| Result : No eye irritation

**Respiratory or skin sensitisation****Skin sensitisation**

Not classified based on available information.

**Respiratory sensitisation**

Not classified based on available information.

**Components:****Aluminium potassium sulfate dodecahydrate:**

|| Test Type : Draize Test  
 || Exposure routes : Skin contact  
 || Species : Rabbit  
 || Result : negative  
 || Remarks : Based on data from similar materials

**Chronic toxicity****Germ cell mutagenicity**

Not classified based on available information.

**Components:****Aluminium potassium sulfate dodecahydrate:**

|| Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
 || Result: negative

**Sodium selenate:**

|| Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
 || Method: OECD Test Guideline 471



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Result: negative  
Remarks: Based on data from similar materials

**Thiomersal:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Genotoxicity in vivo : Test Type: Mammalian spermatogonial chromosome aberration test (in vivo)  
Species: Mouse  
Application Route: Ingestion  
Result: negative

**Carcinogenicity**

Not classified based on available information.

**Components:****Thiomersal:**

Species : Rat  
Exposure time : 1 Years  
Result : negative

**Reproductive toxicity**

Not classified based on available information.

**Components:****Aluminium potassium sulfate dodecahydrate:**

Effects on fertility : Test Type: Two-generation reproduction toxicity study  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 416  
Result: negative  
Remarks: Based on data from similar materials

Effects on foetal development : Test Type: Embryo-foetal development  
Species: Rat  
Application Route: Ingestion  
Method: OPPTS 870.3700  
Result: negative  
Remarks: Based on data from similar materials

**Sodium selenate:**

Effects on fertility : Test Type: Two-generation reproduction toxicity study  
Species: Rat  
Application Route: Ingestion  
Result: negative  
Remarks: Based on data from similar materials

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|                               |   |   |
|-------------------------------|---|---|
| Effects on foetal development | : | Test Type: Embryo-foetal development<br>Species: Mouse<br>Application Route: Ingestion<br>Result: negative<br>Remarks: Based on data from similar materials |
|-------------------------------|---|---|

**Thiomersal:**

|                                    |   |  |
|------------------------------------|---|--|
| Effects on foetal development      | : | Species: Rat<br>Application Route: Ingestion<br>Result: positive<br>Remarks: Based on data from similar materials      |
| Reproductive toxicity - Assessment | : | Clear evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments |

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Components:****Sodium selenate:**

|                 |   |  |
|-----------------|---|--|
| Exposure routes | : | Ingestion  |
| Assessment      | : | Shown to produce significant health effects in animals at concentrations of 10 mg/kg bw or less. |

**Thiomersal:**

|               |   |  |
|---------------|---|--|
| Target Organs | : | Central nervous system, Cardio-vascular system, Gastrointestinal tract, Kidney |
| Assessment    | : | Causes damage to organs through prolonged or repeated exposure.                |

**Repeated dose toxicity****Components:****Aluminium potassium sulfate dodecahydrate:**

|                   |   |                                   |
|-------------------|---|-----------------------------------|
| Species           | : | Mouse                             |
| NOAEL             | : | 15,000 mg/kg                      |
| Application Route | : | Ingestion                         |
| Exposure time     | : | 5 Weeks                           |
| Method            | : | Directive 67/548/EEC, Annex, B.33 |

**Sodium selenate:**

|                   |   |           |
|-------------------|---|-----------|
| Species           | : | Rat       |
| NOAEL             | : | 0.4 mg/kg |
| Application Route | : | Ingestion |

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Exposure time : 13 Weeks

**Thiomersal:**

Species : Rat  
 LOAEL :  $\geq 0.5$  mg/kg  
 Application Route : Ingestion  
 Remarks : Based on data from similar materials

**Aspiration toxicity**

Not classified based on available information.

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**Section 12: Ecological information****Ecotoxicity****Components:****Aluminium potassium sulfate dodecahydrate:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)):  $> 1,000 - < 10,000$  mg/l  
 Exposure time: 96 h  
 Remarks: Based on data from similar materials

**Ecotoxicology Assessment**

Chronic aquatic toxicity : No toxicity at the limit of solubility

**Sodium selenate:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)):  $> 1 - 10$  mg/l  
 Exposure time: 96 h  
 Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)):  $> 1 - 10$  mg/l  
 Exposure time: 48 h  
 Remarks: Based on data from similar materials

Toxicity to algae/aquatic plants : ErC50 (Chlamydomonas reinhardtii (green algae)): 245  $\mu$ g/l  
 Exposure time: 96 h

