

## **PARTICULARS TO APPEAR ON THE OUTER PACKAGE**

**1x10 ml, 10x10 ml, 1x50 ml, 1x100 ml/ cardboard box  
10x10 ml / covered plastic box with 10 cavities**

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

BOVALTO Respi 4 suspension for injection

### **2. STATEMENT OF ACTIVE AND OTHER SUBSTANCES**

#### **1 dose (2ml):**

Inactivated bovine respiratory syncytial virus, strain BIO-24 RP\*  $\geq$  1

Inactivated bovine parainfluenza 3 virus, strain BIO-23 RP\*  $\geq$  1

Inactivated bovine viral diarrhoea virus, strain BIO-25 RP\*  $\geq$  1

Inactivated *Mannheimia haemolytica*, serotype A1 strain DSM 5283 RP\*  $\geq$  1

\* Relative potency

### **3. PACKAGE SIZE**

1x10 ml

10x10 ml

1x50 ml

1x100 ml

### **4. TARGET SPECIES**

Cattle.



### **5. INDICATIONS**

### **6. ROUTES OF ADMINISTRATION**

Subcutaneous use.

### **7. WITHDRAWAL PERIODS**

Withdrawal period: Zero days.

### **8. EXPIRY DATE**

Exp. {mm/yyyy}

Once opened use within 10 hours.

### **9. SPECIAL STORAGE PRECAUTIONS**

Store and transport refrigerated.

Do not freeze.

Protect from light.

### **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**

Boehringer Ingelheim Animal Health UK Limited

**14. MARKETING AUTHORISATION NUMBERS**

Vm 08327/5011

**15. BATCH NUMBER**

Lot {number}

**16. SPECIAL WARNING(S), IF NECESSARY**

**17. SPECIFIC PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY**

Disposal: Read package leaflet.

**18. CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE IF APPLICABLE**

POM-V ('Veterinary medicinal product subject to prescription')
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## **PARTICULARS TO APPEAR ON THE IMMEDIATE PACKAGE**

**100 ml bottle**

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

BOVALTO Respi 4 suspension for injection

### **2. STATEMENT OF ACTIVE AND OTHER SUBSTANCES**

#### **1 dose (2 ml):**

Inactivated bovine respiratory syncytial virus, strain BIO-24 RP\*  $\geq$  1

Inactivated bovine parainfluenza 3 virus, strain BIO-23 RP\*  $\geq$  1

Inactivated bovine viral diarrhoea virus, strain BIO-25 RP\*  $\geq$  1

Inactivated *Mannheimia haemolytica*, serotype A1 strain DSM 5283 RP\*  $\geq$  1

\* Relative potency

100 ml

### **3. TARGET SPECIES**

Cattle



### **4. ROUTES OF ADMINISTRATION**

Subcutaneous use.

Read the package leaflet before use.

### **5. WITHDRAWAL PERIODS**

Withdrawal period: Zero days.

### **6. EXPIRY DATE**

Exp. {mm/yyyy}

Once opened use within 10 hours.

### **7. SPECIAL STORAGE PRECAUTIONS**

Store and transport refrigerated.

Do not freeze.

Protect from light.

Keep the bottle in the outer carton.

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

Boehringer Ingelheim Animal Health UK Limited

### **9. BATCH NUMBER**

Lot {number}

### **10. SPECIAL WARNING(S), IF NECESSARY**

### **11. SPECIFIC PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY**

Disposal: Read package leaflet.

**12. THE WORDS “FOR ANIMAL TREATMENT ONLY” AND CONDITIONS OR  
RESTRICTIONS REGARDING SUPPLY AND USE IF APPLICABLE**

For animal treatment only.

POM-V (‘Veterinary medicinal product subject to prescription’)

**MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING  
UNITS**

**Bottle: 10 ml, 50 ml**

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

BOVALTO Respi 4



**2. QUALITATIVE AND QUANTITATIVE PARTICULARS OF THE ACTIVE  
SUBSTANCE(S)**

10 ml

50 ml

**3. BATCH NUMBER**

Lot {number}

**4. EXPIRY DATE**

Exp. {mm/yyyy}

Once opened use within 10 hours.

**5. ROUTE(S) OF ADMINISTRATION**

**6. THE WORDS “FOR ANIMAL TREATMENT ONLY”**

For animal treatment only.

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

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

BOVALTO Respi 4 suspension for injection

**2. COMPOSITION**

One dose (2 ml) contains:

**Active substances:**

Inactivated bovine respiratory syncytial virus, strain BIO-24 .....RP\*  $\geq$  1  
Inactivated bovine parainfluenza 3 virus, strain BIO-23.....RP\*  $\geq$  1  
Inactivated bovine viral diarrhoea virus, strain BIO-25.....RP\*  $\geq$  1  
Inactivated *Mannheimia haemolytica*, serotype A1 strain DSM 5283.....RP\*  $\geq$  1

\* RP = Relative potency in comparison with the reference serum obtained after vaccination of guinea pigs with a vaccine batch that has successfully passed the challenge test in the target animals.

**Adjuvants:**

Aluminium hydroxide .....8.0 mg  
Quillaja saponin (Quil A) .....0.4 mg

**Excipients:**

Thiomersal .....0.2 mg  
Formaldehyde .....1.0 mg at most.

