

**ANNEX I**

**SUMMARY OF PRODUCT CHARACTERISTICS**

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

Clevor 30 mg/ml eye drops, solution in single-dose container for dogs

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

Each ml of solution contains:

### **Active substance:**

Ropinirole (ropinirol) 30 mg  
(equivalent to 34.2 mg ropinirole hydrochloride)

### **Excipients:**

For the full list of excipients, see section 6.1.

## **3. PHARMACEUTICAL FORM**

Eye drops solution in single-dose container.  
Very slightly yellow to yellow clear solution.  
pH 3.8–4.5 and osmolality 300–400 mOsm/kg.

## **4. CLINICAL PARTICULARS**

### **4.1 Target species**

Dogs

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

Induction of vomiting in dogs.

### **4.3 Contraindications**

Do not use in dogs with depression of the central nervous system, seizures or other marked neurologic impairments that could lead to aspiration pneumonia.  
Do not use in dogs which are hypoxic, dyspnoeic or lacking pharyngeal reflexes.  
Do not use in cases of the ingestion of sharp foreign objects, corrosive agents (acids or alkalis), volatile substances or organic solvents.  
Do not use in cases of hypersensitivity to the active substance or to any of the excipients.

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

The efficacy of the veterinary medicinal product has not been established in dogs weighing less than 1.8 kg, or in dogs under 4.5 months of age or in elderly dogs. Use only according to the benefit-risk assessment by the responsible veterinarian.

Based on the clinical trial results, most dogs are expected to respond to a single dose of the veterinary medicinal product; however, a small proportion of dogs will require a second dose to induce vomiting. A very small proportion of dogs may fail to respond to the treatment despite administration of a second dose. It is not recommended to administer further doses to these dogs. Please refer to sections 4.9 and 5.1 for further information.

## 4.5 Special precautions for use

### Special precautions for use in animals

This veterinary medicinal product may cause a transient increase in heart rate up to 2 hours after administration. The safety of the product has not been studied in dogs with diagnosed cardiac disease/dysfunction. Use only according to the benefit-risk assessment by the responsible veterinarian.

The safety of this product in dogs with clinical signs due to the ingestion of foreign materials has not been investigated.

Ropinirole is metabolised by the liver. The safety of the product has not been studied in dogs with hepatic impairment. Use only according to the benefit-risk assessment by the responsible veterinarian.

The safety and efficacy of the product have not been studied in dogs with ocular disease or injury. In case of a pre-existing ocular condition with clinical signs, use the product only according to the benefit-risk assessment by the responsible veterinarian.

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

People with known hypersensitivity to ropinirole should avoid contact with the veterinary medicinal product. Administer the veterinary medicinal product with caution.

The veterinary medicinal product should not be administered by pregnant or breast-feeding women. Ropinirole might reduce the level of prolactin due to its inhibitory effect on prolactin secretion as a dopamine agonist.

This veterinary medicinal product can cause eye irritation. Administer the product with caution. In case of accidental eye or skin contact, rinse immediately the affected area with plenty of fresh water. If symptoms occur, seek medical advice and show the package leaflet or the label to the physician.

## 4.6 Adverse reactions (frequency and seriousness)

Very common adverse reactions:

Transient mild or moderate hyperaemia of the eye, ocular discharge, protrusion of the 3<sup>rd</sup> eyelid and blepharospasm.

Transient mild lethargy and increased heart rate.

Common adverse reactions:

Transient, mild conjunctival swelling, itching of the eyes, tachypnoea, tremors, diarrhoea, ataxia and uncoordinated movement. Extended vomiting (for more than 60 minutes) which should be evaluated by the responsible veterinarian as it might need appropriate treatment.

In dogs with protracted vomiting (more than 60 minutes) and other clinical signs related to the pharmacological action of the active substance (e.g. ocular hyperaemia, tachycardia, tremors or shaking), dopamine antagonists such as metoclopramide or domperidone may be used to manage these clinical signs.

Maropitant does not reverse the clinical signs related to the pharmacological action of ropinirole.

Uncommon adverse reactions:

Corneal ulceration.

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

The safety of the veterinary medicinal product has not been established during pregnancy and lactation in the target species. Ropinirole inhibits prolactin secretion by activation of dopamine D<sub>2</sub> receptors located in the striatum and on lactotroph cells of pituitary gland. Therefore, use of this product is not recommended during pregnancy or lactation.