NOEC (Chlamydomonas reinhardtii (green algae)): 197  $\mu$ g/l  
 Exposure time: 96 h

M-Factor (Acute aquatic toxicity) : 1

Toxicity to fish (Chronic toxicity) : NOEC (Lepomis macrochirus (Bluegill sunfish)):  $> 0.01 - 0.1$  mg/l  
 Exposure time: 258 d  
 Remarks: Based on data from similar materials

Toxicity to daphnia and other : NOEC:  $> 0.1 - 1$  mg/l

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|  |   |
|--|---|
| aquatic invertebrates (Chronic toxicity) | Exposure time: 28 d                           |
|  | Remarks: Based on data from similar materials |

|                                     |     |
|-------------------------------------|-----|
| M-Factor (Chronic aquatic toxicity) | : 1 |
|-------------------------------------|-----|

|                            |                                     |
|----------------------------|-------------------------------------|
| Toxicity to microorganisms | : EC10 (activated sludge): 590 mg/l |
|                            | Exposure time: 3 h                  |
|                            | Method: OECD Test Guideline 209     |

**Thiomersal:**

|                  |   |
|------------------|---|
| Toxicity to fish | : LC50 (Poecilia reticulata (guppy)): > 0.01 - 0.1 mg/l |
|                  | Exposure time: 96 h                                     |
|                  | Remarks: Based on data from similar materials           |

|   |  |
|---|--|
| Toxicity to daphnia and other aquatic invertebrates | : EC50 (Daphnia magna (Water flea)): > 0.01 - 0.1 mg/l |
|   | Exposure time: 48 h                                    |
|   | Remarks: Based on data from similar materials          |

|                                  |   |
|----------------------------------|---|
| Toxicity to algae/aquatic plants | : EC50 (Pseudokirchneriella subcapitata (green algae)): > 0.01 - 0.1 mg/l |
|                                  | Exposure time: 96 h   |
|                                  | Remarks: Based on data from similar materials                             |

|                                   |      |
|-----------------------------------|------|
| M-Factor (Acute aquatic toxicity) | : 10 |
|-----------------------------------|------|

|  |  |
|--|--|
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : NOEC (Daphnia sp. (water flea)): > 0.001 - 0.01 mg/l |
|  | Exposure time: 21 d                                    |
|  | Remarks: Based on data from similar materials          |

|                                     |      |
|-------------------------------------|------|
| M-Factor (Chronic aquatic toxicity) | : 10 |
|-------------------------------------|------|

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**Section 13: Disposal considerations****Disposal methods**

|                        |   |
|------------------------|---|
| Waste from residues    | : Do not dispose of waste into sewer.<br>Dispose of in accordance with local regulations.   |
| Contaminated packaging | : Empty containers should be taken to an approved waste handling site for recycling or disposal.<br>If not otherwise specified: Dispose of as unused product. |

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**Section 14: Transport information****International Regulations****UNRTDG**

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable

**IATA-DGR**

UN/ID No. : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Packing instruction (cargo aircraft) : Not applicable  
Packing instruction (passenger aircraft) : Not applicable

**IMDG-Code**

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
EmS Code : Not applicable  
Marine pollutant : Not applicable

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations****NZS 5433**

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Hazchem Code : Not applicable

**Special precautions for user**

Not applicable

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**Section 15: Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****HSNO Approval Number**

HSR100757 Veterinary Medicines Limited Pack Size Finished Dose Group Standard

**HSW Controls**

Certified handler certificate not required.

Tracking hazardous substance not required.

Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, for further information.

**The components of this product are reported in the following inventories:**

AICS : not determined

DSL : not determined

IECSC : not determined

**Section 16: Other information**

Revision Date : 04.12.2023

**Further information**Sources of key data used to compile the Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Date format : dd.mm.yyyy

**Full text of other abbreviations**

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

NZ OEL : New Zealand. Workplace Exposure Standards for Atmospheric Contaminants

ACGIH / TWA : 8-hour, time-weighted average

ACGIH / STEL : Short-term exposure limit

NZ OEL / WES-TWA : Workplace Exposure Standard - Time Weighted average

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized Sys-

**Lamb Vaccine Selenised Formulation**

|         |                |                |                                 |
|---------|----------------|----------------|---------------------------------|
| Version | Revision Date: | SDS Number:    | Date of last issue: 30.09.2023  |
| 2.0     | 04.12.2023     | 11234646-00004 | Date of first issue: 14.06.2023 |

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tem; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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