

## Tromix – Oral Powder for Veterinary Use

Pharmacotherapeutic Group: Systemic antimicrobial, antibacterial agent.

Description: Uniform powder ranging from light yellow to yellow in color.

Target Species: Cattle, small ruminants (sheep, goats), swine, rabbits, poultry.

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### Composition

1 g of powder contains:

- Sulfadimidine sodium – 200 mg
- Trimethoprim – 40 mg
- Tetracycline (hydrochloride) – 110 mg

Excipients: Bromhexine hydrochloride, sodium cyclamate, sodium citrate, saccharin, colloidal anhydrous silica, sodium chloride, lactose, Pecuaroma 1226-Z.

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### Pharmacological Properties

Tromix is a broad-spectrum, long-acting antibacterial agent. Its pharmacological properties are determined by the antimicrobial activity of its active components.

The combination exhibits a pronounced synergistic effect and bacteriostatic activity against most Gram-positive and Gram-negative bacteria, including:

*Escherichia coli*, *Clostridium spp.*, *Salmonella spp.*, *Proteus mirabilis*, *Proteus spp.*, *Pasteurella spp.*, *Staphylococcus spp.*, *Streptococcus spp.*, *Enterococcus spp.*, *Klebsiella spp.*, *Bordetella spp.*, *Neisseria spp.*

The combination of antibiotics and sulfonamides is highly effective against pathogenic microorganisms by inhibiting tetrahydrofolic acid synthesis in bacterial cells. Tetracycline disrupts protein biosynthesis of harmful bacteria at the ribosomal level.

The drug is well absorbed from the gastrointestinal tract. It enters the bloodstream within 1–2 hours after administration and remains effective for up to 12 hours. Maximum blood concentration is reached 8 hours after administration. The drug is mainly excreted in urine and partially in feces.

According to classification based on impact on the body, Tromix belongs to Hazard Class IV (low-hazard substances).

The product is effective against infections caused by microorganisms sensitive to sulfadimidine, trimethoprim, and tetracycline hydrochloride, including respiratory, gastrointestinal, genitourinary, and secondary bacterial infections. At recommended doses, it is well tolerated by the indicated animal species.

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### Indications for Use

Tromix powder is used for treatment of bacterial infectious diseases in cattle, small ruminants, swine, poultry, and rabbits.

#### Cattle:

Pasteurellosis, respiratory diseases (pneumonia, bronchitis), enteritis.

#### Small ruminants (sheep, goats):

Dysentery, pneumonia, necrotic pododermatitis.

#### Swine:

Pneumonia, gastroenteritis, septicemia.

#### Poultry:

Enteritis (colibacillary enteritis), complicated chronic respiratory diseases, rhinitis.

#### Rabbits:

Rhinitis, pasteurellosis, enteritis (colibacillary enteritis).

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### Dosage and Administration

Administer orally with water or feed for 3–4 days.

#### Cattle, small ruminants, swine:

Day 1 – 3 g per 30 kg body weight.

Following days – 2 g per 30 kg body weight.

#### Alternatively:

1 kg of product diluted in 2000 L of water or mixed with 1000 kg of feed.

Poultry, rabbits:

Day 1 – 2 g per liter of water.

Days 2–3 – 1 g per liter of water.

If symptoms persist, repeat treatment after 3–4 days.

For newborn animals, use half of the adult dosage.

In particularly severe cases, the daily dose may be doubled during the first two days.

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### Contraindications

Hypersensitivity to any component of the product.

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### Side Effects

Animals with renal insufficiency may develop water retention followed by edema.

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### Overdose

In animals with renal insufficiency, overdose may cause water retention and swelling. Edema resolves after administration of anti-edematous therapy.

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### Withdrawal Period

Meat:

- Poultry – 5 days
  - Cattle, small ruminants, swine, rabbits – 5 days
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### Packaging

50 g polyethylene bag.

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### Storage Conditions

Store in a dry place protected from light at a temperature between +5°C and +25°C.

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**Shelf Life**

3 years.

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**Manufacturer**

Biotecs LLC, Georgia.