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

Dopamine antagonists (such as metoclopramide), neuroleptics (e.g., chlorpromazine, acepromazine) and other medicinal products with antiemetic properties (e.g., maropitant or antihistamines) may reduce the effectiveness of this veterinary medicinal product.

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

Ocular use.

The veterinary medicinal product should only be administered by a veterinarian or under their close supervision.

The product is to be administered into the eye, at a dose of 1–8 eye drops. The volume of one drop is approximately 27 µl. Each eye drop contains 810 µg of ropinirole. The dose is equivalent to 2–15 µl/kg bw in dogs. The number of eye drops in each body weight group corresponds to the target dose of 3.75 mg/m<sup>2</sup> body surface area (dose range 2.7– 5.4 mg/m<sup>2</sup>). These doses have been tested in dogs weighing between 1.8 kg and 100 kg (0.15–2.21 m<sup>2</sup> body surface area).

When a quantity of 2 to 4 drops is to be administered, the dose should be divided between both eyes. For example, for the administration of 3 drops: administer 2 drops into the right eye and 1 drop into the left eye.

When a quantity of 6 or 8 drops is to be administered, the dose should be divided into 2 alternate administrations given 1–2 minutes apart. For example, for the administration of 6 drops: administer 2 drops into the right eye and 2 drops into the left eye, then after 1–2 minutes pause administer a further 1 drop into each eye.

If the dog does not vomit within 15 minutes after administration of the initial dose a second dose may be given 15 to 20 minutes after administration of the initial dose. The second dose should be the same number of drops as the initial dose. It is recommended to record the time of first administration.

Be careful not to touch the dropper tip after opening the container in case a second dose is necessary.

The following dosing table provides the dose in drops to be administered corresponding to the dog's bodyweight.

Body weight (kg)	Body surface area (m <sup>2</sup> )	Number of eye drops	Ropinirole (µg)	Ropinirole (µg/body surface area)	Ropinirole (µg/kg)
1.8–5	0.15–0.30	1	810	5.4–2.7	450–162

<b>5.1–10</b>	0.30–0.47	<b>2</b>	1620	5.4–3.4	318–162
<b>10.1–20</b>	0.48–0.75	<b>3</b>	2430	5.1–3.2	240–121
<b>20.1–35</b>	0.75–1.09	<b>4</b>	3240	4.3–3.0	161–93
<b>35.1–60</b>	1.10–1.57	<b>6</b>	4860	4.4–3.1	138–81
<b>60.1–100</b>	1.57–2.21	<b>8</b>	6480	4.1–2.9	108–64.5

### Instructions for use



#### **OPENING THE CONTAINER:**

Open the container by twisting off the cap.  
Be careful not to touch the dropper tip after opening the container.



#### **ADMINISTRATION:**

Keep the dog's head steady in a slightly upright position. Hold the container in an upright position without touching the eye. Rest your little finger on the forehead of the dog to maintain the distance between the container and the eye. Squeeze the prescribed number of drops into the eye(s).



#### **STORING THE OPENED CONTAINER:**

After opening place the container back into the pouch in case a second dose is necessary.



#### **REPEATED DOSE:**

In case the dog does not vomit within 15 minutes after the initial administration, a second dose can be given 15 to 20 minutes after administration of the initial dose. The additional dose should be the same as the initial dose.

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

The tolerance of this veterinary medicinal product was investigated in a target animal safety study at all dose levels up to 5 times the clinical dose (that is, up to 124.6 µl/kg) when given on two occasions, 15–20 minutes apart, every day for 3 days. The clinical signs (lethargy, tachycardia, tremors, ataxia, uncoordinated movement, hyperaemia of the eye, ocular discharge, protrusion of the 3<sup>rd</sup> eyelid and blepharospasm) were comparable in frequency and severity between the different dose groups. Increased mean heart rate was observed one hour after treatment with all three doses (1X, 3X, 5X) and went back to normal levels after 6 hours.

### **4.11 Withdrawal period**

Not applicable.

