

## Selgian® 4mg, 10 mg, 20mg film-coated tablets

**Species:**Dogs

**Therapeutic indication:Pharmaceuticals: Neurological preparations: Others**

**Active ingredient:**Selegiline Hydrochloride

**Product:**Selgian® 4mg, 10 mg, 20mg film-coated tablets

**Product index:**Selgian® 4mg, 10 mg, 20mg film-coated tablets

## Qualitative and quantitative composition

Active ingredients: per tablet

(-) selegiline hydrochloride 10.00 mg

Other ingredients:

Titanium dioxide (E171) 1.8 mg

For a full list of excipients see Pharmaceutical particulars.

## Pharmaceutical form

Film-coated tablet.

Cross-scored film-coated tablets, divisible into quarters by means of a groove to facilitate accurate dosage.

## Clinical particulars

### Target species

Dogs.

### Indications for use

1. Treatment of behavioural disorders of purely emotional origin: depression, anxiety.
2. In association with behaviour therapy, treatment of signs of emotional origin observed in behavioural conditions such as over activity, separation problems, generalised phobia and unsociable behaviour.

Emotional disorders are characterised by a modification of feeding, drinking, auto-stimulatory behaviour, sleep, exploratory behaviour, aggression related to fear and/or

irritation, social behaviour and somatic disorders (tachycardia, emotional micturition)

### **Contra-indications**

1. Owing to its IMAO properties, (–) selegiline hydrochloride may act on prolactin secretion. In the absence of specific studies, it is recommended that the product should not be administered to pregnant and lactating bitches.
2. Do not administer the product from the day before until the day after anaesthesia or tranquillisation performed with an alpha-2 agonist.
3. Do not administer the product concomitantly with pethidine, fluoxetine or phenothiazines.
4. The narcotic action of morphine is potentiated by the product.

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

If no clinical improvement is observed after 2 months, continuing the treatment is not likely to provide any additional benefit.

It is advisable to weigh animals before dosing to ensure the correct mg/kg dosage is administered.

### **Special precautions for use, including special precautions to be taken by the person administering the medicinal product to animals**

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

Emotional disorders can mask hierarchical conflicts. In dominant dogs suffering from an emotional disorder, the alleviation of the disorder can sometimes reveal a latent aggressiveness. In such cases, behavioural therapy must be instituted.

#### *ii) Special precautions to be taken by the person administering the medicinal product to animals:*

In the event of accidental ingestion, seek medical advice and show the doctor the package leaflet.

Wash hands after use.

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

Trials have shown that some dominant dogs, with behavioural disorders but no signs of aggression, may become aggressive after treatment. Those previously showing aggression may have this enhanced. Appropriate training is essential in such cases.

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

It is recommend to stop the treatment during pregnancy and lactation.

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

1. Do not administer the product from the day before until the day after an anaesthesia or tranquillisation performed with an alpha-2 agonist.
2. Do not administer the product concomitantly with pethidine, fluoxetine or phenothiazines.
3. The narcotic action of morphine is potentiated by the product.

### Amounts to be administered and administration route

Oral route: 0.5 mg/kg/day of (–) selegiline hydrochloride in a single administration.

#### Selgian 4mg

##### Dog weight in kg Number of tablets

$\leq 1.5 < 3$	1/4
$\leq 3 < 5$	1/2
$\leq 5 < 7$	3/4
$\leq 7 < 9$	1
$\leq 9 < 11$	1 1/4
$\leq 11 < 13$	1 1/2
$\leq 13 < 15$	1 3/4
$\leq 15 < 17$	2

#### Selgian 10mg

##### Dog weight in kg Number of tablets

$\geq 8 < 12$	1/2
$\geq 12 < 17$	3/4
$\geq 17 < 22$	1
$\geq 22 < 27$	1 1/4
$\geq 27 < 32$	1 1/2
$\geq 32 < 37$	1 3/4
$\geq 37 < 42$	2

#### Selgian 20mg

##### Dog weight in kg Number of tablets

$\geq 26 < 36$	3/4
$\geq 36 < 46$	1
$\geq 46 < 56$	1 1/4
$\geq 56 < 66$	1 1/2
$\geq 66 < 76$	1 3/4
$\geq 76 < 86$	2

The treatment should be continued until the clinical condition is stable.

