PHARMASIN®/TYLOVET®
Forte water-soluble for poultry
(tylosin tartrate)

COMPOSITION

<table>
<thead>
<tr>
<th>Content</th>
<th>Pharmasin®/Tylovet® Forte water-soluble for poultry</th>
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</thead>
<tbody>
<tr>
<td>Tylosin tartrate, equivalent to tylosin</td>
<td>33.3 g</td>
</tr>
<tr>
<td>Bromhexine hydrochloride</td>
<td>0.66 g</td>
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<tr>
<td>Excipients</td>
<td>up to 100 g</td>
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</tbody>
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PHARMACOLOGICAL ACTION

Tylosin is a macrolide antibiotic with a bacteriostatic effect (inhibiting the synthesis of bacterial proteins) against Gram-positive microorganisms: *Staphylococcus* spp., *Streptococcus* spp., *Erysipelotrix* spp., Gram-negative microorganisms: *Diplococcus* spp., *Serpulina* spp., *Treponema hyodysenteriae*, *Leptospira* spp., *Fusobacterium* spp., *Bacteroides* spp. (anaerobic microorganisms), *Campylobacter* (or *Vibrio*) *coli*, as well as some *Rickettsia* spp., *Chlamydia* spp., and *Mycoplasma* spp. It induces an anticoccidial effect (against *Eimeria tenella*). Bromhexine is a mucolytic; it liquefies the bronchial secretion and promotes its ejection from the respiratory tract (by decreasing its viscosity). Thus bromhexine alleviates the expectoration of the sputum and facilitates respiration. It stimulates the production of gamma globulin in the bronchial mucosa and helps tylosin to be cumulated in higher concentration in the respiratory organ thus hastening the recovery process. Bromhexine influences the absorption rate of tylosin, helps attaining higher blood levels maintaining the bioavailability of the antibiotic. Tylosin passes into the eggs of laying hens. It is compatible with tetracycline, sulphonamides, erythromycin and spectinomycin.

INDICATIONS

For treatment of Respiratory mycoplasmosis, Chronic Respiratory Disease, Borreliosis (Spirochetosis) in chickens; Infectious Synovitis and Sinusitis.

CONTRAINDICATIONS

No contraindications for the medicinal product are established.

MODE OF ADMINISTRATION

Orally, with the drinking water (as a drinking solution only). The prescribed dose is preliminarily dissolved in a small quantity of water by adding the water to the preparation (not vice versa). Then the mixture is diluted with water until the desired concentration is reached.

TARGET SPECIES

Poultry.
**DOSAGE**

For prevention – 1.5 g per 1 l of drinking water as per the following scheme:
- for broiler chickens, growing commercial and breeder layers and for turkeys from the first day of age in the course of 3-5 days.
- for growing breeder layers and broiler turkey poults – 5 days later during vaccination or under anticipated stress conditions (according to the adopted rearing design) – in the course of 3 days.

For treatment – 1.5 g per 1 l of drinking water in the course of 5-7 days (until the lethality rate drops to the usual level for the respective age group).

**SIDE EFFECTS**

Not established.

**WITHDRAWAL PERIOD**

For meat – 5 days after the last administration of the preparation.
For eggs – 5 days after the last administration of the preparation.

**STORAGE**

In the original container in dry and well-ventilated facilities protected from direct sunlight.

**PACKING**

Plastic bottles of 100 g.