

## **SUMMARY OF PRODUCT CHARACTERISTICS**

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

Ubroseal blue Dry Cow 2.6 g intramammary suspension for cattle

### **2. QUALITATIVE AND QUANTITATIVE COMPOSITION**

Each 4 g intramammary syringe contains:

#### **Active substance:**

Bismuth subnitrate, heavy                      2.6 g

#### **Excipients:**

Indigo Carmine AL Lake E 132            0.02 g

For the full list of excipients, see section 6.1.

### **3. PHARMACEUTICAL FORM**

Intramammary suspension  
Blue suspension

### **4. CLINICAL PARTICULARS**

#### **4.1 Target species**

Cattle (dairy cows at drying off).

#### **4.2 Indications for use, specifying the target species**

Prevention of new intramammary infections throughout the dry period.

In cows considered likely to be free of sub-clinical mastitis, the veterinary medicinal product can be used on its own in dry cow management and mastitis control.

Selection of cows for treatment with the veterinary medicinal product should be based on veterinary clinical judgement. Selection criteria may be based on the mastitis and cell count history of individual cows, or recognised tests for the detection of sub-clinical mastitis or bacteriological sampling.

#### **4.3 Contraindications**

Do not use in lactating cows. See section 4.7. Do not use the veterinary medicinal product alone in cows with sub-clinical mastitis at drying off. Do not use in cows with clinical mastitis at drying off.  
Do not use in cases of hypersensitivity to the active substance or to any of the excipients.

#### 4.4 Special warnings for each target species

None.

#### 4.5 Special precautions for use

##### i). Special precautions for use in animals

It is good practice to observe dry cows regularly for signs of clinical mastitis. If a sealed quarter develops clinical mastitis, the affected quarter should be stripped out manually before appropriate therapy is instituted. To reduce the risk of contamination, do not immerse the syringe in water. Use the syringe only once. It is important to observe strict aseptic technique for the administration of the veterinary medicinal product because the veterinary medicinal product does not have antimicrobial activity. Do not administer any other intramammary veterinary medicinal product following administration of this veterinary medicinal product. In cows that may have sub-clinical mastitis, the veterinary medicinal product may be used following administration of a suitable dry cow antibiotic treatment to the infected quarter.

##### ii). Special precautions to be taken by the person administering the veterinary medicinal product to animals

Wash hands after use.

The disinfecting towels provided with the intramammary veterinary medicinal product contain isopropyl alcohol. Wear protective gloves if skin irritation due to isopropyl alcohol is known or suspected. Avoid contact with eyes because isopropyl alcohol can cause eye irritation.

##### Special precautions for the protection of the environment:

Not applicable.

##### iii). Other precautions:

Not applicable.

#### 4.6 Adverse reactions (frequency and seriousness)

Cattle (dairy cow at dry-off):

Very rare (<1 animal / 10,000 animals treated, including isolated reports):	Acute mastitis <sup>1</sup>
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<sup>1</sup>primarily due to poor infusion technique and lack of hygiene. Please refer to sections 4.5 and 4.9 regarding the importance of aseptic technique.

Reporting adverse events is important. It allows continuous safety monitoring of a veterinary medicinal product. Reports should be sent, preferably via a veterinarian, to either the marketing authorisation holder or its local representative or the national competent authority via the national reporting system. See the package leaflet for respective contact details.

#### **4.7 Use during pregnancy, lactation or lay**

##### Pregnancy:

Can be used during pregnancy. At calving, the seal may be ingested by the calf. Ingestion of the veterinary medicinal product by the calf is safe and produces no adverse effects.

##### Lactation:

This veterinary medicinal product is contra-indicated for use during lactation. If accidentally used in a lactating cow, a small (up to 2-fold) transient rise in somatic cell count may be observed. In such an event, strip out the seal manually, no additional precautions are necessary.

#### **4.8 Interaction with other products and other forms of interaction**

None known.

#### **4.9 Amount(s) to be administered and administration route**

For intramammary use only.

Infuse the contents of one syringe of the veterinary medicinal product into each udder quarter immediately after the last milking of the lactation (at drying off). Do not massage the teat or udder after infusion of the veterinary medicinal product.

Care must be taken not to introduce pathogens into the teat in order to reduce the risk of post-infusion mastitis.

It is essential that the teat is thoroughly cleaned and disinfected, with surgical spirit or alcohol-impregnated disinfecting towels. The teats should be wiped until the disinfecting towels are no longer visibly dirty. Teats should be allowed to dry prior to infusion. Infuse aseptically and take care to avoid contamination of the syringe nozzle. Following infusion it is advisable to use an appropriate teat dip or spray.

Under cold conditions the veterinary medicinal product may be warmed to room temperature in a warm environment to aid syringeability.

#### **4.10 Overdose (symptoms, emergency procedures, antidotes), if necessary**

Twice the recommended dose has been administered to cows with no clinical adverse effects.

#### **4.11 Withdrawal periods**

Meat and offal: Zero days.

Milk: Zero hours.

### **5. PHARMACOLOGICAL PROPERTIES**

**Pharmacotherapeutic group:** Various products for teats and udder  
**ATCvet Code:** QG52X

## **5.1 Pharmacodynamic properties**

Infusion of the veterinary medicinal product into each udder quarter produces a physical barrier against the entry of bacteria thereby reducing the incidence of new intramammary infections during the dry period.

## **5.2 Pharmacokinetic particulars**

Bismuth subnitrate is not absorbed from the mammary gland but resides as a seal in the teat until physically removed (shown in cows with a dry period up to 100 days).

# **6. PHARMACEUTICAL PARTICULARS**

## **6.1 List of excipients**

Paraffin, liquid  
Aluminium Di Tri Stearate  
Silica, colloidal anhydrous  
Indigo Carmine AL Lake E 132

## **6.2 Major Incompatibilities**

Not applicable.

## **6.3 Shelf life**

Shelf life of the veterinary medicinal product as packaged for sale: 3 years.

## **6.4 Special precautions for storage**

Do not store above 25 °C.  
Protect from light.

## **6.5 Nature and composition of immediate packaging**

A 4g polyethylene intramammary syringe consisting of a barrel with plunger and a polyethylene dual-cap.  
Cardboard box of 20 syringes and 20 disinfecting towels.  
Polyethylene bucket of 60 syringes and 60 disinfecting towels.  
Polyethylene bucket of 120 syringes and 120 disinfecting towels.

Not all pack sizes may be marketed.

## **6.6 Special precautions for the disposal of unused veterinary medicinal products or waste materials derived from the use of such products**

Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal product should be disposed of in accordance with local requirements.

Medicines should not be disposed of via wastewater.

**7. MARKETING AUTHORISATION HOLDER**

Univet Ltd  
Tullyvin  
Cootehill  
Co. Cavan  
Ireland

**8. MARKETING AUTHORISATION NUMBER(S)**

Vm 05150/5000

**9. DATE OF FIRST AUTHORISATION**

08 February 2018

**10. DATE OF REVISION OF THE TEXT**

October 2023

**PROHIBITION OF SALE, SUPPLY AND/OR USE**

Not applicable.

*Gavin Hall*

Approved 20 July 2024