

**PARTICULARS TO APPEAR ON THE OUTER PACKAGE**  
**Box containing a vial of 100 ml or 500 ml**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

MULTIMIN Solution for Injection for Cattle

**2. STATEMENT OF ACTIVE SUBSTANCES**

Each ml contains:

Zinc: 60 mg (equivalent to zinc oxide 74.68 mg)

Manganese: 10 mg (equivalent to manganese carbonate 20.92 mg)

Copper: 15 mg (equivalent to copper carbonate 26.09 mg)

Selenium: 5 mg (equivalent to sodium selenite 10.95 mg)

**3. PACKAGE SIZE**

100 ml

500 ml

**4. TARGET SPECIES**



**5. INDICATIONS**

**6. ROUTES OF ADMINISTRATION**

Strictly for subcutaneous use only. Do not administer intramuscularly.

Dosage:

Cattle - Up to 1 year: 1 ml per 50 kg

Cattle - From 1-2 years: 1 ml per 75 kg

Cattle - Over 2 years: 1 ml per 100 kg

Maximal volume per injection site: 7 ml.

**7. WITHDRAWAL PERIODS**

Withdrawal periods:

Meat and offal: 28 days.

Milk: zero hours.

**8. EXPIRY DATE**

Exp. {mm/yyyy}

Once broached, use within 28 days. Use by:...

## **9. SPECIAL STORAGE PRECAUTIONS**

### **10. THE WORDS “READ THE PACKAGE LEAFLET BEFORE USE”**

Read the package leaflet before use.

### **11. THE WORDS “FOR ANIMAL TREATMENT ONLY”**

For animal treatment only.

### **12. THE WORDS “KEEP OUT OF THE SIGHT AND REACH OF CHILDREN”**

Keep out of the sight and reach of children.

### **13. NAME OF THE MARKETING AUTHORISATION HOLDER**

Warburton Technology Limited

Local representative (GB):  
Virbac Ltd

Local representative (NI):  
Virbac Ireland

### **14. MARKETING AUTHORISATION NUMBERS**

Vm 42511/5000  
Vm 42511/3000

### **15. BATCH NUMBER**

Lot {number}

**PARTICULARS TO APPEAR ON THE IMMEDIATE PACKAGE**  
**Vial of 100 ml and 500 ml**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

MULTIMIN Solution for Injection for Cattle

**2. STATEMENT OF ACTIVE SUBSTANCES**

Each ml contains:

Zinc: 60 mg (equivalent to zinc oxide 74.68 mg)

Manganese: 10 mg (equivalent to manganese carbonate 20.92 mg)

Copper: 15 mg (equivalent to copper carbonate 26.09 mg)

Selenium: 5 mg (equivalent to sodium selenite 10.95 mg)

**3. TARGET SPECIES**



**4. ROUTES OF ADMINISTRATION**

Strictly for subcutaneous use only. Do not administer intramuscularly.

Dosage:

Cattle - Up to 1 year: 1 ml per 50 kg

Cattle - From 1-2 years: 1 ml per 75 kg

Cattle - Over 2 years: 1 ml per 100 kg

Maximal volume per injection site: 7 ml.

Read the package leaflet before use.

**5. WITHDRAWAL PERIODS**

Withdrawal periods:

Meat and offal: 28 days.

Milk: zero hours.

**6. EXPIRY DATE**

Exp. {mm/yyyy}

Once broached, use within 28 days. Use by:...

**7. SPECIAL STORAGE PRECAUTIONS**

**8. NAME OF THE MARKETING AUTHORISATION HOLDER**

Warburton Technology Limited

**9. BATCH NUMBER**

Lot {number}

**PARTICULARS TO APPEAR ON THE PACKAGE LEAFLET:**

**PACKAGE LEAFLET**

**1. Name of the veterinary medicinal product**

MULTIMIN Solution for Injection for Cattle

**2. Composition**

Each ml contains:

**Active substances:**

Zinc: 60 mg (equivalent to zinc oxide 74.68 mg)

Manganese: 10 mg (equivalent to manganese carbonate 20.92 mg)

Copper: 15 mg (equivalent to copper carbonate 26.09 mg)

Selenium: 5 mg (equivalent to sodium selenite 10.95 mg)

**Excipients:**

Benzyl alcohol (E1519) 10.4 mg

Clear blue solution.

**3. Target species**

Cattle.



**4. Indications for use**

Supply of trace minerals to correct concurrent clinical or subclinical deficiencies of selenium, copper, manganese and zinc which can arise during critical phases of the production or breeding life cycle.

**5. Contraindications**

Do not administer intramuscularly.

Do not use in cases of hypersensitivity to the active substances or to any of the excipients.

**6. Special warnings**

Special warnings:

None.

Special precautions for safe use in the target species:

Additional copper, zinc, manganese or selenium should not be administered at the same time.

Special precautions to be taken by the person administering the veterinary medicinal product to animals:

This veterinary medicinal product is HIGHLY concentrated in Selenium.

Due to a potential risk of Selenium toxicity, care should be taken when handling the veterinary medicinal product to avoid accidental self-injection.

The most common manifestations of accidental exposure to selenium in humans are gastrointestinal and neurological symptoms, such as nausea, vomiting, tenderness, fatigue and irritability.

When treating a large number of animals, a safe injection system should be used.

Do not work alone when using the veterinary medicinal product.

