

## **SUMMARY OF PRODUCT CHARACTERISTICS**

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

Blockade 2.5 mg/g iodine teat dip solution

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

#### **Active substance:**

Available iodine 2.5 mg/g

Equivalent to 12.8 mg per 5 ml dose

#### **Excipients:**

<b>Qualitative composition of excipients and other constituents</b>
Citric acid monohydrate
Glycerol
Sodium iodate
Sodium chloride
Sodium hydroxide 29%
Sorbitol solution 70%
Xanthan Gum
Sodium iodide
Poloxamer 335
Povidone K30
Purified water

Viscous red-brown liquid.

### **3. CLINICAL INFORMATION**

#### **3.1 Target species**

Cattle (Dairy cows).

#### **3.2 Indications for use for each target species**

Teat disinfection as an aid in the prevention of mastitis.

#### **3.3 Contraindications**

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

### **3.4 Special warnings**

None.

### **3.5 Special precautions for use**

#### Special precautions for safe use in the target species:

For external use only.

The use in injured teats may delay wound healing process. It is recommended to discontinue the treatment until the teats are cured.

Allow the product to dry before the cows are exposed to wet (rainy), cold or windy weather conditions

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

People with known hypersensitivity to iodine or to any of the excipients should avoid contact with this product. If you develop symptoms following exposure, such as skin rash you should seek medical advice and show the combined package leaflet and label to the physician.

Avoid ingesting the product. In case of accidental ingestion seek medical advice immediately and show the combined package leaflet and label to the physician.

Do not eat, drink or smoke while using the product. This product might be mildly irritating to skin and eyes. Avoid contact with skin and eyes when administering the product. If the product comes into contact with the eyes, rinse immediately with plenty of water.

Wash hands after use.

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

Not applicable.

### **3.6 Adverse events**

None known.

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 the national competent authority via the national reporting system.

See the label for respective contact details.

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

Pregnancy and lactation: Can be used during pregnancy and lactation

### **3.8 Interaction with other medicinal products and other forms of interaction**

None known.

### **3.9 Administration routes and dosage**

Dip each teat of the cow immediately after each milking in a dip cup containing undiluted product. Ensure that the teat is covered to three quarters of length and replenish the dip cup as necessary. Always clean the dip cup after its use. Dosage: 5 ml per cow per treatment.

### **3.10 Symptoms of overdose (and where applicable, emergency procedures and antidotes)**

Not applicable, product is for topical application, significant absorption does not occur.

### **3.11 Special restrictions for use and special conditions for use, including restrictions on the use of antimicrobial and antiparasitic veterinary medicinal products in order to limit the risk of development of resistance**

Not applicable.

### **3.12 Withdrawal periods**

Meat and offal: Zero days.

Milk: Zero hours.

## **4. PHARMACOLOGICAL INFORMATION**

### **4.1 ATCvet code:**

QD08AG03

### **4.2 Pharmacodynamics**

The veterinary medicinal product is an antiseptic. The active form of this product is the free (molecular) iodine. Iodine solutions have a wide spectrum of activity against most bacteria species, spores of *Bacillus* and *Clostridium* and viruses. The mechanism of kill appears to be due to an oxidative-reductive reaction, involving various cell wall constituents, which are irreversibly transformed. It appears sulfhydryl linkages, in bacteria cell wall components, are specifically targeted by the iodine.

The veterinary medicinal product is bactericidal (EN 1040 and EN 1656) against:

*Pseudomonas aeruginosa*  
*Staphylococcus aureus*  
*Enterococcus hirae*  
*Proteus vulgaris*

### **4.3 Pharmacokinetics**

The absorption of iodine through the intact skin is very low.

## **5. PHARMACEUTICAL PARTICULARS**

### **5.1 Major incompatibilities**

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

### **5.2 Shelf life**

Shelf life of the veterinary medicinal product as packaged for sale: 1 year.  
Shelf life after first opening the immediate packaging: 1 year.

### **5.3 Special precautions for storage**

Store upright and tightly closed in the original container.  
Protect from frost.  
If product has frozen, thaw in a warm room and shake well before using.  
Protect from light.  
Do not store above 30 °C.

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

A dark liquid contained in 5, 10, 20, 60 or 200 litres, grey high-density polyethylene drums with screw closures and seals. Not all pack sizes may be marketed.

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

Medicines should not be disposed of via wastewater.  
The product should not enter water courses as iodine may be dangerous for fish and other aquatic organisms. 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 national collection systems applicable to the product concerned. The 200 litre container should not be returned for refilling.

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

DeLaval NV

## **7. MARKETING AUTHORISATION NUMBER**

Vm 17140/5000

## **8. DATE OF FIRST AUTHORISATION**

25 September 2001

**9. DATE OF THE LAST REVISION OF THE SUMMARY OF THE PRODUCT CHARACTERISTICS**

August 2024

**10. CLASSIFICATION OF VETERINARY MEDICINAL PRODUCT**

Veterinary medicinal product not subject to prescription.

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

*Gavin Hall*  
Approved: 23 December 2024