Appearance: pinkish liquid with sediment.

**3. TARGET SPECIES**

Cattle.

**4. INDICATIONS FOR USE**

For active immunisation of cattle in the absence of maternally derived antibodies against:

- parainfluenza 3 virus, to reduce virus excretion due to infection,
- bovine respiratory syncytial virus, to reduce virus excretion due to infection,
- bovine viral diarrhoea virus, to reduce virus excretion due to infection,
- *Mannheimia haemolytica* serotype A1, to reduce clinical signs and lung lesions.

Onset of immunity: 3 weeks.

Duration of immunity: 6 months.

**5. CONTRAINDICATIONS**

None.

**6. SPECIAL WARNINGS**

Special warnings:

Vaccinate healthy animals only.

Special precautions for safe use in the target species:

Safety and efficacy studies were performed in sero-negative calves. The efficacy of the vaccination by challenge has not been demonstrated in presence of antibodies. The level of antibody responses may be reduced by the presence of maternal antibodies. In the presence of maternal antibodies, timing of initial vaccination of calves should be planned accordingly.

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

In case of accidental self-injection, seek medical advice immediately and show the package leaflet or the label to the physician.

Pregnancy and lactation:

Can be used during pregnancy and lactation.

Interaction with other medicinal products and other forms of interaction:

No information is available on the safety and efficacy of this vaccine when used with any other veterinary medicinal product. A decision to use this vaccine before or after any other veterinary medicinal product therefore needs to be made on a case-by-case basis.

Overdose:

No adverse events except those mentioned under section 'Adverse events' were observed after the administration of a 2-fold overdose.

Major incompatibilities:

Do not mix with any other veterinary medicinal product.

## 7. ADVERSE EVENTS

Cattle:

**Very common (>1 animal / 10 animals treated):**

Injection site swelling\*

**Common (1 to 10 animals / 100 animals treated):**

Hyperthermia\*\*

**Very rare (<1 animal / 10,000 animals treated, including isolated reports):**

Anaphylactic-type reactions\*\*\*

Injection site pain\*\*\*\*

\*This swelling could reach up to 10 cm or more in diameter and may be associated with pain, and usually progressively reduces and disappears within 6 weeks after vaccination).

\*\*Transient and slight, higher after the second injection (1.5°C at most) lasting up to 3 days after vaccination.

\*\*\* Appropriate symptomatic treatment should be administered.

\*\*\*\* Associated with injection site swelling.

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 the local representative of the marketing authorisation holder using the contact details at the end of this leaflet, or via your national reporting system.

## **8. DOSAGE FOR EACH SPECIES, ROUTES AND METHOD OF ADMINISTRATION**

Subcutaneous use.

Dose: 2 ml administered subcutaneously.

### Primary vaccination:

Calves from non-immune dams: two doses three weeks apart from 2 weeks of age.

For calves from immune dams or where the immune status of the dam is unknown, the vaccination scheme should be adapted at the discretion of the veterinarian to take into account potential interference of maternally derived antibodies with the response to vaccination.

### Revaccination:

Administer one dose six months after completion of the primary vaccination scheme.

The efficacy of revaccination was demonstrated by measurement of the serological response and has not been assessed by challenge.

## **9. ADVICE ON CORRECT ADMINISTRATION**

Warm before use to a temperature of 15 °C to 25 °C and shake the contents of the bottle.

## **10. WITHDRAWAL PERIODS**

Zero days.

## **11. SPECIAL STORAGE PRECAUTIONS**

Keep out of the sight and reach of children.

Store and transport refrigerated (2 °C – 8 °C).

Do not freeze.

Protect from light.

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

Shelf life after first opening the immediate packaging: 10 hours.

## **12. SPECIAL PRECAUTIONS FOR DISPOSAL**

Ask your veterinary surgeon how to dispose of medicines no longer required. These measures should help to protect the environment.



### 13. CLASSIFICATION OF VETERINARY MEDICINAL PRODUCTS

Veterinary medicinal product subject to prescription.

### 14. MARKETING AUTHORISATION NUMBERS AND PACK SIZES

Pack sizes:

1 x 10 ml, 10 x 10 ml

1 x 50 ml, 1 x 100 ml

Not all pack sizes may be marketed.

Vm 08327/5011

### 15. DATE ON WHICH THE PACKAGE LEAFLET WAS LAST REVISED

July 2023

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

### 16. CONTACT DETAILS

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

Boehringer Ingelheim Animal Health UK Limited  
Ellesfield Avenue  
Bracknell  
Berkshire  
RG12 8YS  
United Kingdom

Manufacturer responsible for batch release:

Bioveta, a. s., Komenského 212, 683 23 Ivanovice na Hané, Czech Republic

### 17. OTHER INFORMATION

The vaccine is filled in Type I (for 10 ml) or Type II glass bottles (for 50 and 100 ml) and plastic bottles (for 10, 50 or 100 ml) compliant with Ph. Eur., closed with a chlorobutyl elastomer closure and secured with an aluminium cap.

For animal treatment only.

POM-V ('Veterinary medicinal product subject to



Approved: 11 August 2023