



Colistine Sulfate 3,000,000 IU

COLISTIMIX®

Antibacterial / Water Soluble Powder



Each gram of product contains:

Colistin Sulfate (Colistin base) 3,000,000 IU
Excipient q.s. to 1g

Target Species: Poultry, Calf, Lamb

Mode of action:

Colistin is a polypeptide antibiotic belonging to the group of polymyxins. It act primarily by binding to membrane phospholipids and disrupting the bacterial cytoplasmic membrane. It induces permeability changes within the bacterial cell which result in its death. Colistin is poorly absorbed from the gastro-intestinal tract thus it shows a remarkable effectiveness against enteric infections. Acquired resistance of gram-negative enteric bacteria to Colistin is rare.

Indications:

COLISTIMIX® is very effective against Gram-negative bacteria such as *Escherichia coli*, *Salmonella*, *Hemophilus*, *Pseudomonas* and others. Treatment of gastrointestinal tract infections caused by the above and other infections caused by Colistin-sensitive bacteria in poultry, calves and lambs.

Contra-Indications:

Do not use in case of hypersensitivity to polypeptide antibiotics and Colistin Sulfate. Do not use in animals with a seriously impaired renal function or animals with an active microbial digestion. Do not use in horses.

Dosage and mode of administration:

Poultry:

Drinking water: 100 gr in 500 Lit water for 5-7 consecutive days.

Feed: 100 gr per 250 kg feed for 5-7 consecutive days. (equivalent 75000 IU per kg of body weight daily for 3 days).

Calves and Lambs:

50000 IU per kg of body weight each 12 hours.

Notice:

Duration and amount of use should be administered by veterinarian. Medicated solution should be freshly prepared

daily and consumed within 24 hours. Medicated drinking water should be the only water source available. The dosage rates of oral solutions or water soluble powder depending on the amount of up take of medicated drinking can be influenced by factors like ambient temperature in different seasons (warm or cold weather), salt content of food, clinical conditions of animal, stocking density, quality and hardness of water.

In order to obtain the correct dosage should be calculated on the recommended dose, and number a weight of the animals to be treated, according to the allowing formula;

$$\frac{\text{dose of product per kg body weight/day} \times \text{average body weight (kg) treated animals}}{\text{Daily water consumption (Lit) per animal}} = \text{g of the product per lit drinking water}$$

Interaction:

Interaction with **COLISTIMIX®** has not been reported.

Side Effect:

Colistin later changes in the digestive tract, such as imbalance of intestinal microorganisms or mild diarrhea, may occur.

Withdrawal Time: 7 days before slaughtering

Precaution: For veterinary use only. Keep out of reach of children. Wear overalls, impervious gloves, safety glasses and dust mask when handling or mixing the product. If **COLISTIMIX®** accidentally enters the eyes wash eyes with plenty amount of water.

Storage: Keep in closed original pack, cool and dry place, Below 25°C. Protect from direct sunlight.

Shelf life: 2 years from the date of manufacture.

Packing: 100 g Sachet.