The minimum treatment period recommended is 2 months, based on the clinical trials results:

- The treatment period was 2 to 3 months for 20 % of the dogs
- The treatment period was 4 to 5 months for 50 % of the dogs

- The treatment period was 6 to 7 months for 20 % of the dogs
- The treatment period was less than 7 months for 10 % of the dogs

The treatment must be stopped suddenly without gradual dose reductions.

### **Overdose (Symptoms, emergency procedures, antidotes)**

Unlikely to occur.

### **Withdrawal periods**

Not applicable.

### **Pharmacological particulars**

Therapeutic group: Nervous system, ATC Vet Code QN06AX90

### **Pharmacodynamic properties**

(-) selegiline hydrochloride is an inhibitor of monoamine oxidase (MAO-B) at the therapeutic dose in the dog; thus it modifies the concentration of monoaminergic neurotransmitters.

### **Pharmacokinetic properties:**

(-) selegiline hydrochloride is quickly absorbed after oral administration. The oral bioavailability ranges from 65 to 95 % in the dog.

Selegiline binds rapidly and durably onto the specific cerebral receptors. The duration of the pharmacological effect following such binding is independent of the maintenance of blood levels.

Selegiline is quickly metabolised into l-desmethylselegiline, l-amphetamine and l-metamphetamine. At the therapeutic dose recommended in the dog, these derivatives have no pharmacological activity.

Repeated administration of Selegiline showed the absence of any cumulative effect after 91 days in the beagle dog.

### **Pharmaceutical particulars**

#### **List of excipients**

Titanium dioxide  
Povidone K30  
Maize starch  
Lactose monohydrate  
Microcrystalline cellulose  
Magnesium stearate  
Hydrochloric acid

Hypromellose  
Cellulose microcrystalline  
Macrogol stearate 40  
Purified water

### **Major incompatibilities**

Do not administer with other alpha-2 agonists.

### **Shelf-life**

Shelf life of the veterinary medicinal product as packaged for sale: 5 years

Shelf life after opening the immediate packaging: 4 days

### **Special precautions for storage**

Do not store above 25°C.

The tablets are divisible into quarters. Tablet portions can be kept for 4 days in the blister packs.

### **Nature and contents of container**

#### Nature of primary container

Polyvinylchloride film / Aluminium foil blister pack or glass bottle with polyethylene push-fit cap.

#### Models intended for sale

Box containing 3 blisters of 10 tablets  
Box containing 5 blisters of 10 tablets  
Box containing 10 blisters of 10 tablets  
Box containing 50 blisters of 10 tablets  
Bottle containing 30 or 100 tablets

Not all pack sizes may be marketed.

### **Special precautions for the disposal of unused medicinal 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.

### **Marketing Authorisation Holder (if different from distributor)**

CEVA SANTE ANIMALE

Z.I de la Ballastière BP 126

33501 Libourne CEDEX France

## **Marketing Authorisation Number**

Vm 14966/4001

## **Significant changes**

### **Date of the first authorisation or date of renewal**

26th October 2006

### **Date of revision of the text**

25th September 2007

## **Any other information**

### **Legal category**

Legal category:POM-V

## **GTIN**

**GTIN description:**SELGIAN 8KG 3X10CPS CEVA UK

**GTIN:**03411110007815

**GTIN description:**SELGIAN 20KG 3X10CPS CEVA UK

**GTIN:**03411110007778

**GTIN description:**SELGIAN 20MG 3X10CPS UK

**GTIN:**03411110045831

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