

## **SUMMARY OF PRODUCT CHARACTERISTICS**

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

Rycarfa 100 mg tablets for dogs

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

Each tablet contains:

**Active substance:**

Carprofen 100.00 mg

**Excipients:**

Ferric oxide red (E172) 3.04 mg

Ferric oxide black (E172) 1.90 mg

For the full list of excipients, see section 6.1.

### **3. PHARMACEUTICAL FORM**

Tablet.

Round, dark brown, marbled tablets with visible darker spots, one-side scored and bevel-edged.

The tablet can be divided into equal parts.

### **4. CLINICAL PARTICULARS**

#### **4.1 Target species**

Dogs.

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

Reduction of inflammation and pain caused by musculoskeletal disorders and degenerative joint disease. As a follow up to parenteral analgesia in the management of post-operative pain.

#### **4.3 Contraindications**

Do not use in cats.

Do not use in pregnant or lactating bitches.

Do not use in dogs less than 4 months of age.

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

Do not use in dogs suffering from cardiac, hepatic or renal disease, where there is a possibility of gastrointestinal ulceration or bleeding, or where there is evidence of a blood dyscrasia.

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

Refer to Sections 4.3 and 4.5.

#### **4.5 Special precautions for use**

##### Special precautions for use in animals

Use in aged dogs may involve additional risk.

If such a use cannot be avoided, dogs may require careful clinical management.

Avoid use in any dehydrated, hypovolaemic or hypotensive dog, as there is a potential risk of increased renal toxicity.

NSAIDs can cause inhibition of phagocytosis and hence in the treatment of inflammatory conditions associated with bacterial infection, appropriate concurrent antimicrobial therapy should be instigated.

See section 4.8.

The tablets are flavoured. In order to avoid any accidental ingestion, store tablets out of reach of the animals.

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

In the event of accidental ingestion of the tablets, seek medical advice and show the doctor the package leaflet. Wash hands after handling the product.

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

Typical undesirable effects associated with NSAIDs such as vomiting, soft faeces/diarrhoea, faecal occult blood, loss of appetite and lethargy have been reported. These adverse reactions occur generally within the first treatment week and are in most cases transient and disappear following termination of the treatment but in very rare cases may be serious or fatal.

If adverse reactions occur, use of the product should be stopped and the advice of a veterinarian should be sought.

As with other NSAIDs there is a risk of rare renal or idiosyncratic hepatic adverse events.

The frequency of adverse reactions is defined using the following convention:

- very common (more than 1 in 10 animals treated displaying adverse reaction(s))
- common (more than 1 but less than 10 animals in 100 animals treated)
- uncommon (more than 1 but less than 10 animals in 1,000 animals treated)
- rare (more than 1 but less than 10 animals in 10,000 animals treated)
- very rare (less than 1 animal in 10,000 animals treated, including isolated reports).

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

Studies in laboratory species (rat and rabbit) have shown evidence of foetotoxic effects of carprofen at doses close to the therapeutic dose. The safety of the

veterinary medicinal product has not been established during pregnancy and lactation. Do not use in pregnant or lactating bitches.

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

Do not administer other NSAIDs and glucocorticoids concurrently or within 24 hours of administration of the product. Carprofen is highly bound to plasma proteins and may compete with other highly bound drugs, which can lead to toxic effects.

Concurrent administration of potential nephrotoxic drugs should be avoided.

#### **4.9 Amounts to be administered and administration route**

For oral administration.

2 to 4 mg carprofen per kg bodyweight per day.

An initial dose of 4 mg carprofen per kg bodyweight per day given as a single daily dose or in two equally divided doses may, subject to clinical response, be reduced after 7 days to 2 mg carprofen/kg bodyweight/day given as a single dose.

Duration of treatment will be dependent upon the response seen. Long term treatment should be under regular veterinary supervision.

To extend analgesic and anti-inflammatory cover post-operatively, parenteral preoperative treatment may be followed with Carprofen tablets at 4 mg/kg/day for up to 5 days.

To ensure a correct dosage, body weight should be determined as accurately as possible to avoid underdosing.

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

Although studies investigating the safety of carprofen at overdose have been performed, no signs of toxicity appeared when dogs were treated with carprofen at levels up to 6 mg/kg twice daily for 7 days (3 times the recommended dose rate of 4mg/kg) and 6mg/kg once daily for a further 7 days. (1.5 times the recommended dose rate of 4 mg/kg).

There is no specific antidote for carprofen overdosage but general supportive therapy, as applied to clinical overdosage with NSAIDs should be applied.

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

Not applicable.

### **5. PHARMACOLOGICAL PROPERTIES**

Pharmacotherapeutic group: Antiinflammatory and antirheumatic products, non-steroids

ATCvet code: QM01AE91

#### **5.1 Pharmacodynamic properties**

Carprofen possesses anti-inflammatory, analgesic and antipyretic activity. Like most other NSAID's, carprofen is an inhibitor of the enzyme cyclo-oxygenase of the arachidonic acid cascade.

However, the inhibition of prostaglandin synthesis by carprofen is slight in relation to its anti-inflammatory and analgesic potency. The precise mode of action of carprofen is not clear.

Carprofen is a chiral drug with the S(+) enantiomer being more active than the R(-) enantiomer. There is no chiral inversion between the enantiomers *in-vivo*.

## 5.2 Pharmacokinetic particulars

Carprofen is well absorbed after oral administration (>90%) and is highly protein bound. Peak plasma concentrations are achieved between 1 h and 3 h after administration.

Carprofen is characterized by a half-life of approximately 10 hours in dogs.

Carprofen is eliminated in dogs primarily by means of biotransformation in the liver, followed by rapid excretion of the resulting metabolites in feces (70-80%) and urine (10-20%). Some enterohepatic circulation has been detected.

## 6. PHARMACEUTICAL PARTICULARS

### 6.1 List of excipients

Lactose monohydrate  
Maize starch  
Ferric oxide red (E172)  
Ferric oxide black (E172)  
Povidone K30  
Sodium starch glycolate, type A  
Colloidal anhydrous silica  
Meat flavour 10022  
Talc  
Magnesium stearate

### 6.2 Major incompatibilities

Not applicable.

### 6.3 Shelf life

Shelf-life of the veterinary medicinal product as packaged for sale: 3 years.  
Return any halved tablet to the opened blister and use within 24 hours.

### 6.4 Special precautions for storage

Store in the original package in order to protect from light and moisture.

### 6.5 Nature and composition of immediate packaging

Blister (OPA/Al/PVC-Al): 20, 50, 100 or 500 tablets (10 tablets/blister) in a box.

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**

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

#### **7. MARKETING AUTHORISATION HOLDER**

KRKA, d.d., Novo mesto  
Šmarješka cesta 6  
8501 Novo mesto  
Slovenia

#### **8. MARKETING AUTHORISATION NUMBER**

Vm 01656/4071

#### **9. DATE OF RENEWAL OF THE AUTHORISATION**

23 October 2018

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

February 2019

#### **PROHIBITION OF SALE, SUPPLY AND/OR USE**

Not applicable

Approved: 19 February 2019

