New Zealand

TRIMIDINE™ POWDER

FOR THE TREATMENT OF INFECTIONS DUE TO ORGANISMS SUSCEPTIBLE TO THE COMBINATION OF SULFADIMIDINE AND TRIMETHOPRIM IN HORSES.

PRESENTATION: Powder.

ACTIVE CONSTITUENTS: Each gram contains: Sulfadimidine 430 mg & Trimethoprim 86 mg.

PROPERTIES: **TRIMIDINE™ POWDER** is for the treatment of respiratory, enteric or urinary tract infections in horses due to organisms susceptible to the combination of sulfadimidine and trimethoprim, or where such organisms are implicated as secondary pathogens.

The spectrum of bacteria sensitive to the combination of sulfadimidine and trimethoprim includes: *Staphylococci, Streptococci, Fusobacterium, Enterobacter, Corynebacterium* (excluding *Corynebacterium [Rhodococcus] equi*), *Salmonella, Shigella, Klebsiella, Pasteurella, Haemophilus, Proteus* spp. and most *E. coli*; some *Brucella* and *Nocardia* spp. Most *Pseudomonas* spp. are insensitive.
Sulfadimidine is a pyrimidine sulfonamide antimicrobial agent which inhibits the incorporation of *p*-aminobenzoic acid (PABA) into dihydropteric acid, the precursor of folic acid. Subsequent reduction in the level of folic acid reduces the production of nucleic acids in sensitive bacteria. Trimethoprim is a diaminopyrimidine antimicrobial agent which prevents the reduction of dihydrofolate to tetrahydrofolate which is required by bacteria for biosynthesis of purines, pyrimidines and some amino acids.
Sulfadimidine and trimethoprim have similar antibacterial spectra, trimethoprim being approximately 20 times more potent than sulfadimidine. The combination blocks two sequential obligate enzymatic reactions in the microbial folate synthetic pathway. A synergistic action is demonstrated by the enhanced antimicrobial activity (potentiation) of the combination compared with the antimicrobial activity of either agent singly.

DOSAGE AND ADMINISTRATION:

TRIMIDINE™ POWDER is for oral administration only.

One level large scoop contains Sulfadimidine 5 g and Trimethoprim 1 g.
Horses: One level large scoop/200 kg bodyweight twice daily.
Administer on dampened food or mixed with honey or molasses.

WITHHOLDING PERIOD

HORSES: Horses producing meat and offal for human consumption must not be sold for slaughter during or within 63 days of the last treatment.
It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards (New Zealand).

POISONS SCHEDULE: Nil

REGULATORY STATUS: Restricted Veterinary Medicine, available only under veterinary authorisation. Registered pursuant to the ACVM Act 1997, No. A005932.

PACK SIZE: 250 g

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