

AVEFENICOL ST

Q-0209-086



Oral Solution

Broad spectrum antibacterial



Formula

Each 100 ml contains::	
Sulfamethoxazole I	0.100 g
Trimethoprim	0.020 g
Excipient c.b.p.	100 mL

Use in



Fattening, posture, combat and ornamental birds.

INDICATIONS AND USES

Treatment of infections caused by Gram-positive and Gram-negative bacteria susceptible to the formula such as: septicemia, intestinal infections (salmonellosis, shigellosis and colibacillosis), pneumonias, avian coryza and avian cholera.

CLINICAL PHARMACOLOGY:

• DRUG KINETIC:

Sulfamethoxazole and trimethoprim are absorbed in the digestive tract, reaching plasma and tissue levels rapidly. In the case of trimethoprim, almost half of one dose attaches to the plasma proteins and the active substance is quickly deactivated by conjugation. It is excreted by the liver by glomerular filtration and the speed of excretion is proportional to the acidity of the urine: high acidity high excretion. Sulfamethoxazole is distributed throughout the organism although in variable proportions: SNC has the smallest concentrations followed by the bones and the adipose tissue. Sulfamethoxazole is excreted mainly through the kidneys and in small amounts through feces; small quantities are excreted through bile, gastric juices, pancreatic juice and intestinal juice.

• PHARMACODYNAMICS:

The action mechanism of this combination lies in its combined actions on the steps of the enzymatic pathway for the synthesis of tetrahydrofolic acid. The sulfamethoxazole inhibits the incorporation of PABA to folic acid while trimethoprim prevents the reduction of hydrofolate to tetrahydrofolate since it is a potent and selective inhibitor of bacterial hydrofolate reductase. The selective toxicity for microorganisms is achieved because animal cells use preformed folates of hydrofolate reductase from inferior organisms.

ETIOLOGIC AGENTS

Gram positive and Gram negative bacteria susceptible to the formule.

DOSAGE:

Preventive: 1 ml (25 drops) for every 2 liters of water.
Curative: 1 to 2 ml/L of water 3 to 5 days on average. If the signs persist, repeat the treatment after 3 days of rest. Treatment may vary at the discretion of the veterinarian.
5ml measuring spoon included.

ROUTE OF ADMINISTRATION: Oral, in drinking water.

WITHDRAWAL PERIOD:

This product should not be used 5 days before slaughter of animals intended for human consumption and 72 hours in laying birds.

WARNING:

Not to be administered to animals with dehydration or metabolic acidosis. Urinary acidifying agents increase the risk of crystallization of sulfonamides in urine. Not to be administered to animals sensitive to the ingredients of the formula. Store at room temperature at no more than 30°C in a dry place. Keep out of the reach of children. Product for exclusive use in veterinarian medicine. Sold by prescription only.

DRUG INTERACTIONS

Not to be used concurrently with antacids.
Sulfonamides antagonize the effects of penicillins.

PRESENTATIONS: 20 and 100 ml