MASTINPEL

BROAD-SPECTRUM ANTIBIOTIC
INTRAMAMMARY SUSPENSION
Health Registration No.: 2C1-4895-AGROCALIDAD

Formula:

Each 100 g contains:

Ampicillin sodium	75 mg
Cloxacillin sodium	200 mg
Excipients q.s.	10 g

SPECIES AND DOSAGE:



Species	Administration
Cattle	Prior to treatment, clean and disinfect the teats and perform a thorough milking. Administer the contents of one syringe of the product intramammarily into each affected quarter.
Sheep and Swine	Prior to treatment, clean and disinfect the teats. Administer the contents of half a syringe into each affected quarter.

DOSAGE
Repeat every **12 hours for 3 to 5 days**, or according to the veterinarian's discretion. In all cases, massage the udder to help distribute the product.

ROUTE OF ADMINISTRATION: Intramammary.

INDICATIONS

Intramammary antibiotic indicated for the control and treatment of clinical and subclinical mastitis caused by: Staphylococcus spp., Streptococcus spp., and Escherichia coli, in lactating animals.

ROUTE OF ADMINISTRATION: Intramammary.

PHARMACOKINETICS

Ampicillin: It is widely distributed in many tissues. Ampicillin crosses the placenta, but is considered relatively safe for use during pregnancy. It binds to plasma proteins (primarily albumin) at a rate of approximately 20%. Ampicillin is eliminated primarily via renal mechanisms, mainly by tubular secretion. The exact pharmacokinetics following intramammary administration have not been reported.

Cloxacillin: It is widely distributed throughout body fluids. It reaches levels in milk and the placenta. It is eliminated via urine at 75% unchanged, and 10% is excreted in bile. The exact pharmacokinetics following intramammary administration have not been reported.

MECHANISM OF ACTION

Like other penicillins, ampicillin and cloxacillin act by inhibiting cell wall synthesis. Ampicillin and other aminopenicillins have increased activity against many strains of Gram-negative aerobic bacteria not covered by natural penicillins or penicillinase-resistant penicillins.

PRECAUTIONS – WARNINGS - CONTRAINDICATIONS

- Do not use in combination with tetracyclines.
- Do not use in animals with hypersensitivity to penicillins.

DRUG INTERACTIONS

Ampicillin may reduce the renal excretion of methotrexate, increasing drug levels and the risk of toxic effects.

Mixing with other drugs is not recommended, as it may result in the inactivation of its antibiotic effect.

ADVERSE REACTIONS

Adverse effects associated with penicillins are generally mild and occur relatively infrequently.

WITHDRAWAL

Meat: 10 days.
Milk: 72 hours.

COMMERCIAL PRESENTATIONS

Syringe, 10 g (box of 4
Bucket, 36 syringes