

## BOTTLE LABEL

**DFV DOXIVET 200 mg/ml,  
solution for use in drinking water for pigs and chickens.**

### **1. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER AND OF THE MANUFACTURING AUTHORISATION HOLDER RESPONSIBLE FOR BATCH RELEASE, IF DIFFERENT**

Marketing authorisation holder and manufacturer for the batch release:

DIVASA-FARMAVIC S.A.  
Ctra. Sant Hipòlit, km 71  
08503 Gurb-Vic  
Barcelona (Spain)

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

DFV DOXIVET 200 mg/ml, solution for use in drinking water for pigs and chickens.  
(*Doxycycline as Doxycycline hyclate*)

### **3. STATEMENT OF THE ACTIVE SUBSTANCE AND OTHER INGREDIENTS**

1 ml of solution for use in drinking water contains 230 mg of doxycycline hyclate (equivalent to 200 mg of doxycycline). Clear yellow-brown solution.

### **4. INDICATIONS**

Pigs: For the treatment of the clinical signs associated with porcine respiratory disease caused by *Actinobacillus pleuropneumoniae*, *Pasteurella multocida*, and *Mycoplasma hyopneumoniae* susceptible to doxycycline.  
Chickens: Where clinical disease is present in the flock, to reduce mortality, morbidity, and clinical signs and to reduce lesions due to Pasteurellosis caused by *Pasteurella multocida* or to reduce morbidity and lesions in respiratory infections caused by *Ornithobacterium rhinotracheale* (ORT).

### **5. CONTRAINDICATIONS**

Do not use in case of hypersensitivity to the active substance or to any of the excipients.  
Do not use in animals with an impaired liver function.

### **6. ADVERSE REACTIONS**

Tetracyclines may - in very rare cases (less than 1 animal in 10,000, including isolated reports).- induce photosensitivity and allergic reactions. If suspected adverse reactions occur, treatment should be discontinued. If you notice any serious effects or other effects not mentioned in this leaflet, please inform your veterinary surgeon

## 7. TARGET SPECIES

Pigs and chickens (broiler, pullet, breeder).

## 8. DOSAGE FOR EACH SPECIES, ROUTE(S) AND METHOD OF ADMINISTRATION

Administration orally with the drinking water.

The recommended dose in pigs is: 12.5 mg doxycycline hyclate (0.054 ml product) per kg body weight per day for 4 consecutive days. If no improvement in clinical signs is seen within this time, the diagnosis should be reviewed and treatment changed. In case of severe infections the medication period may be prolonged for a maximum of 8 consecutive days as determined by the attending veterinary surgeon.

The recommended dose in chickens is: 10 mg doxycycline hyclate (0.043 ml product) per kg body weight per day for 3-4 consecutive days in case of infections caused by *P. multocida* and 20 mg doxycycline hyclate (0.087 ml product) per kg body weight per day for 3-4 consecutive days in case of infections caused by *O. rhinotracheale*.

Based on the dose to be used, and the number and weight of the animals to be treated, the exact daily amount of product can be calculated. The following formula can be used to calculate the concentration of the product in drinking water:

$$\frac{\text{..... ml product/ kg body weight / day} \times \text{mean body weight (kg) of animals to be treated}}{\text{mean daily water consumption (l) per animal at the previous day}} = \text{.... ml product per l drinking water}$$

To ensure a correct dosage body weight should be determined as accurately as possible. The uptake of medicated drinking water depends on the clinical condition of the animals. In order to obtain the correct dosage the concentration of doxycycline has to be adjusted accordingly. The use of suitably calibrated equipment is recommended if part containers are used. The daily amount is to be added to the drinking water such that all medication will be consumed in 24 hours. Medicated drinking water should be refreshed or replaced every 24 hours. Solubility of the product is pH dependent and it may precipitate if it is mixed in hard alkaline drinking water. During the treatment period animals should not have access to other water sources than the medicated water.

