

**SUPRIM<sup>®</sup> 240**  
**Solution for injections**

**Description**

Transparent yellow oily liquid.

**Composition**

1 ml of the drug contains:

*active ingredients*: sulfamethoxazol – 200 mg; trimethoprim – 40 mg;

*excipient* - propylene glycol.

**Pharmacological properties**

*ATCvet QJ01RA*. Antibacterials for systemic use. Combinations of antibacterials.

The drug composition includes the combination of sulfamethoxazol and trimethoprim, which has a synergistic antimicrobial effect.

*Sulfamethoxazol* is a medium-lasting sulfanilamide. It initiates the process, which ensures acquisition of the required growth factors – folic acid and other substances, the molecules of which contain para-aminobenzoic acid – by microorganisms. Formation of methionine, purine and pyrimidine bases in a microbial cell is blocked under the effect of sulfamethoxazol, which, in its turn, causes disturbance of synthesis of nucleic acids and nucleoproteins.

*Trimethoprim* is an antibacterial of the diaminopyrimidines group. The drug is effective against gram-positive and gram-negative microorganisms (*E. coli*, *Klebsiella spp.*, *Salmonella spp.*, *Pasteurella spp.*, *Enterobacter spp.*, *Proteus spp.*, *Shigella spp.*, *Staphylococcus spp.*, *Streptococcus spp.*, *Haemophilus spp.*, *Chlamydia spp.*) as well as toxoplasma and coccidia. Its mechanism of action is related to inhibition of bacterial reductase of dihydrofolic acid.

**Administration**

Treatment of diseases of respiratory organs, digestive organs and urinary system caused by sulfamethoxazol- and trimethoprim-sensitive microorganisms in cattle, sheep, goats, swine and rabbits.

**Dosage**

The drug is administered intramuscularly in the following doses:

- **cattle (adult), sows**: 1 ml of the drug per 20 kg body weight once daily for 3-5 days;
- **calves, sheep, goats, piglets**: 1 ml of the drug per 10 kg body weight once daily for 3-5 days;
- **rabbits** 0.1 ml of the drug per 1 kg body weight once or twice with an interval of 1-1.5 days.

**Contraindications**

Do not prescribe to animals with individual hypersensitivity to trimethoprim and sulfamethoxazol. Do not administer in combination with drugs, which cause sulfur removal (sodium sulfate), aminoglycosides (gentamicin, neomycin, streptomycin), as well as muscle relaxant and anesthetics as this may cause paralysis of respiratory muscles. Do not administer to animals with kidney and liver disorders as well as to animals with essential changes in hematological indices (in case of dyscrasia). Be cautious when administering the drug to goats as they are hypersensitive to sulfanilamides.

Do not use Novocain solution for dissolution.

**Precautions**

Do not prescribe the drug in sub-therapeutic doses. Crystalluria, hematuria may be observed after long-term administration in high doses. Discontinue the administration immediately and prescribe sodium hydrocarbonate to increase solubility of sulfamethoxazol in urine.

Animal slaughter for meat is possible in 12 days and consumption of milk is possible in 4 days following the last administration of the drug. Meat and milk obtained before the mentioned term shall be utilized or fed to non-productive animals depending on the statement of veterinary physician.

**Packaging**

Glass vials of 100 ml sealed with rubber stoppers and aluminum caps.

**Storage**

Store in a dry, dark place out of the reach of children at 5-30°C.

**Shelf life**

2 years.

48 hours after the initial opening (sampling) provided it is stored at 2-8°C.