

Biomast

Amoxicillin trihydrate

Dosage form

Intracisternal oily suspension

For veterinary use

Composition

1 ml contains:

Amoxicillin trihydrate – 50 mg

Description

White or yellowish oily suspension with a characteristic odor; may separate into layers upon standing.

Pharmacotherapeutic group

Beta-lactam antibacterial agent

ATC vet code: **QJ01CA04**

Pharmacological properties

The active substance, amoxicillin trihydrate, is a beta-lactam antibiotic, a penicillin derivative active against:

- *Streptococcus spp.*
- *Staphylococcus spp.*
- *Escherichia coli*
- *Pseudomonas aeruginosa*
- *Klebsiella spp.*
- *Candida spp.*

(except the causative agent of tuberculosis).

Pharmacokinetics

After intracisternal administration, the active substance is rapidly distributed throughout the mammary gland. It is practically not absorbed into systemic circulation, does not undergo biotransformation, and is excreted almost unchanged with milk.

Indications

Used for the treatment of acute and chronic mastitis in cattle and small ruminants caused by streptococci, staphylococci, bacterial rods, corynebacteria and pseudomonads (except the causative agent of tuberculosis).

Contraindications

No contraindications observed when used at recommended doses.

Side effects

No side effects observed when used at recommended doses according to indications.

Target animals

Cattle, small ruminants.

Method of administration and dosage

Administered intracisternally.

Cattle

10 ml per affected quarter of the udder, once every 12–24 hours.

Small ruminants

5 ml per affected quarter of the udder, once every 12–24 hours.

During dry period

10 ml administered intracisternally into each affected quarter 10–14 days after the last milking.

Withdrawal period

During treatment, milk obtained from healthy quarters may be used for animal feeding after boiling.

Milk may be used for human consumption **2 days after the last administration** of the product.

Meat withdrawal period: **5 days**.

Special warnings

Special precautions for use in target animals

The product should be administered at the beginning of the dry period.

Before administration, milk out all four quarters and treat the teats with a disinfectant solution.

Insert the catheter or injector tube into the teat canal and carefully administer the product into the affected quarter.

After removing the catheter or injector tube, compress the teat canal for 1–2 minutes.

To ensure distribution, gently massage the teat and udder.

Special precautions for persons administering the product

Do not eat, drink or smoke while handling the veterinary medicinal product.

Persons with known hypersensitivity to the product should avoid contact.

Interactions

Do not use together with bacteriostatic antibiotics.

Overdose

Overdose is unlikely when used according to instructions.

Storage conditions

Store in a dry, cool place protected from light at a temperature of **15–25°C**.

Shelf life: **2 years**.

Disposal

Do not dispose into sewage or household waste. For proper disposal of unused product and/or packaging, consult your veterinarian. Compliance with these measures helps protect the environment.

Presentation

10 ml single-dose polyethylene syringe.

For veterinary use only.

Supplied by veterinary prescription.

Keep out of reach of children.

Manufacturer

LLC **Biotechs**, Georgia, Tbilisi, Yumashvili St. #8