



TRIMIDINE™ POWDER

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

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 animals 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 dihydropteridic 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.

One level small scoop contains Sulfadimidine 1.25 g and Trimethoprim 0.25 g.

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

Calves: One level small scoop/50 kg bodyweight daily.

Administer on dampened food or mixed with honey or molasses.

Pigs: One level small scoop/50 kg bodyweight daily.

Poultry: One to two level small scoops/12 L drinking water for 3 to 5 days. Administer mixed thoroughly with food or in drinking water.

Any variation by the prescribing veterinarian to the approved dose, frequency, duration, route, disease or target species may require extending the approved withholding period.

WITHHOLDING PERIOD

MEAT: CALVES, PIGS, POULTRY: DO NOT USE less than 14 days before slaughter for human consumption.

MEAT WITHHOLDING PERIOD (HORSES): 28 days.

EGGS: DO NOT USE in laying birds where eggs or egg products are to be used for human consumption or processing.

TRADE ADVICE: EXPORT SLAUGHTER INTERVAL (ESI): This product does not have an ESI established. For advice on the ESI, contact the manufacturer on (02) 9672 7944 before using this product

POISONS SCHEDULE: S4 (PRESCRIPTION ANIMAL REMEDY)

REGULATORY STATUS: AUSTRALIAN PESTICIDES & VETERINARY MEDICINES AUTHORITY

PACK SIZE: 250 g, 500 g & 1.5 kg

Australia-Wide Toll Free: 1800 801 201

Email: info@iahp.com.au

Website: www.iahp.com.au

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