## 5. PHARMACOLOGICAL PROPERTIES

Pharmacotherapeutic group: Dopaminergic agents, dopamine agonists  
ATC vet code: QN04BC04

### 5.1 Pharmacodynamic properties

Ropinirole is a full dopamine agonist with high selectivity for the dopamine D<sub>2</sub>-like receptor family (D<sub>2</sub>, D<sub>3</sub> and D<sub>4</sub> receptors). It induces emesis by activating the D<sub>2</sub>-like receptors in the chemoreceptor trigger zone, located in the area postrema, which transmits the information to the emesis centre to trigger vomiting. In a clinical field trial including 100 clinically healthy dogs treated with Clevor, the time from administration to first vomit was 3–37 minutes with a mean time of 12 minutes and median time of 10 minutes. The time between the first to the last vomit was 0–108 minutes (0 if the dog vomited only once) with a mean duration of 23 minutes and a median duration of 16 minutes. Within 30 minutes 95% of the dogs vomited. An additional dose was administered after 20 minutes to 13% of the dogs because of lack of efficacy. Three dogs (3%) did not vomit at all despite an additional dose. 5% of the dogs in the clinical study received anti-emetic treatment (metoclopramide) because their vomiting persisted for more than 60 minutes.

### 5.2 Pharmacokinetic particulars

#### Absorption

Ropinirole is rapidly absorbed into the systemic circulation of dogs after administration as a solution on their eye surface. At the target dose of 3.75 mg/m<sup>2</sup> (equivalent to 2–15 µl/kg bw), a peak plasma concentration (C<sub>max</sub>) of 26 ng/ml is reached 10 to 20 minutes (t<sub>max</sub>) after administration. The systemic bioavailability of the drug by this ocular route of administration is 23%. Vomiting starts before the C<sub>max</sub> in plasma is reached; at 4–6 minutes in a pharmacokinetic study in dogs. No direct correlation between ropinirole concentration in plasma and the duration of vomiting was observed after ocular administration. The time to last vomit ranged from 30 to 82 minutes following ocular administration in a pharmacokinetic study in dogs.

#### Distribution

Ropinirole is rapidly distributed and has a relatively high apparent volume of distribution. In dogs, the volume of distribution (V<sub>z</sub>) is 5.6 l/kg after intravenous administration. The fraction bound to plasma proteins in dogs is low (37%).

#### Elimination

Ropinirole is mainly eliminated by hepatic metabolism. The half-life of elimination (t<sub>1/2</sub>) is 4 hours after intravenous administration to dogs. Biotransformation occurs by dealkylation, hydroxylation and subsequent conjugation with glucuronic acid or oxidation to carboxylic acid. About 40% of radioactive ropinirole is excreted in the urine within 24 hours after intravenous administration to dogs. Excretion in the urine occurs mainly as metabolites. The portion recovered as unchanged ropinirole in the urine is below 3% within the first 24 hours.

## 6. PHARMACEUTICAL PARTICULARS

### 6.1 List of excipients

Citric acid monohydrate  
Sodium citrate  
Sodium chloride

Sodium hydroxide (to adjust pH)  
Hydrochloric acid (to adjust pH)  
Water for injections

## **6.2 Major incompatibilities**

Not applicable.

## **6.3 Shelf life**

Shelf life of the veterinary medicinal product as packaged for sale: 30 months.  
Shelf life after first opening the immediate packaging (pouch and container): 30 minutes.

## **6.4 Special precautions for storage**

This veterinary medicinal product does not require any special temperature storage conditions.  
Store the container in the pouch in order to protect from light.

After opening the pouch, the container should be kept in the pouch to protect from light.  
Discard any opened individual pouch or container with any remaining liquid after 30 minutes.

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

Low density polyethylene plastic single-dose container containing 0.6 ml.

Each plastic container is packed in an individual aluminium foil laminate pouch. The pouch/pouches are then packed in a cardboard box together with the same number of package leaflets (intended for the animal owners) as the number of single-dose containers in the outer package.

Pack sizes: 1, 2, 3, 4, 5, 6, 8 and 10 single-dose containers.

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 products should be disposed of in accordance with local requirements.

## **7. MARKETING AUTHORISATION HOLDER**

Orion Corporation  
Orionintie 1  
FI-02200 Espoo  
FINLAND

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

EU/2/17/222/001 – 1 single-dose container  
EU/2/17/222/002 – 2 single-dose containers  
EU/2/17/222/003 – 4 single-dose containers  
EU/2/17/222/004 – 5 single-dose containers  
EU/2/17/222/005 – 6 single-dose containers

EU/2/17/222/006 – 8 single-dose containers  
EU/2/17/222/007 – 10 single-dose containers  
EU/2/17/222/008 – 3 single-dose containers

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

Date of first authorisation: 13/04/2018

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

Detailed information on this veterinary medicinal product is available on the website of the European Medicines Agency (<http://www.ema.europa.eu/>).

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

Not applicable.



