

# Juraclox L.A. 600

## Dry Cow

### Long Acting Intramammary Suspension



#### Active Constituents

Cloxacillin (as benzathine) 600 mg.

#### Actions

Juraclox L.A. 600 Dry Cow Long Acting Intramammary Suspension is formulated for routine treatment of cows at drying off. The formulation and base provide effective concentrations of antibiotics in the udder for a period of seven weeks, to eliminate the majority of existing infections and to reduce substantially the incidence of new infections. The formulation is bactericidal, causing the death of organisms at the concentrations achieved in the udder tissues, and is non-irritant to the udder tissues. The extended period of seven to eight weeks antibiotic activity in the dry cow results from the relatively insoluble benzathine salt combined with the long acting base. The persistence of its activity makes this preparation unsuitable for use in lactating cows. It is presented in syringes for intramammary infusion and is designed to be used in the dairy cow at the point of drying off, that is, immediately after the last milking of the lactation.

#### Microbiology

Cloxacillin is a semi-synthetic penicillin derived from the penicillin nucleus, 6-aminopenicillanic acid. It is active against Gram-positive organisms associated with mastitis. It is effective against:

- *Streptococcus agalactiae* and other *Streptococcus* spp.
- Penicillin resistant and sensitive *Staphylococcus* spp.
- *Corynebacterium pyogenes*.
- Other species susceptible to cloxacillin.
- Cloxacillin is not destroyed by staphylococcal penicillinase and is therefore active against penicillin resistant *Staphylococci*, an important cause of mastitis. The formulation is bactericidal, causing the death of organisms at the concentrations achieved in the udder tissues, and is non-irritant to the udder tissues.

#### Indications

Routine treatment of cows at drying off, eliminating the majority of existing infections and substantially reducing the incidence of new infections.

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#### Contraindications

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DO NOT USE in lactating cows or within 35 days of calving.

#### Precautions

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If accidentally administered within 35 days of calving or to a lactating animal, contact your prescribing veterinarian for advice. This product should not be used in cows exhibiting sensitivity to penicillin.

#### Withholding Periods

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**Milk:** DO NOT USE in lactating cows or within 35 days of calving. After calving, milk taken from treated cows must not be used for human consumption or supplied for processing for 96 hours (8 milkings).

**Meat:** 30 days.

#### Trade Advice

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**Export Slaughter Interval (ESI):** This product does not have an ESI established. For advice on the ESI, contact AVet Health on 1300 28 38 28 before using the product.

#### Dosage and Administration

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Wear clean, rubber gloves when applying.

At the final milking of a lactation, milk the cow normally. Clean and disinfect the teat ends using rubbing alcohol or iodophors or other suitable cleanser. Infuse the contents of one syringe into each quarter and leave without further milking. Dip all teats after infusion with an approved teat disinfectant.

#### First Aid

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If poisoning occurs, contact a doctor or Poisons Information Centre. Phone: Australia 13 1126.

#### Presentation

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Syringe containing 3.6 grams.

Pails of 200 syringes.

#### Storage

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Store below 30°C (room temperature).

#### GHS Information

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See Safety Data Sheet for GHS information.

#### Poisons Schedule

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S4.

#### Registration Number

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APVMA No. 50239