Weight can also be used to measure the product quantity to be added in drinking water. In this case the density correction should be used, according to the following formula:

$$\text{Amount to be added in drinking water (g/L)} = \frac{\text{amount to be added in drinking water (ml/L)} \times 1.075 \text{ (g/ml)}}{1}$$

## 9. ADVICE ON CORRECT ADMINISTRATION

## 10. WITHDRAWAL PERIOD

### Pigs:

- Meat and offal: 4 days

### Chickens

- Meat and offal: 3 days, following a dose rate of 10 mg/kg body weight for 4 days.
- Meat and offal: 12 days, following a dose rate of 20 mg/kg body weight for 4 days.
- Eggs: Not authorised for use in laying birds producing eggs for human consumption.  
Do not use within 4 weeks of onset of the laying period

## 11. SPECIAL STORAGE PRECAUTIONS

Keep out of the sight and reach of children.

This veterinary medicinal product does not require any special storage conditions.

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: 6 months.

Shelf-life after dilution or reconstitution according to directions: 24 hours after dilution in drinking water.

EXP {month/year}

Once broached, use by: ...

## 12. SPECIAL WARNINGS

### **Special precautions for use in animals**

Due to likely variability (time, geographical) in susceptibility of bacteria for doxycycline, especially susceptibility of *A. pleuropneumoniae* and *O. rhinotracheale* may differ from country to country and even farm to farm, bacteriological sampling and susceptibility testing are recommended. Use of the product should be based on culture and sensitivity of micro-organisms from diseased cases on farm. If this is not possible, therapy should be based on local (regional, farm level) epidemiological information about susceptibility of the target bacteria.

As eradication of the target pathogens may not be achieved, medication should therefore be combined with good management practices, e.g. good hygiene, proper ventilation, no overstocking.

### **User Warnings**

If you know you are allergic to the tetracycline class of antibiotics, special care should be taken when handling this product or the medicated solution.

During preparation and administration of the medicated drinking water, skin contact with the product should be avoided. Wear impermeable gloves (e.g. rubber or latex) when applying the product.

In the event of eye or skin contact, rinse the affected area with large amounts of clean water and if irritation occurs, seek medical attention. Wash hands and contaminated skin immediately after handling the product.

If you develop symptoms following exposure such as skin rash, you should seek medical advice and show this warning to the physician. Swelling of the face, lips or eyes, or difficulty with breathing are more serious symptoms and require urgent medical attention.

Do not smoke, eat or drink while handling the product.

Avoid direct contact with skin and eyes when handling the product to prevent sensitisation and contact dermatitis.

**Use during pregnancy, lactation or lay**

Doxycycline has a low affinity for forming complexes with calcium and studies have demonstrated that doxycycline scarcely affects skeleton formation. No negative effects were observed in poultry after the administration of therapeutic doses of doxycycline.

In the absence of specific studies the use of the product is not recommended during pregnancy or lactation.

**Interaction with other medicinal products and other forms of interactions**

Do not combine with antibiotics that are bacteriocidal e.g. penicillins or cephalosporins.

Absorption of doxycycline can be decreased in the presence of high quantities of calcium, iron, magnesium or aluminium in the diet. Do not administer together with antacids, kaolin and iron preparations.

It is advised that the interval between the administration of other products containing polyvalent cations should be 1-2 hours because they limit the absorption of tetracyclines.

Doxycycline increases the action of anticoagulants.

The solubility of the product is pH dependent and will precipitate if mixed in alkaline solution.

Do not store the drinking water in metallic containers.

**Overdose**

Overdoses up to 1.6 times the label recommended dose resulted in no clinical signs that could be attributed to treatment. Poultry tolerate double overdoses of doxycycline (40 mg/kg body weight) without any clinical effect.

**Incompatibilities**

Solubility of doxycycline is pH dependent. Precipitation will occur in an alkaline solution. In the absence of compatibility studies, this product must not be mixed with other veterinary medicinal products.

**13. SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCT OR WASTE MATERIALS, IF ANY**

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

**14. DATE ON WHICH THE PACKAGE LEAFLET WAS LAST APPROVED**

March 2021

**15. OTHER INFORMATION**

**Pharmaceutical form**

Solution for use in drinking water.

**Pack size**

1 litre and 5 litres. Not all pack sizes may be marketed.

For animal treatment only – to be supplied only on veterinary prescription.

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