

## **SUMMARY OF PRODUCT CHARACTERISTICS**

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

Countdown 1:4 2.72% w/v Concentrate for Teat Dip and Teat Spray Solution.

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

<u>Qualitative composition</u>	<u>Quantitative composition</u>
<u>Active Substance</u>	
Iodine (as F309A intermediate)	2.72% w/v (29.56)% w/v
<u>Other Relevant Constituents</u>	
Glycerol	42.50% w/v
Sorbitol	2.50% w/v

For a list of full excipients see 6.1.

### **3. PHARMACEUTICAL FORM**

Concentrate for Teat Dip and Teat Spray Solution.  
Dark brown aqueous liquid.

### **4. CLINICAL PARTICULARS**

#### **4.1 Target species**

Dairy cows.

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

To be applied diluted by dipping or spraying to dairy cows' teats immediately after milking, as an aid in the control of mastitis in lactating dairy cows, and as an aid in the prevention and healing of cracked and chapped teats.

#### **4.3 Contraindications**

None identified.

#### **4.4 Special warnings for each target species**

None known

#### 4.5 Special precautions for use

##### For external use only.

- i. Special precautions for use in animals  
Teat dip cups should be emptied after milking and washed before re-use.  
Wash and dry udders and teats before next milking.
- ii. Special precautions for the person administering the veterinary medicinal product to animals

**CONCENTRATE** The following safety phrases relate to the concentrated product only, and do not apply once the product is diluted to the working solution:

Risk of serious damage to eyes. Wear eye/face protection when preparing the dip or spray.

##### **DILUTED WORKING SOLUTION**

When using as a spray, avoid working in spray mist.

Avoid contact with eyes, in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed, seek medical advice immediately and show this container or label.

Hands and exposed skin should be washed after using this product.

Do not eat drink or smoke while using this product.

Keep away from food, drink and animal feedstuffs.

- iii. Other precautions  
None.

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

The product may cause an allergic reaction in some animals. In the rare case of a suspected or proven allergy in the herd, it is recommended to change to a non-iodine teat disinfectant.

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

The product is safe to use on pregnant and lactating cows.

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

Not to be used in conjunction with any other teat dip product.

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

Teat dipping: Mix 1 part product with 4 parts of water. Fill teat dipping cup about two thirds full with the solution and dip the teats immediately after each cow is milked. Top up the cup with fresh solution if necessary.

Teat spraying: Mix 1 part product to 4 parts water. Immediately after milking, spray the entire surface of each teat with the solution. Prepare a fresh solution of the diluted product daily before dipping or spraying. Teat dip cups should be emptied after milking and washed before re-use. Wash and dry udders and teats before next milking.

Udder Washing and cluster dipping: Mix 1 part product with 400 parts water.

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

Not applicable.

#### **4.11 Withdrawal period(s)**

Milk: Zero hours

Meat: Zero days

### **5. PHARMACOLOGICAL PROPERTIES**

**Pharmacotherapeutic group:**

**ATC Vet Code:**

QD 08AG03

#### **5.1 Pharmacodynamic properties**

Iodine has a powerful broad spectrum bactericidal action and is used for disinfecting unbroken skin before operation. It is also active against fungi, viruses, protozoa, cysts and spores. It is generally employed as a disinfectant for human skin application as a 2% or 2.5% solution of iodine . The germicidal activity is reduced in the presence of organic matter although the reduction is reported to be less than that observed with other halogen disinfectants.

Iodophors (such as the product) as teat disinfectants have a strong activity against a wide range of bacteria.

#### **5.2 Pharmacokinetic properties**

Absorption:

When taken by mouth, iodine preparations (which are converted to iodide) and iodides are trapped by the thyroid gland. Iodine is slightly absorbed when applied to the skin. Solutions of iodine applied to the skin should not be covered with occlusive dressings.

Distribution and Elimination:

Iodides not taken up by the thyroid are excreted mainly in the urine, with smaller amounts appearing in the faeces, saliva and sweat. They cross the placenta and are excreted in breast milk.

## **6. PHARMACEUTICAL PARTICULARS**

### **6.1 List of excipients**

Glycerol  
Sorbitol  
Alcohol (C13C15) 11 Mole Ethoxylate  
Sodium Hydroxide  
Hydriodic Acid  
Sodium Sulphate  
Water Potable

### **6.2 Incompatibilities**

1. Hypochlorite solutions and other oxidising agents
2. Phenolic/Soap/Pine oil disinfectants
3. Chlorhexidine teat disinfectants
4. Alkaline soaps and detergents

### **6.3 Shelf life**

Shelf life of the veterinary medicinal product as packaged for sale: 2 years.

### **6.4 Special precautions for storage**

Do not store above 25°C.  
Store in tightly closed original container.  
Protect from frost.  
Store diluted product only in plastic or glass containers.  
Prepare product preparations daily.  
If contents freeze they must be thawed and thoroughly mixed before use.  
Protect from light

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

\* 200 litre, 60 litre opaque, white, blue, grey, green or colourless high density polyethylene drum with polypropylene co-polymer bung (2 bungs on 200 litre).

25 litre, 5 litre opaque, white, blue, grey, green or colourless high density polyethylene drum with high density polyethylene screw fit cap (tamper evident on 25 litres).

20L ECO II High density polyethylene 20 litre drum fitted with polyethylene screw cap (tamper-evident)

\*The 200 litre containers should not be returned for re-filling

Not all pack sizes may be marketed.

**6.6 Special precautions for the disposal of unused veterinary medicinal product or waste materials derived from the use of such products, if appropriate**

Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal products should be disposed of in accordance with local requirements. To dispose of unused product to land you must have an authorisation under the Groundwater Regulations 1998.

Harmful to fish and aquatic life. Do not contaminate ponds, waterways or ditches with the product or empty container.

**7. MARKETING AUTHORISATION HOLDER**

Evans Vanodine International Plc  
Brierley Road  
Walton Summit  
Preston  
Lancashire  
PR5 8AH

**8. MARKETING AUTHORISATION NUMBER**

Vm 03940/4063

**9. DATE OF FIRST AUTHORISATION**

02 February 2000

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

April 2018

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the end.

Approved 05 April 2018