

# Ceftisel

INTRAMAMMARY SUSPENSION  
(FOR LACTATING COW)

For Veterinary Use Only

## COMPOSITION

Each 10ml Syringe contains:  
Ceftiofur as hydrochloride..... 125mg

## INDICATIONS:

Ceftisel Intramammary suspension is used for treatment of clinical and diagnosed subclinical mastitis in lactating cows associated with bacteria's sensitive to ceftiofur.

## DOSAGE

Cow: Disinfect the affected quarter with alcohol pad and Infuse one syringe to each affected quarter repeat in 24 Hours. Treatment may be repeated for up to 8 consecutive days.

## ADMINISTRATION

Wash teats thoroughly with warm water containing a suitable dairy antiseptic. Dry teats thoroughly. Milk out udder completely. Twist off the outer cap with your thumb and forefinger, insert the exposed full cannula gently into the teat and push the syringe plunger continuously until the infusion is injected. Please follow what shown in the picture and avoid contamination of the cannula.

## PHARMACOLOGICAL PROPERTIES:

### Pharmacodynamics properties:

Ceftiofur is a third generation cephalosporin antibiotic, which is active against many Gram-positive and Gram-negative pathogens. Ceftiofur inhibits the bacterial cell wall synthesis, thereby exerting bactericidal properties. Ceftiofur is particularly active against the following target pathogens causing respiratory and other diseases in pigs: *Actinobacillus pleuropneumoniae*, *Pasteurella multocida*, *Haemophilus parasuis*, and *Streptococcus suis*. *Bordetella bronchiseptica* is inherently

insensitive to ceftiofur in vitro.

### Pharmacokinetic properties:

Protein binding of ceftiofur and its major metabolite is approximately 70%. One hour after a single administration, plasma concentrations are above 1 µg/ml. Maximum concentrations in plasma ( $4.2 \pm 0.9$  µg/ml) are reached at approximately 22 hours after administration. Plasma concentrations above 0.2 µg/ml of ceftiofur and its metabolite are maintained for an appropriate period of time. Approximately 60 % and 15 % of the dose are excreted in the urine and faeces, respectively, within 10 days after administration.

## WITHDRAWAL PERIOD

**Milk:** 72 Hours

**Meat:** 48 Hours

## PRECAUTIONS:

Do not administer to animals with hypersensitivity to active ingredient. Store between 15-25°C in a cool and dry place. Consult the veterinarian before use. Keep out of the reach of children.

## Innovator's Specs.



 **Selmore**  
Pharmaceuticals (Pvt) Ltd.

Manufactured by:  
Selmore Pharmaceuticals (Pvt) Ltd.  
36 Km Multan Road, Lahore, Pakistan.