**ANNEX II**

- A. MANUFACTURER RESPONSIBLE FOR BATCH RELEASE**
- B. CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE**
- C. STATEMENT OF THE MRLs**

**A. MANUFACTURER RESPONSIBLE FOR BATCH RELEASE**

Name and address of the manufacturer responsible for batch release

Orion Corporation  
Orionintie 1  
FI-02200 Espoo  
FINLAND

**B. CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE**

Veterinary medicinal product subject to prescription.

**C. STATEMENT OF THE MRLs**

Not applicable.

**ANNEX III**  
**LABELLING AND PACKAGE LEAFLET**

## **A. LABELLING**

**PARTICULARS TO APPEAR ON THE OUTER PACKAGE**

**Cardboard box**

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

Clevor 30 mg/ml eye drops, solution for dogs  
ropinirole

**2. STATEMENT OF ACTIVE SUBSTANCES**

30 mg/ml ropinirole

**3. PHARMACEUTICAL FORM**

Eye drops, solution in single-dose container

**4. PACKAGE SIZE**

1 x 0.6 ml single-dose container  
2 x 0.6 ml single-dose containers  
3 x 0.6 ml single-dose containers  
4 x 0.6 ml single-dose containers  
5 x 0.6 ml single-dose containers  
6 x 0.6 ml single-dose containers  
8 x 0.6 ml single-dose containers  
10 x 0.6 ml single-dose containers

**5. TARGET SPECIES**

Dogs

**6. INDICATION(S)**

**7. METHOD AND ROUTE(S) OF ADMINISTRATION**

Ocular use.  
Read the package leaflet before use.

**8. WITHDRAWAL PERIOD(S)**

**9. SPECIAL WARNING(S), IF NECESSARY**

**10. EXPIRY DATE**

EXP {month/year}

Once opened use within 30 minutes.

**11. SPECIAL STORAGE CONDITIONS**

**12. SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY**

Disposal: read package leaflet.

**13. THE WORDS “FOR ANIMAL TREATMENT ONLY” AND CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE, IF APPLICABLE**

For animal treatment only. To be supplied only on veterinary prescription.

**14. THE WORDS “KEEP OUT OF THE SIGHT AND REACH OF CHILDREN”**

Keep out of the sight and reach of children.

**15. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER**

Orion Corporation  
Orionintie 1  
FI-02200 Espoo  
FINLAND

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

EU/2/17/222/001 – 1 single-dose container  
EU/2/17/222/002 – 2 single-dose containers  
EU/2/17/222/003 – 4 single-dose containers  
EU/2/17/222/004 – 5 single-dose containers  
EU/2/17/222/005 – 6 single-dose containers  
EU/2/17/222/006 – 8 single-dose containers  
EU/2/17/222/007 – 10 single-dose containers  
EU/2/17/222/008 – 3 single-dose containers

**17. MANUFACTURER’S BATCH NUMBER**

Lot

**MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS**

**Pouch label**

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

Clevor 30 mg/ml eye drops  
ropinirole



**2. QUANTITY OF THE ACTIVE SUBSTANCE(S)**

30 mg/ml ropinirole

**3. CONTENTS BY WEIGHT, BY VOLUME OR BY NUMBER OF DOSES**

0.6 ml

**4. ROUTE(S) OF ADMINISTRATION**

Ocular use

**5. WITHDRAWAL PERIOD(S)**

**6. BATCH NUMBER**

Lot

**7. EXPIRY DATE**

EXP: {month/year}

**8. THE WORDS “FOR ANIMAL TREATMENT ONLY”**

For animal treatment only.

**MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS**

Single-dose container label

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

Clevor  
ropinirole



**2. QUANTITY OF THE ACTIVE SUBSTANCE(S)**

30 mg/ml ropinirole

**3. CONTENTS BY WEIGHT, BY VOLUME OR BY NUMBER OF DOSES**

**4. ROUTE(S) OF ADMINISTRATION**

**5. WITHDRAWAL PERIOD(S)**

**6. BATCH NUMBER**

Lot

**7. EXPIRY DATE**

EXP: {month/year}

**8. THE WORDS "FOR ANIMAL TREATMENT ONLY"**



## **B. PACKAGE LEAFLET**

**PACKAGE LEAFLET:**  
**Clevor 30 mg/ml eye drops, solution in single-dose container for dogs**

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

Orion Corporation  
Orionintie 1  
FI-02200 Espoo  
FINLAND

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

Clevor 30 mg/ml eye drops, solution in single-dose container for dogs

Ropinirole (ropinirol)

**3. STATEMENT OF THE ACTIVE SUBSTANCE(S) AND OTHER INGREDIENT(S)**

Clevor is a very slightly yellow to yellow clear solution containing 30 mg/ml ropinirole, equivalent to 34.2 mg/ml ropinirole hydrochloride.

