

## **SUMMARY OF PRODUCT CHARACTERISTICS**

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

Countdown HE 0.535% w/v Ready To Use Teat Dip and Teat Spray Solution

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

#### Qualitative composition

#### Quantitative composition

#### **Active Substance(s)**

#### **% w/v**

Iodine

0.535

(as F309A intermediate)

#### **Other Relevant Constituents**

Glycerol

9.000

Sorbitol

1.000

For full list of excipients, see 6.1.

### **3. PHARMACEUTICAL FORM**

Teat Dip/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 undiluted, 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.

#### **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.
- ii. Special precautions for the person administering the veterinary medicinal product to animals.

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 the product.

Keep away from food, drink and animal feedstuffs.

- iii Other precautions

None.

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

Iodophor teat disinfectants can be regarded as safe for the dairy cow when used as recommended. At the concentrations used for post milking teat sanitation (5000 ppm) their local and resorptive tolerance is good. In the rare case of a suspected proven allergy in the herd, it is recommended to change to an 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 - Fill teat dipping cup about two thirds full and dip the teats immediately after each cow is milked. Top up the cup with dip if necessary. Teat dip cups should be emptied and washed before re-use.

Teat spraying - Immediately after milking, spray the entire surface of each teat with the solution.

Udder washing and cluster dipping - Use in the proportion of 1 part dip to 80 parts of water, i.e. 125 mls in 10 litres or 2 fl.oz. in 1 gallon. Udder cloths should be allowed to soak in the solution. The use of separate udder cloths for each cow, or disposable paper towels is strongly recommended. Teat clusters should be immersed and agitated for at least 30 seconds. Rinse in

clean water before use.

Wash and dry udder and teats before next milking

**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:** Antiseptics and disinfectants, Iodine products

**ATC Vet Code:** QD08AG03

**5.1 Pharmacodynamic properties**

Iodine has a powerful 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 as teat disinfectants have a wide range of activity against mastitis causing bacteria.

**5.2 Pharmacokinetic properties**

Absorption:

When taken by mouth, iodine preparations (which are converted to iodide) and iodides are absorbed throughout the gastro-intestinal tract in man but mainly from the rumen in cattle. It accumulates in the thyroid gland and concentrates in gastric and salivary secretions. 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 are excreted mainly in the urine, with smaller amounts appearing in the faeces, saliva and milk.

## **6. PHARMACEUTICAL PARTICULARS**

### **6.1 List of excipients**

Glycerol  
Sorbitol  
Alcohol (C<sub>13</sub> C<sub>15</sub> ) 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**

Store in tightly closed original container. Do not store above 25°C. Protect from frost. If contents freeze they must be thawed and thoroughly mixed before use.

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

Natural 1000\* litre natural UN approved high density intermediate bulk container (IBC) with tap.  
Ensure that all equipment and containers used for decanting not more than enough product for use that day, are fit for purpose, clean, emptied after use and washed before use.

\* 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).

\*The 200 and 1000 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  
PR5 8AH  
ENGLAND

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

**Vm** 03940/4013

**9. DATE OF FIRST AUTHORISATION**

6<sup>th</sup> January 1997

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

Date: March 2010