

SD COX WS

Antibiotics and Vitamins



COMPOSITION :

Each gram contains :

Sulfadimidine sodium	200 mg
Sulfaquinoxaline sodium	27 mg
Pyrimethamine HCL	25 mg
Furaltadone HCL	101 mg
Vitamin A	18000 IU
Vitamin K3	5 mg
Excipients ad	1 g

DESCRIPTION :

Sulfonamides are broad-spectrum antimicrobial agents, inhibiting bacteria, toxoplasma and other protozoal agents such as coccidia. They interfere with the biosynthesis of folic acid in bacterial or protozoal cells by competitively preventing the incorporation of para-aminobenzoic acid (PABA) into the folic acid molecule, which is required for DNA and RNA synthesis in the pathogen. Pyrimethamine is an antiprotozoal diaminopyrimidine which inhibits at a later stage in the biosynthetic pathway of folic acid. Hence, the combination works synergistically by blocking different enzymatic steps in folic acid biosynthesis. Furaltadone is an antibacterial agent active mainly against Gram-negative bacteria such as Salmonella spp. Vitamin A is an essential nutrient involved in preservation and maintenance of healthy epithelial tissues and mucous membranes, and of a proper immune function. Vitamin K assists the animal in counteracting intestinal haemorrhages and lesions caused directly by pathogen or the parasite.

INDICATIONS :

SD COX WS is indicated for the prevention and control of caecal and intestinal coccidiosis, Pullorum disease and Fowl Typhoid in poultry.

CONTRA-INDICATIONS :

Hypersensitivity to sulfonamides, pyrimethamine and/or furaltadone.
Megaloblastic anaemia, since depletion of folic acid may aggravate this condition.
Poultry producing eggs for human consumption.

SIDE EFFECTS :

Hematologic side effects associated with folate deficiency.
Hypersensitivity reactions may occur.

DOSAGE AND ADMINISTRATION :

For oral administration.
Poultry : 100 g per 100 litres of drinking water for 3 days.
Medicated drinking water should be used within 24 h.

WITHDRAWAL PERIOD :

For meat : 14 days.

IPPL

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