

AMOXYGENT

Injection

For Veterinary Use Only

COMPOSITION:

Each ml contains

Amoxicillin Trihydrate eq. to Amoxicillin.....50mg

Gentamycin Sulphate eq. to Gentamycin...25mg

INDICATIONS:

AMOXYGENT INJECTION is indicated for the treatment of pneumonia, diarrhea, bacterial enteritis, mastitis, metritis and cutaneous abscesses in ruminants.

PHARMACODYNAMICS:

AMOXYGENT INJECTION is a combination of Amoxicillin and Gentamycin which act synergistically against a wide range of gram positive (Staphylococcus, Streptococcus and Corynebacterium spp.) and gram negative (E. coli, Pasteurella, Salmonella and Pseudomonas spp.) bacteria in domestic animals. Amoxicillin is a semisynthetic penicillin derivative which disrupts the existing cell wall peptidoglycan. Gentamycin is aminoglycoside antibiotic which acts by joining with 30S subunit of bacterial ribosomes and inhibits protein synthesis.

PHARMACOKINETICS:

After intramuscular administration of Amoxygent injection maximum concentration of Gentamycin sulphate in the serum is reached after 30-40 minutes, Amoxicillin trihydrate after 1 hour and kept at therapeutic levels for about 24 hours. The antibiotics are eliminated from the body of animals mainly in unchanged form, predominantly by urine, to a lesser extent with bile.

DOSAGE & ADMINISTRATION:

Administer the following dose by deep intramuscular injection for once a day.

Cattle/ Buffalo: 2ml per 10kg body weight for 3-5 days

Sheep/Goat: 1ml per 5kg body weight for 3-5 days.

Poultry: 0.5ml per kg body weight for 3-5 days.

CONTRAINDICATIONS:

Hypersensitivity towards Amoxicillin and/or Gentamycin.

Administration to animals with a seriously impaired hepatic and/or renal function.

Concurrent administration of tetracyclines, chloramphenicol, macrolides and lincosamides.

Concurrent administration of nephrotoxic and/or ototoxic preparations, intravenous calcium supplementation, iron supplementation and non-steroidal antiinflammatory preparations.

PRECAUTIONS:

Consult the veterinarian before use.

Keep out of the reach of children.

Store between 15- 25°C in a cool and dry place.

Do not administer in animals sensitive to penicillin and aminoglycosides.

Keep out of the reach of children.

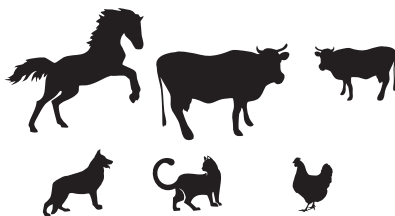
Shake well before use.

WITHDRAWAL PERIOD:

Meat: 30 days.

Milk: 2 days.

Selmore's Specs.



Manufactured by:
Selmore Pharmaceuticals (Pvt) Ltd.
36 Km Multan Road, Lahore, Pakistan.

