

Penstrepto

Penicillin G Procaine + Dihydrostreptomycin Sulphate

Injectable Suspension For Veterinary Use Only

Description

Penstrepto is a broad-spectrum antibacterial injectable suspension containing Penicillin G Procaine and Dihydrostreptomycin Sulphate. The combination of these two antibiotics provides effective activity against both Gram-positive and Gram-negative bacteria and is used for the treatment of various bacterial infections in cattle, horses, pigs, sheep, and goats.

Composition

Each 1 ml injectable suspension contains:

- Penicillin G Procaine – 200,000 IU
- Dihydrostreptomycin Sulphate – 200 mg

Target Species

Cattle, horses, pigs, sheep, and goats.

Indications for Use

The product is indicated for the treatment of infections caused by microorganisms sensitive to Penicillin and Dihydrostreptomycin.

Cattle

- Pyometra
- Mastitis
- Actinomycosis
- Leptospirosis
- Metritis
- Diarrhea
- Cystitis
- Sepsis
- Hemorrhagic septicemia
- Calf pneumonia

Pigs

- Lung diseases

- Brucellosis
- Swine cholera

Horses

- Septic infections
- Pneumonia
- Tuberculosis
- Other bacterial infections

Sheep and Goats

- Musculoskeletal infections
- Bacterial respiratory infections
- Bacterial genitourinary infections

Dosage and Administration

Shake well before use.

Administer by intramuscular injection.

Cattle, Horses, Pigs, Sheep and Goats

- 1 ml per 25 kg body weight
- Once daily
- For 3 consecutive days

Contraindications

- Hypersensitivity to Penicillin, Dihydrostreptomycin, or any component of the product.
- Do not use during the last trimester of pregnancy, as it may cause premature parturition or fetal loss.

Adverse Reactions

- Allergic reactions
- Pain and local irritation at the injection site
- Tissue reactions following intramuscular or subcutaneous administration

Special Warnings

The maximum volume administered at a single injection site should not exceed:

- Cattle and horses: 20 ml
- Pigs: 10 ml

- Sheep, goats, and calves: 5 ml

Use with caution in animals with kidney disease or impaired renal function.

Do not exceed the recommended dosage or duration of treatment.

In cases of allergic reactions or anaphylactic shock, administer adrenaline, glucocorticoids, and antihistamines.

Interactions with Other Medicinal Products

Concurrent use is not recommended with:

- Macrolides
- Tetracyclines
- Chloramphenicol
- Theophylline
- Other antibiotics

Pregnancy and Lactation

The product may be used in pregnant and lactating animals.

However, vaginal discharge has been reported in pregnant sows and breeding sows, which may be associated with the risk of abortion.

Withdrawal Period

Cattle, Sheep, Goats, and Pigs

- Meat: 18 days
- Milk: 3 days

Presentation

100 ml injectable suspension supplied in a clear glass vial, tightly sealed with a rubber stopper, aluminum cap, and tamper-evident plastic flip-off cap. Packed in a cardboard box.

Storage Conditions

- Store in the original tightly closed package.
- Store in a dry, dark, and cool place.
- Store below 30°C.
- Keep out of reach of children.

Shelf life: 3 years.

Manufacturer

Biotecs LLC

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