

# Synuclav<sup>®</sup>

## 250 mg tablets for dogs

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

Norbrook Laboratories Limited  
Station Works  
Newry, Co. Down, BT35 6JP  
Northern Ireland

### NAME OF THE VETERINARY MEDICINAL PRODUCT

Synuclav 250 mg tablets for dogs

### STATEMENT OF THE ACTIVE SUBSTANCES AND OTHER INGREDIENTS

Amoxicillin (as amoxicillin trihydrate)	200 mg
Clavulanic acid (as Potassium clavulanate)	50 mg
Carmoisine Lake (E122)	1.225 mg

### INDICATIONS

Synuclav 250 mg tablets are indicated for treatment of the following infections caused by  $\beta$ -lactamase producing strains of bacteria sensitive to amoxicillin in combination with clavulanic acid:

- Skin infections (including superficial and deep pyodermas) caused by susceptible Staphylococci.
- Urinary tract infections caused by susceptible Staphylococci or *Escherichia coli*.
- Respiratory infections caused by susceptible Staphylococci.
- Enteritis caused by susceptible *Escherichia coli*.

It is recommended to carry out suitable tests for sensitivity testing when initiating the treatment. The treatment should only proceed if sensitivity is proven to the combination.

### CONTRAINDICATIONS

Do not use in animals with known cases of hypersensitivity to penicillin or other substances of the beta-lactam group. Do not use in rabbits, guinea pigs, hamsters or gerbils. Do not use in animals with serious dysfunction of the kidneys accompanied by anuria and oliguria. Do not use where resistance to this combination is known to occur.

### ADVERSE REACTIONS

None Known. If you notice any serious effects or other effects not mentioned in this leaflet, please inform your veterinary surgeon.

### TARGET SPECIES

Dogs.

### DOSAGE FOR EACH SPECIES, ROUTE AND METHOD OF ADMINISTRATION

12.5 mg combined actives/kg bodyweight twice daily. The recommended dose of 12.5 mg per kg bodyweight is equivalent to one 250 mg tablet per 20 kg bodyweight.

**Dosage frequency:** The following table is intended as a guide to dispensing Synuclav 250 mg tablets at the standard dose rate of 12.5 mg/kg twice daily.

Bodyweight (kg)	Number of Tablets per dose twice daily
19-20	●
21-30	● ◐
31-40	● ●
41-50	● ● ◐
more than 50	● ● ●

Duration of therapy: Routine cases involving all indications: The majority of cases respond to between 5 and 7 days therapy.

Chronic or refractory cases: In these cases where there is considerable tissue damage, a longer course of therapy may be required in that it allows sufficient time for damaged tissue to repair.

### ADVICE ON CORRECT ADMINISTRATION

By the oral route. The tablets may be crushed and added to a little food.

### WITHDRAWAL PERIOD

Not applicable.

### SPECIAL STORAGE PRECAUTIONS

Do not store above 25°C. Store in the original package in order to protect from moisture. Do not use after the expiry date stated on the blister or tub. Keep out of the sight and reach of children. Keep the container in the outer carton.

### SPECIAL WARNINGS

Inappropriate use of the product may increase the prevalence of bacteria



resistance to amoxicillin/ clavulanic acid. In animals with hepatic and renal failure, the dosing regimen should be carefully evaluated.

Use of the product should be based on susceptibility testing and take into account official and local antimicrobial policies. Narrow spectrum antibacterial therapy should be used for first line treatment where susceptibility testing suggests likely efficacy of this approach.

Do not administer to horses and ruminating animals.

Studies in laboratory animals have not produced any evidence of teratogenic effects. Use only according to the benefit/risk assessment by the responsible veterinarian.

The potential for allergic cross-reactivity with other penicillins should be considered. Penicillins may increase the effect of aminoglycosides.

The product is of a low order of toxicity and is well tolerated by the oral route.

In a tolerance study a tested dose of 3 times the recommended dose of 12.5 mg of the combined actives administered twice daily for 8 days did not demonstrate adverse effects.

Caution is advised in the use in small herbivores other than those reported in contraindications

Chloramphenicol, macrolides, sulfonamides and tetracyclines may inhibit the antibacterial effect of penicillins because of the rapid onset of bacteriostatic action.

#### **Operator Warnings:**

Penicillins and cephalosporins may cause hypersensitivity (allergy) following injection, inhalation, ingestion or skin contact. Hypersensitivity to penicillins may lead to cross-reactions to cephalosporins and vice versa. Allergic reactions to these substances may occasionally be serious.

Do not handle this product if you know you are sensitised, or if you have been advised not to work with such preparations. Handle this product with great care to avoid exposure, taking all recommended precautions.

If you develop symptoms following exposure such as a skin rash, you should seek medical advice and show the doctor this warning. Swelling of the face, lips or eyes or difficulty with breathing are more serious symptoms and require urgent medical attention.

Wash hands after use.

#### **SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCT OR WASTE MATERIALS**

Dispose of any unused product and empty containers in accordance with guidance from your local waste regulation authority.

#### **DATE ON WHICH THE PACKAGE LEAFLET WAS LAST APPROVED**

October 2015

#### **OTHER INFORMATION**

Resistance to many antibiotics is caused by beta-lactamase enzymes which destroy the antibiotic before it can act on the bacteria themselves. The clavulanate in Synuclav tablets counteracts this defence mechanism by inactivating the beta-lactamases, thus rendering the organisms sensitive to amoxicillin's rapid bactericidal effect, at concentrations readily attainable in the body.

*In vitro* potentiated amoxicillin is active against a wide range of clinically important aerobic and anaerobic bacteria including:

##### Gram-positive:

Staphylococci (including  $\beta$ -lactamase producing strains)  
Clostridia  
Streptococci

##### Gram-negative:

*Escherichia coli* (including most  $\beta$ -lactamase producing strains)  
*Campylobacter* spp  
*Pasteurellae*  
*Proteus* spp

The product is supplied in high-density polyethylene tubs with a polyethylene screw cap lid containing 100 and 250 tablets. A sachet of desiccant is included in each container. The product is also presented in packs of 4, 10 and 50 blister strips (aluminium-aluminium) each containing 5 tablets per strip.

Not all pack sizes may be marketed.

Vm: 02000/4225

ManA: 2000

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