

Package Insert

CloxaMax 600

Cloxacillin

Intramammary oily suspension for veterinary use

For cattle and small ruminants

Composition

Each **10 ml** contains:

- **Cloxacillin sodium – 600 mg**

Excipients: Petrolatum (Vaseline), sunflower oil.

Description: White, yellowish or cream-colored oily suspension with a characteristic odor. Layer separation may occur during storage.

Pharmacological Properties

The active ingredient, **cloxacillin benzoate**, is a beta-lactam antibiotic belonging to the penicillin group. It is active against Gram-positive bacteria, including penicillin G-resistant staphylococci (**Staphylococcus aureus**), as well as **Streptococcus agalactiae**, **Streptococcus uberis**, **Streptococcus dysgalactiae**, **Corynebacterium pyogenes**, **Clostridium perfringens**, **Clostridium anacellustudo**, **Bacillus anthracis**, and the Gram-negative microorganism **Neisseria spp.**

It is less effective against infections caused by **Escherichia coli (E. coli)** and **Klebsiella spp.**

Pharmacokinetics

Following intramammary administration, the active substance is rapidly distributed throughout the mammary gland. The antibiotic binds to membrane-associated proteins known as **penicillin-binding proteins (PBPs)** and exerts a bactericidal effect.

The active substance is practically not absorbed from the mammary gland into the systemic circulation, undergoes virtually no biotransformation, and is excreted almost unchanged in the milk.

Indications

The product is indicated for the treatment of **acute and subclinical mastitis** during the dry period in cattle and small ruminants caused by **streptococci, staphylococci, and other penicillinase-producing Gram-positive bacteria**.

Contraindications

Do not use in animals with known hypersensitivity to the active substance or any of the excipients.

Adverse Reactions

No adverse reactions have been observed when the product is used according to the recommended dosage.

Target Species

- Cattle
 - Small ruminants
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Dosage and Administration

For **intramammary administration** only.

Cattle (at drying-off)

Administer **one syringe (10 ml)** into each quarter of the udder as a single dose.

Small ruminants

Administer **half of the above dose (5 ml)** into each udder quarter as a single dose.

Withdrawal Period

Meat: 28 days.

Milk: Do not use in animals with a dry period of less than **4 weeks**, to avoid drug residues in milk.

Special Warnings

Special precautions for use in target animals

Administer the product immediately after the start of the dry period.

Before administration, completely milk out all four quarters of the udder and disinfect the teats with an appropriate disinfectant solution.

Insert the cannula or injector tube carefully into the teat canal and administer the suspension gently.

After removing the cannula, pinch the teat canal closed for **1–2 minutes**.

Massage the udder gently after administration to ensure even distribution of the product.

Special precautions for persons administering the veterinary medicinal product

Observe standard rules of personal hygiene and safe handling of veterinary medicinal products.

Persons with known hypersensitivity to the product should avoid contact with it.

Avoid contact with skin and eyes.

Always wear disposable gloves during administration.

Wash hands thoroughly with soap and running water after use.

Interactions

Do not administer simultaneously with other **bacteriostatic antibiotics**.

Overdose

Overdose is unlikely when the product is used according to the recommended instructions.

Storage Conditions

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

Shelf life: 3 years.

Disposal

Do not dispose of via wastewater or household waste.

Ask your veterinarian how to dispose of unused product and/or its packaging properly.
These measures help protect the environment.

Pharmaceutical Form

10 ml single-dose polyethylene syringe.

For veterinary use only.

Keep out of the reach of children.

Pharmacotherapeutic Group

Beta-lactam antibacterial agent, penicillin for intramammary use.

ATCvet code: QJ51CF02 – Cloxacillin

Manufacturer

Biotechs LLC

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