



AMOXEL 50MG/ML POWDER FOR ORAL SUSPENSION

Description and Composition

AMOXEL 50MG/ML POWDER FOR ORAL SUSPENSION is an off-white powder. Each ml of reconstituted product contains 50mg Amoxicillin (as trihydrate) as its active ingredient.

Pharmacodynamics

Amoxycillin is a broad-spectrum semi-synthetic penicillin. Amoxycillin predominately inhibits cell wall synthesis in susceptible bacteria. Amoxycillin has a mode of action which directly and irreversibly disrupts cell wall peptidoglycan.

Pharmacokinetics

Amoxicillin is absorbed well after oral administration, giving high plasma and tissue levels. Excretion takes place in both bile and urine.

Indication

For the control of infections in dogs and cats, including infections of the alimentary tract, respiratory tract and urogenital tract, eye and ear infections, and skin and wound infections.

In vitro, amoxycillin is effective against a wide range of Gram-positive and Gram-negative bacteria, including: *Bacillus cereus*, *Bordetella bronchiseptica*, *Corynebacterium* spp, *Citrobacter freundii*, *Chromobacter* spp, *Escherichia coli*, *Flavobacter* spp, *Pasteurella* spp (including *P. multocida*), *Proteus mirabilis*, *Salmonella* spp, Staphylococci (penicillin sensitive strains) and Streptococci.

Recommended Dose

Reconstitution:

15ml packaging: Add 12ml water to the powder and shake vigorously. This will make 15ml of the suspension, containing amoxicillin at a concentration of 50mg/ml.

30ml packaging: Add 24ml water to the powder and shake vigorously. This will make 30ml of the suspension, containing amoxicillin at a concentration of 50mg/ml.

Administration and dosage: 10mg amoxicillin per kg body weight (equivalent to 1ml reconstituted product per 5kg body weight) twice daily for up to 7 days. To be given orally using a graduated syringe. Shake well before use.

To ensure the correct dosage, body weight should be determined as accurately as possible to avoid under dosing.

Route of Administration

To be given by oral administration.

Contraindications

Not to be used in animals known to be hypersensitive to penicillin.

Not to be used orally or parenterally in rabbits, guinea pigs, hamsters or gerbils.

Caution is advised when used in any other small herbivores.

Warning and Precautions

Special warnings for each target species:

No special warnings.

Special precautions for use:**Special precautions for use in animals:**

Use of the product should be based on susceptibility testing of the bacteria isolated from the animal. If this is not possible, therapy should be based on local epidemiological information.

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

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.

1. Do not handle this product if you know you are sensitised, or if you have been advised not to work with such preparations.

2. Handle this product with great care to avoid exposure, taking all recommended precautions. 3. 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.

Interactions with Other Medicaments

None known.

Pregnancy and Lactation

No known contraindication exists for the use of the product during pregnancy.

Side Effects

No known undesirable effects.

Symptoms and Treatment of Overdose

Penicillins have a high margin of safety and clinical signs are unlikely even in accidental overdose. No treatment specified.

Storage Condition

Store below 30°C. Once reconstituted, store in a refrigerator (2-8°C).

Shelf life

3 years. Discard any remaining reconstituted product after 7 days.

Packing

15ml, 30ml

Manufacturer & Product Registration Holder

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