Ensure that animals are properly restrained, including those in the vicinity.

In case of accidental self-injection, SEEK MEDICAL ADVICE IMMEDIATELY and show the package leaflet or the label to the physician.

Wash hands after use.

Pregnancy and lactation:

Can be used during pregnancy and lactation.

Interaction with other medicinal products and other forms of interaction:

None known.

Overdose:

No systemic adverse reactions were observed after repeated overdosing (3 consecutive daily administrations) at one to three times the recommended dose (i.e. 3x-9x recommended dose).

In one study, repeated overdosing (3 consecutive daily administrations) at 5.6x the recommended dose (i.e., 16.7x recommended dose) is associated with elevation of liver enzymes and hepatic centrilobular necrosis in six animals out of eight, with mortality in one animal.

Major incompatibilities:

In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other veterinary medicinal products.

## 7. Adverse events

Cattle:

Very common (>1 animal / 10 animals treated):	Injection site swelling <sup>1</sup> Injection site induration <sup>2</sup>
Common (1 to 10 animals / 100 animals treated):	Injection site pain <sup>3</sup>

<sup>1</sup> Moderate to severe that can persist for approximately 7 days following injection.

<sup>2</sup> Estimated at less than 5 cm at palpation after 14 days following injection.

<sup>3</sup> Mild. Immediate upon injection. Can persist for up to eight hours after injection.

Reporting adverse events is important. It allows continuous safety monitoring of a product. If you notice any side effects, even those not already listed in this package leaflet, or you think that the medicine has not worked, please contact, in the first instance, your veterinarian. You can also report any adverse events to the marketing authorisation holder or its local representative using the contact details at the end of this leaflet, or via your national reporting system:

Website: <https://www.gov.uk/report-veterinary-medicine-problem/animal-reacts-medicine>

e-mail: [adverse.events@vmd.gov.uk](mailto:adverse.events@vmd.gov.uk)

## 8. Dosage for each species, routes and method of administration

Strictly for subcutaneous use only.

Dosage:

Cattle - Up to 1 year: 1 ml per 50 kg

Cattle - From 1-2 years: 1 ml per 75 kg

Cattle - Over 2 years: 1 ml per 100 kg

Schedule of administration:

To be administered as a single administration during, or in advance of, periods of stress in the production and breeding life cycle likely to result in concurrent clinical or subclinical deficiencies of the four trace minerals (for example, transport/shipping, calving, breeding).

Maximal volume per injection site: 7 ml.

## 9. Advice on correct administration

Use standard aseptic procedures during administration of injections.

Strict adherence to correct subcutaneous injection technique should be employed.

To ensure a correct dosage, body weight should be determined as accurately as possible.

The 500 ml vial can be broached a maximum of 90 times.

#### **10. Withdrawal periods**

Meat and offal: 28 days.

Milk: zero hours.

#### **11. Special storage precautions**

Keep out of the sight and reach of children.

This veterinary medicinal product does not require any special storage conditions.

Do not use this veterinary medicinal product after the expiry date which is stated on the label and the carton after Exp. The expiry date refers to the last day of that month.

When the container is broached (opened) for the first time, using the in-use shelf-life which is specified on this package leaflet, the date on which any veterinary medicinal product remaining in the carton should be discarded should be worked out. This discard date should be written in the space provided.

Shelf life after first opening the immediate packaging: 28 days.

#### **12. Special precautions for disposal**

Medicines should not be disposed of via wastewater or household waste.

Use take-back schemes for the disposal of any unused veterinary medicinal product or waste materials derived thereof in accordance with local requirements and with any applicable national collection systems. These measures should help to protect the environment.

Ask your veterinary surgeon or pharmacist how to dispose of medicines no longer required.

#### **13. Classification of veterinary medicinal products**

Veterinary medicinal product subject to prescription.

#### **14. MARKETING AUTHORISATION NUMBERS AND PACK SIZES**

Vm 42511/5000

Vm 42511/3000

##### Package sizes:

Cardboard box containing one vial of 100 ml.

Cardboard box containing one vial of 500 ml.

Not all pack sizes may be marketed.

## **15. PID LINK (Do not print heading)**

*[The following statement must be included where reference to the European Union Product Database is included on the product information. This statement is relevant to both UK(GB) and UK(NI) products:]*

Find more product information by searching for the 'Product Information Database' on [www.gov.uk](http://www.gov.uk).

## **16. Contact details**

Marketing authorisation holder and contact details to report suspected adverse events:

Warburton Technology Limited  
36 Fitzwilliam Square  
Dublin 2  
Ireland  
Email: [aereports@axiota.com](mailto:aereports@axiota.com)

Manufacturer responsible for batch release:

Laboratoires Biové  
Rue de Lorraine  
B.P. 45  
62510 Arques  
France

Local representatives and contact details to report suspected adverse events:

Northern Ireland: Virbac Ireland  
McInerney & Saunders  
38, Main Street  
Swords, Co Dublin  
K67E0A2  
Republic Of Ireland  
Tel: +44 (0)-1359 243243

Local representatives and contact details to report suspected adverse events:

Great Britain: Virbac Ltd  
Suffolk, IP30 9UP – UK  
Tel: +44 (0)-1359 243243

For any information about this veterinary medicinal product, please contact the local representative of the marketing authorisation holder.

## **17. Other information**

POM-V

Approved 09 December 2025

*Gavin Hall*