



BROMOTRIMIDINE™ POWDER

FOR THE TREATMENT OF RESPIRATORY INFECTIONS IN HORSES

PRESENTATION: Powder.

ACTIVE CONSTITUENTS: Each gram contains: Sulfadimidine 430 mg, Trimethoprim 86 mg and Bromhexine hydrochloride 8.6 mg.

PROPERTIES:

BROMOTRIMIDINE™ POWDER is for the treatment of respiratory infections in horses due to organisms susceptible to the combination of sulfadimidine and trimethoprim, or where such organisms are implicated as secondary pathogens. Bromhexine is incorporated in this formulation as an effective mucolytic.

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 dihydropterotic 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.

Bromhexine reduces clinical signs and complications of respiratory disease. Bromhexine hydrochloride is a synthetic derivative of the alkaloid, vasicine, it acts selectively on mucopolysaccharide producing goblet cells in the respiratory tract to a far greater extent than in other organs.

DOSAGE AND ADMINISTRATION:

BROMOTRIMIDINE™ POWDER is for oral administration only.

Horses: One level large scoop/200kg bodyweight twice daily.

Administer on dampened food or mixed with honey or molasses.

One level large scoop (total: BROMOTRIMIDINE™ POWDER) = Sulfadimidine 5 g, Trimethoprim 1 g, Bromhexine Hydrochloride 100 mg.

WITHHOLDING PERIOD

MEAT: HORSES: DO NOT USE less than 28 days before slaughter for human consumption.

NEW ZEALAND INFORMATION

HORSES: Horses producing meat and offal for human consumption must not be sold for slaughter during or within 63 days of 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.**

POISONS SCHEDULE: S4 (PRESCRIPTION ANIMAL REMEDY)

REGULATORY STATUS: Australia: APVMA Approval No: 37740
New Zealand: Restricted Veterinary Medicine, available only under veterinary authorisation.
Registered pursuant to the ACVM Act 1997, N0. A009142

PACK SIZES: 250 g, 500 g, 1.5 kg

Australia-Wide Toll Free: 1800 801 201	New Zealand Toll Free: 0800 424 999 (0800 IAH 999)
Email: info@iahp.com.au	Website: www.iahp.com.au

® The Australia/World symbol is a registered trademark of International Animal Health Products P/L.

™ BROMOTRIMIDINE is a trademark of International Animal Health Products P/L.

© Copyright 1990 - 2022. All Rights Reserved.

06/2022