**4. INDICATION(S)**

For induction of vomiting in dogs.

**5. CONTRAINDICATIONS**

Your dog must not be given this medicine if it:

- has decreased consciousness, seizures or other similar neurologic symptoms or difficulties in breathing or swallowing that could make the dog inhale a part of the vomit potentially causing aspiration pneumonia
- has ingested sharp foreign objects, acids or alkalis (e.g. drain or toilet bowl cleaners, household detergents, battery fluids), volatile substances (e.g. petroleum products, essential oils, air fresheners) or organic solvents (e.g. antifreeze, windshield wiper fluids, nail polish remover)
- is hypersensitive to ropinirole or to any of the excipients.

**6. ADVERSE REACTIONS**

This veterinary medicinal product may cause the following adverse reactions:

Very common reactions: temporary mild or moderate redness of the eye, increased tear production, increased visibility of the third eyelid and/or squinting; temporary mild tiredness and/or increased heart rate.

Common reactions: temporary, mild swelling of the mucous membranes of the eyelids, itching of the eyes, rapid breathing, shivering, diarrhoea and/or irregular or uncoordinated bodily movements.

Extended vomiting (for more than 60 minutes) which should be evaluated by the responsible veterinarian as it might need appropriate treatment.

In dogs with protracted vomiting (more than 60 minutes) and other clinical signs related to the pharmacological action of the active substance (e.g. ocular hyperaemia, tachycardia, tremors or shaking), dopamine antagonists such as metoclopramide or domperidone may be used to manage these clinical signs.

Maropitant does not reverse the clinical signs related to the pharmacological action of ropinirole.

Uncommon reactions: corneal ulceration.

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).

If you notice any side effects, even those not already listed in this package leaflet or you think that the medicine has not worked, please inform your veterinarian.

## **7. TARGET SPECIES**

Dogs

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

Clevor is administered as eye drops into one or both of the dog's eyes at a dose of 1–8 eye drops, depending on the dog's bodyweight. If the dog does not vomit within 15 minutes after administration of the initial dose, a second dose may be given 15 to 20 minutes after administration of the initial dose. The second dose should be the same number of drops as the initial dose. It is recommended to record the time of first administration.

Be careful not to touch the dropper tip after opening the container in case a second dose is necessary.

The following dosing table provides the dose volume in drops to be administered corresponding to the dog's bodyweight.

When a quantity of 2 to 4 drops is to be administered, the dose should be divided between both eyes. For example, for the administration of 3 drops: administer 2 drops into the right eye and 1 drop into the left eye.

When a quantity of 6 or 8 drops is to be administered, the dose should be divided into 2 alternate administrations given 1–2 minutes apart. For example, for the administration of 6 drops: administer 2 drops into the right eye and 2 drops into the left eye, then after 1–2 minutes pause administer a further 1 drop into each eye.

<b>Dog bodyweight (kg)</b>	<b>Number of eye drops</b>
1.8–5	1
5.1–10	2
10.1–20	3

20.1–35	4
35.1–60	6
60.1–100	8

## **9. ADVICE ON CORRECT ADMINISTRATION**

The veterinary medicinal product should only be administered by a veterinarian or under their close supervision.

See the detailed instructions for administration at the end of this leaflet.
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## **10. WITHDRAWAL PERIOD(S)**

Not applicable.

## **11. SPECIAL STORAGE PRECAUTIONS**

Keep out of the sight and reach of children.

This veterinary medicinal product does not require any special temperature storage conditions. Store the container in the pouch in order to protect from light.

Do not use this veterinary medicinal product after the expiry date which is stated on the label or carton after “EXP”. The expiry date refers to the last day of that month.

Shelf life after first opening the immediate packaging (pouch and container): 30 minutes.  
After opening the pouch, the container should be kept in the pouch to protect from light.  
Discard any opened individual pouch or container with any remaining liquid after 30 minutes.

## **12. SPECIAL WARNING(S)**

### Special precautions for use in animals:

The efficacy of the veterinary medicinal product has not been established in dogs weighing less than 1.8 kg, or in dogs under 4.5 months of age or in elderly dogs. Use only according to the benefit-risk assessment by the responsible veterinarian.

This veterinary medicinal product may cause a transient increase in heart rate up to 2 hours after administration. The safety of the product has not been studied in dogs with diagnosed cardiac disease/dysfunction. Use only according to the benefit-risk assessment by the responsible veterinarian.

