



**ANIMAL HEALTH**

## **AIVLOSIN SOLUBLE**

### **Presentation**

Aivlosin® Soluble contains tylvalosin (as tylvalosin tartrate) as a readily soluble, free flowing granule.

### **Properties**

Tylvalosin is a new macrolide antibiotic based on a highly active lactone ring. It has antibacterial activity against Gram-positive and some Gram-negative organisms and against mycoplasma by way of inhibition of protein synthesis in the bacteria cell. It is highly effective against a range of important diseases in pigs and poultry

Tylvalosin has both bacteriostatic and bactericidal action plus the additional benefit of antimicrobial activity of the major metabolite 3-AT.

Tylvalosin can act intracellularly and reaches relatively high intracellular concentrations in phagocytic cells (macrophages and neutrophils). The activity of macrophages can be specifically increased and this may help the innate (nonspecific) immune system remove foreign material such as pathogens.

### **Indications**

#### ***Swine***

Aivlosin® Soluble is indicated for the prevention and treatment of Swine Enzootic Pneumonia caused by *Mycoplasma hyopneumoniae*, Ileitis (Porcine Proliferative Enteropathy) caused by the intracellular bacterium *Lawsonia intracellularis* and Swine Dysentery caused by *Brachyspira hyodysenteriae*. Aivlosin® is also active against *Brachyspira pilosicoli* the cause of colitis in pigs.

#### ***Poultry***

Aivlosin Soluble is indicated for prevention and treatment of Mycoplasmosis (*Mycoplasma gallisepticum*, *M. synoviae* and other *Mycoplasma* species) and diseases associated with *Clostridium perfringens* (enteritis resulting in wet litter syndrome and cholangiohepatitis) in chickens, replacement pullets and turkeys. Aivlosin® is also indicated for prevention and treatment of Mycoplasmosis (*Mycoplasma gallisepticum*) in pheasants. Additionally it has activity against *Ornithobacterium rhinotracheale* (ORT) of poultry.

### **Dosage and administration**

All doses should preferably be calculated on the basis of the weight of animals to be treated and their water consumption. Aivlosin® Soluble granules should be mixed in the drinking water at the following dose rates\*:

\* Consultation with your Veterinary Surgeon is recommended before commencing treatment

## **Swine**

The dose is 5 mg activity/kg bw for 5 days, normally one sachet in 250 litres of drinking water.

## **Poultry**

Treatment and prevention of Chronic Respiratory Disease (CRD) caused by *Mycoplasma gallisepticum* (Mg), *Mycoplasma synoviae* (Ms):

- As a therapeutic treatment of CRD use in water at 20-25 mg activity/kg bw for 3 days, normally achieved by dissolving one sachet per 200 litres of drinking water.
- To prevent clinical signs of CRD in Mycoplasma positive birds use in water at 20-25 mg activity/kg for first 3 days of life. This may be followed by 10-15mg activity/kg bw for 3-4 days (normally one sachet per 400 litres) during times of stress such as vaccination, change of feed and/or for 3-4 days each month.

Treatment and prevention of diseases associated with to *Clostridium perfringens* :

- To prevent clinical signs use 25mg activity/kg bw for 3-4 days for the first 3 days of life followed by 10-15 mg activity/kg bw for 3-4 days starting 2 days before the expected outbreak. For treatment use 25mg/kg bw for 3-4 days.

Synergy with Tetracyclines\*:

- Synergy of tylvalosin and tetracyclines has been shown and programmes in the field combining tetracyclines and Aivlosin at lower doses have proven effective.

\*only under/after consultation with your veterinarian.

## **Contra-indications. warnings etc.**

### ***Withdrawal period***

In the EU, the withdrawal period for swine is 1-2 days and for chickens is 2 days. Do not use in hens that produce eggs for human consumption.

### ***Operator warnings***

When handling the product, direct contact with eyes, skin and mucous membranes should be avoided. Wash hands and exposed skin thoroughly after use. In case of eye contact, immediately flush out with plenty of water. In case of accidental ingestion seek immediate medical advice and show the label to the physician.

People with a known hypersensitivity to tylvalosin tartrate should avoid any contact with the product.

### ***Pharmaceutical precautions***

Do not store product above 25°C. Store in a cool, dry place, protected from direct sunlight. Once dissolved in water the prepared solution should be used within 3 days. It is advised to use fresh solutions daily. If the sachet is not used completely, seal the sachet and use within 3 days.

### ***General precautions***

For animal treatment only. Keep out of reach and sight of children. Do not use after the expiry date stated on the label.

***Package quantities***

Aivlosin® Soluble is packed in outer boxes and inner sachets. Sachet size is normally 25g activity.

***Container disposal***

Do not leave or dispose of water containing Aivlosin® where it may be accessible to animals not under treatment. Dispose of waste and empty packaging safely and in accordance with local waste disposal requirements.

**Further information**

Note: Accurate mixing of the product is essential.

For further information contact:

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**This datasheet offers general information.  
Please contact your local ECO representative for country-specific details.**