

## Summary of Product Characteristics

### 1 NAME OF THE VETERINARY MEDICINAL PRODUCT

CTC 10% w/w Oral Powder

### 2 QUALITATIVE AND QUANTITATIVE COMPOSITION

Each g contains

#### Active substance

Chlortetracycline hydrochloride 100 mg

For a full list of excipients, see section 6.1

### 3 PHARMACEUTICAL FORM

Oral Powder.

### 4 CLINICAL PARTICULARS

#### 4.1 Target Species

Calves (less than 6 months of age) and pigs.

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

Calves:

The product is indicated as an aid in the treatment of respiratory disease in calves caused by *Pasteurella spp.*, sensitive to chlortetracycline.

Pigs:

The product is indicated as an aid in the treatment of respiratory disease in pigs caused by micro-organisms sensitive to chlortetracycline.

#### 4.3 Contraindications

Do not use in adult ruminants, dairy cows and veal calves.

Do not use in animals with known hypersensitivity to the active ingredient.

#### 4.4 Special warnings for each target species

None.

## 4.5 Special precautions for use

### Special precautions for use in animals

Inappropriate use of the product may increase the prevalence of bacteria resistant to chlortetracycline and may decrease the effectiveness of treatment with related substances, due to the potential for cross-resistance.

Use of the product should be based on susceptibility testing of the bacteria isolated from the animal. If this is not possible, therapy should be based on local (regional, farm level) epidemiological information about susceptibility of the target bacteria.

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

When incorporating into feed, care must be taken not to inhale any dust. It is recommended that a face mask be worn during the dispensing and mixing of the product.

Avoid skin contact when handling this product. Wash hands and all exposed skin after handling the product.

Wash hands and all exposed skin at the end of the operation.

## 4.6 Adverse reactions (frequency and seriousness)

Chlortetracycline toxicity is low. If digestive disturbances do occur, treatment should be discontinued. Long term use of this product is not recommended as it may lead to the development of bacterial resistance.

## 4.7 Use during pregnancy, lactation or lay

This product is not recommended for use in pregnant or lactating cows.

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

This product is not recommended for concurrent administration with any other oral medication.

## 4.9 Amounts to be administered and administration route

For oral administration.

The product should be administered as a top dressing to small quantities of feed for immediate consumption by individual animals.

The recommended therapeutic dose is 20 mg per kg bodyweight daily i.e. 20 grams of *CTC 10% Oral Powder* per 100 kg bodyweight. This should be given in a divided daily dose i.e. 10 g morning and 10 g evening. Treatment should be continued for a period of seven days.

To ensure a correct dosage bodyweight should be determined as accurately as possible.

Bodyweight (kg)	Dose (to be given twice daily)	
	Weight in g	Scoopful (5g size)
100	10	2

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

Do not exceed the stated dose.

Chlortetracycline toxicity is low. If digestive disturbances do occur, treatment should be discontinued.

Long term use of this product is not recommended as it may lead to the development of bacterial resistance.

#### **4.11 Withdrawal Period(s)**

Calves: Meat and offal: 35 days

Milk: Not applicable. The product is contraindicated for use in adult cattle.

Pigs: Meat and offal: 6 days

### **5 PHARMACOLOGICAL or IMMUNOLOGICAL PROPERTIES**

Pharmacotherapeutic class: Antibacterials for systemic use, Tetracyclines

ATC Vet Code: QJ01AA03

#### **5.1 Pharmacodynamic properties**

Chlortetracycline hydrochloride is a bacteriostatic antibiotic, interfering with bacterial protein synthesis of the rapidly growing and reproducing bacterial cell.

#### **5.2 Pharmacokinetic properties**

Following oral absorption, maximum blood levels are achieved in approximately 2-8 hours. The CTC plasma concentration maintains a steady state level until day 7, following the consecutive twice-daily medications.

### **6 PHARMACEUTICAL PARTICULARS**

#### **6.1 List of excipients**

Colloidal anhydrous silica

Medium chain triglycerides

Soya bean meal

#### **6.2 Incompatibilities**

Incompatible with substances containing ionophores.

#### **6.3 Shelf-life**

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

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

Store below 25°C.

Protect from light

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

1 kg LDPE bag laminated with metallised polyester.

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

Any unused product or waste material should be disposed of in accordance with national requirements.

## **7 MARKETING AUTHORISATION HOLDER**

Univet Ltd.,  
Tullyvin,  
Cootehill,  
Co. Cavan.

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

VPA 10990/018/001

## **9 DATE OF THE FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION**

30<sup>th</sup> September 2008

## **10 DATE OF REVISION OF THE TEXT**

25<sup>th</sup> August 2010