The safety of this product in dogs with clinical signs due to the ingestion of foreign materials has not been investigated.

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

People with known hypersensitivity to ropinirole should avoid contact with the veterinary medicinal product. Administer the veterinary medicinal product with caution.

The veterinary medicinal product should not be administered by pregnant or breast-feeding women. Ropinirole might reduce the level of prolactin, a hormone that stimulates milk production in pregnant or breast-feeding women.

This veterinary medicinal product can cause eye irritation. Administer the product with caution. In case of accidental eye or skin contact, rinse immediately the affected area with plenty of fresh water. If symptoms occur, seek medical advice and show the package leaflet or the label to the physician.

Pregnancy and lactation:

The safety of this veterinary medicinal product has not been established during pregnancy and lactation in the target species. Ropinirole might reduce the level of prolactin, a hormone that stimulates milk production in pregnant or suckling females. Therefore, use of the product is not recommended during pregnancy or lactation.

Interaction with other medicinal products and other forms of interaction:

Inform your veterinarian if your dog is given other medicines.

Other medicines that have antiemetic properties, such as metoclopramide, chlorpromazine, acepromazine, maropitant or antihistamines may diminish the effectiveness of ropinirole.

Overdose (symptoms, emergency procedures, antidotes):

The tolerance of this veterinary medicinal product has been tested in dogs up to 5 times the recommended dose. Symptoms of overdose consist of the same signs seen as adverse reactions.

If vomiting or some of the adverse reactions (e.g. redness of the eye, increased heart rate or shivering) are prolonged, contact your veterinarian. The effects of ropinirole can be reversed using a specific antidote such as metoclopramide or domperidone. Maropitant does not reverse the clinical signs related to the pharmacological action of ropinirole.

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

Ask your veterinarian or pharmacist how to dispose of medicines no longer required. These measures should help to protect the environment.

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

Detailed information on this veterinary medicinal product is available on the website of the European Medicines Agency (<http://www.ema.europa.eu/>).

**15. OTHER INFORMATION**

**Pharmacodynamic properties**

Ropinirole is a full dopamine agonist with high selectivity for the dopamine D<sub>2</sub>-like receptor family (D<sub>2</sub>, D<sub>3</sub> and D<sub>4</sub> receptors). It induces emesis by activating the D<sub>2</sub>-like receptors in the chemoreceptor trigger zone, located in the area postrema, which transmits the information to the emesis centre to trigger vomiting. In a clinical field trial including 100 clinically healthy dogs treated with Clevor, the time from administration to first vomit was 3–37 minutes with a mean time of 12 minutes and median time of 10 minutes. The time between the first to the last vomit was 0–108 minutes (0 if the dog vomited only once) with a mean duration of 23 minutes and a median duration of 16 minutes. Within 30 minutes 95% of the dogs vomited. An additional dose was administered after 20 minutes to 13% of the dogs because

of lack of efficacy. Three dogs (3%) did not vomit at all despite an additional dose. 5% of the dogs in the clinical study received anti-emetic treatment (metoclopramide) since their vomiting persisted for more than 60 minutes.

Clevor 30 mg/ml eye drops, solution is supplied in single-dose containers containing 0.6 ml. Each container is sealed in an individual aluminium foil laminate pouch. The pouches are further packed in outer cardboard cartons which contain 1, 2, 3, 4, 5, 6, 8 or 10 single-dose containers, together with the corresponding number of package leaflets.

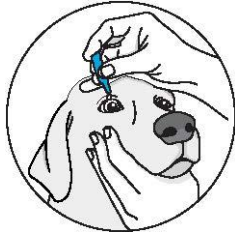
Not all pack sizes may be marketed.

#### Instructions for administration



#### **OPENING THE CONTAINER:**

Open the container by twisting off the tail. Be careful not to touch the dropper tip after opening the container.



#### **ADMINISTRATION:**

Keep the dog's head steady in a slightly upright position. Hold the container in an upright position without touching the eye. Rest your little finger on the forehead of the dog to maintain the distance between the container and the eye. Squeeze the prescribed number of drops into the eye(s).



#### **STORING THE OPENED CONTAINER:**

After opening place the container back into the pouch, in case a second dose is necessary.



#### **REPEATED DOSE:**

In case the dog does not vomit within 15 minutes after the initial administration, a second dose can be given 15 to 20 minutes after administration of the initial dose. The additional dose should be the same as the initial dose.