

## **SUMMARY OF PRODUCT CHARACTERISTICS**

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

Arthrocam 1.5 mg/ml oral suspension for dogs

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

One ml contains:

**Active substance:**

Meloxicam 1.5 mg.

**Excipient:**

Sodium benzoate 5 mg.

For the full list of excipients, see section 6.1.

### **3. PHARMACEUTICAL FORM**

Oral suspension.

An off white to yellowish coloured suspension.

### **4. CLINICAL PARTICULARS**

#### **4.1 Target species**

Dogs.

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

Alleviation of inflammation and pain in both acute and chronic musculo-skeletal disorders in dogs.

#### **4.3 Contraindications**

Do not use in pregnant or lactating animals.

Do not use in animals suffering from gastrointestinal disorders such as irritation and haemorrhage, impaired hepatic, cardiac or renal function and haemorrhagic disorders.

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

Do not use in dogs less than 6 weeks of age.

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

None.

#### 4.5 Special precautions for use

##### Special precautions for use in animals

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

This product for dogs should not be used in cats as it is not suitable for use in this species.

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

People with known hypersensitivity to non-steroidal anti-inflammatory drugs (NSAIDs) should avoid contact with the veterinary medicinal product.

Accidental ingestion of the product by a child may cause gastro-intestinal effects, such as nausea and gastric pain.

Any uneaten medicated food must be disposed of immediately and the bowl washed thoroughly.

Do not leave an unattended filled syringe in the sight or reach of children.

In case of accidental ingestion, seek medical advice immediately and show the package leaflet or the label to the physician.

This product can cause eye irritation. In case of contact with the eyes, immediately rinse thoroughly with water.

##### Special precautions for the protection of the environment:

Not applicable.

##### Other precautions:

Not applicable

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

Dogs:

Very rare (<1 animal / 10,000 animals treated, including isolated reports):	Appetite loss*, Lethargy* Renal failure* Vomiting*, Diarrhoea*, Blood in faeces*, Gastrointestinal ulceration, Haemorrhagic diarrhoea, Haematemesis Elevated liver enzymes
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\* Typical adverse reactions of NSAIDs

These side effects 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, treatment should be discontinued and the advice of a veterinarian should be sought.

Reporting adverse events is important. It allows continuous safety monitoring of a veterinary medicinal product. Reports should be sent, preferably via a veterinarian, to either the marketing authorisation holder, or the national competent authority via the

national reporting system. See also section 16 of the package leaflet for contact details.

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

The safety of the veterinary medicinal product has not been established during pregnancy and lactation (see section 4.3).

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

Other NSAIDs, diuretics, anticoagulants, aminoglycoside antibiotics and substances with high protein binding may compete for binding and thus lead to toxic effects. Meloxicam must not be administered in conjunction with other NSAIDs or glucocorticosteroids.

Pre-treatment with anti-inflammatory substances may result in additional or increased adverse effects and accordingly a treatment-free period with such veterinary medicinal products should be observed for at least 24 hours before commencement of treatment. The treatment-free period, however, should take into account the pharmacological properties of the veterinary products used previously.

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

Shake well before use.

To be administered mixed with a small amount of food, or directly into the mouth.

Initial treatment is a single dose of 0.2 mg meloxicam/kg body weight on the first day. Treatment is to be continued once daily by oral administration (at 24-hour intervals) at a maintenance dose of 0.1 mg meloxicam/kg body weight. For longer term treatment, once a clinical response has been observed (after  $\geq 4$  days), the dose can be adjusted to the lowest effective individual dose reflecting that the degree of pain and inflammation associated with chronic musculo-skeletal disorders may vary over time.

Particular care should be taken with regard to the accuracy of dosing.

The suspension can be given using the measuring syringes provided in the package. The appropriate syringe should be used depending on the body weight of the animal. The syringes fit onto the bottle and have a kg-body weight scale which corresponds to the maintenance dose (i.e. 0.1 mg meloxicam/kg body weight). Thus for the first day, twice the maintenance volume will be required.

A clinical response is normally seen within 3–4 days. Treatment should be discontinued after 10 days at the latest if no clinical improvement is apparent.

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

In the case of overdosage symptomatic treatment should be initiated.

#### **4.11 Withdrawal period**

Not applicable.

### **5. PHARMACOLOGICAL PROPERTIES**

Pharmacotherapeutic group: Anti-inflammatory and Anti-rheumatic products, Non-steroids (oxicams).  
ATCvet code: QM01AC06.

## 5.1 Pharmacodynamic properties

Meloxicam is a non-steroidal anti-inflammatory drug (NSAID) of the oxicam class which acts by inhibition of prostaglandin synthesis, thereby exerting anti-inflammatory, analgesic, anti-exudative and antipyretic effects. It reduces leukocyte infiltration into the inflamed tissue. To a minor extent it also inhibits collagen-induced thrombocyte aggregation. *In vitro* and *in vivo* studies demonstrated that meloxicam inhibits cyclooxygenase-2 (COX-2) to a greater extent than cyclooxygenase-1 (COX-1).

## 5.2 Pharmacokinetic particulars

### Absorption

Meloxicam is completely absorbed following oral administration and maximal plasma concentrations are obtained after approximately 4.5 hours. When the product is used according to the recommended dosage regime, steady state concentrations of meloxicam in plasma are reached on the second day of treatment.

### Distribution

There is a linear relationship between the dose administered and plasma concentration observed in the therapeutic dose range. Approximately 97% of meloxicam is bound to plasma proteins. The volume of distribution is 0.3 l/kg.

### Metabolism

Meloxicam is predominantly found in plasma and is also a major biliary excretion product whereas urine contains only traces of the parent compound. Meloxicam is metabolised to an alcohol, an acid derivative and to several polar metabolites. All major metabolites have been shown to be pharmacologically inactive.

### Elimination

Meloxicam is eliminated with a half-life of 24 hours. Approximately 75% of the administered dose is eliminated via faeces and the remainder via urine.

## 6. PHARMACEUTICAL PARTICULARS

### 6.1 List of excipients

Sodium Benzoate  
Saccharin Sodium  
Sodium Carboxyl Methyl Cellulose  
Colloidal Silicon Dioxide  
Citric Acid Monohydrate  
Sorbitol Solution  
Disodium Hydrogen-Phosphate Dodecahydrate  
Honey Flavour.

### 6.2 Major incompatibilities

In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other veterinary medicinal products.

### **6.3 Shelf life**

Shelf life of the veterinary medicinal product as packaged for sale: 2 years.  
Shelf life after first opening the immediate packaging: 6 months.

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

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

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

42, 100 or 200 ml polyethylene terephthalate (PET) bottle with a tamper resistant child proof closure, and a 15 ml HDPE bottle with a tamper resistant child proof closure, and two polypropylene measuring syringes: one for small dogs (up to 20 kg) and one for bigger dogs (up to 60 kg).

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**

Medicines should not be disposed of via wastewater.  
Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal products should be disposed of in accordance with local requirements.

## **7. MARKETING AUTHORISATION HOLDER**

EU Pharmaceuticals Ltd  
37 Geraldine Road  
London  
SW18 2NR

## **8. MARKETING AUTHORISATION NUMBER**

Vm 39787/3013

## **9. DATE OF FIRST AUTHORISATION**

02 February 2024

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

February 2024

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

To be supplied only on veterinary prescription.

Approved 02 February 2024

A handwritten signature in black ink, appearing to read 'M. M. M.', located below the approval date.