



## Neomycin Sulfate 20%

# NEOPHARMA®

Antibacterial / Water Soluble Powder



### Each g of product contains:

Neomycin Sulfate ..... 200 mg

Excipient q.s. to ..... 1000 mg

### Target Species: Poultry, Calf

#### Mode of action:

Neomycin is a broad-spectrum bactericidal aminoglycoside antibiotic. It is poorly absorbed from the intestinal tract into the circulatory system (<5%), the remainder remains as the active compound in the gastro-intestinal tract of the animal. These pharmacological properties lead to neomycin being an efficacious antibiotic in the treatment of enteric infections. It is a protein synthesis inhibitor by binding irreversibly to the 30s bacterial ribosomes.

#### Indications:

Neomycin is indicated for the treatment of bacterial enteritis in calves and poultry caused by bacterial susceptible to neomycin, such as E.coli, Salmonella and campylobacter spp.

#### Contraindications:

- Hypersensitivity to Neomycin may be occurred.
- Do not use to animals with a seriously impaired liver and renal function.
- Do not prescribe during lactation.
- Do not use in layers producing eggs for human consumption.
- Do not prescribe for animals with an active microbial digestion.

#### Dosage and mode of administration:

**Calves:** 10 -20 mg Neomycin Sulfate per kg body weight equivalent to 1-2 g of Neopharma® 20% w.s.p per 20 kg body weight daily for 3-5 days.

**Poultry:** 10 -30 mg Neomycin Sulfate per kg body weight equivalent to 50-150 g of Neopharma® 20% w.s.p per 150-200 liters of drinking water for 3-5 days.

For the above mentioned dose, the amount of Neomycin Sulfate to be mixed into the drinking water for the animals to be treated is calculated according to the following formula:

$$\frac{30 \text{ mg Neomycin Sulfate per kg body weight per day} \times \text{average body weight (kg) of animals to be treated}}{\text{Average daily intake of drinking water (L) per animal}} = \text{mg product per lit drinking water}$$

#### Notice:

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 hot or cold climate), salt content of food, clinical conditions of animal, stocking density, quality and hardness of water.

**Interaction:** Neomycin should not be used with other amino glycoside antibiotics

#### Withdrawal Time:

**Meat: Calves: 30 days**  
**Poultry: 14 days**  
**Milk: 2 days after the last treatment**

**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 NEOPHARMA® 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:** 500g three-layers aluminum laminated foil.

