

## **DUFAMOX-C 200/2 mln W.S.P.**

### **Composition:**

Contains per g water soluble powder:

Amoxicillin trihydrate ..... 200 mg

Colistin sulphate ..... 2,000,000 IU

### **Description:**

Amoxicillin is a semisynthetic beta-lactam antibiotic effective against a broad range of gram-negative and gram-positive bacteria. Amoxicillin is susceptible to degradation by  $\beta$ -lactamase-producing bacteria.

Colistin is a polymyxin antibiotic with bactericidal activity against certain gram-negative bacteria, including *Salmonella* spp. and *E. coli*. Absorption of colistin sulphate after oral administration is minimal and it is therefore only active in the gastrointestinal tract. In addition to the direct antibacterial activity, colistin also exhibits potent anti-endotoxin activity.

Combined, amoxicillin and colistin act synergistically.

### **Indications:**

Gastrointestinal, respiratory and urinary tract infections caused by microorganisms susceptible to amoxicillin and colistin (e.g. *Campylobacter* spp., *Clostridium* spp., *Corynebacterium* spp., *E. coli*, *Erysipelothrix* spp., *Haemophilus* spp., *Pasteurella* spp., *Salmonella* spp., penicillinase negative *Staphylococcus* spp. And *Streptococcus* spp.), in calves, goats, poultry, sheep and swine.

### **Contraindications:**

Hypersensitivity to penicillins or colistin, severe renal impairment. Concurrent administration with tetracycline's, chloramphenicol, macrolides and lincosamides. The product should not be administered in animals with functional rumen.

### **Dosage and administration:**

For oral administration in drinking water or artificial milk (pre-warmed at 40°C).

- Poultry: ca. 100,000 IU (5 mg) colistin sulfate and 20 mg amoxycillin trihydrate per kg body weight, equivalent to 500 g per 1000 litres of drinking water, daily, for 3-5 consecutive days.

- Calves, sheep, goats: ca. 100,000 IU (5 mg) colistin sulfate and 20 mg amoxycillin trihydrate per kg body weight equivalent to 1 g per 10 kg body weight, daily, for 3-5 consecutive days.

- Swine: ca. 100,000 IU (5 mg) colistin sulfate and 20 mg amoxycillin trihydrate per kg body weight, equivalent to 1 g per 10 kg body weight or 500 g per 1000 litres of drinking water, daily, for 3-5 consecutive days.

The consumption of drinking water and the body weight should be determined with accuracy.

Medicated water or milk should be used immediately and refreshed every 24 hours for the duration of the treatment. A pre-solution is recommended to be made before administering to drinking water: ca. 500 g of product in 20 litres of water, warmed at 40°C.

### **Side effects:**

Gastrointestinal disturbances.

**Precautions and warnings:**

It is recommended that the susceptibility of the causative microorganisms is established before treatment is commenced. Severely sick animals have altered drinking patterns and may need to be medicated parenterally. Dosage may need to be adjusted to reflect herd or flock water consumption. Do not handle the product if you are known to be hypersensitive to penicillins. If hypersensitivity reactions occur, seek immediate medical advice.

**Withdrawal times:**

Meat and offal: 8 days

Do not administer in layers producing eggs for human consumption.

**Storage conditions:**

Store dry and below 25°C. Do not freeze.

**Packing:**

500 g and 1 kg jars.