Vetacef 200

200 mg/ml Ceftiofur

Suspension for intramuscular, subcutaneous injection for cattle and pigs

COMPOSITION PER ML

Ceftiofur (as ceftiofur crystalline free acid) ……..200 mg

White to pale yellow suspension containing white sediment that disperses easily when the content is shaken.

INDICATIONS

For the treatment of bacterial respiratory, gastrointestinal and urinary tract disease; septicaemia, peritonitis, polyarthritis, polyserositis, wounds, postpartum infections, mastitis; necrobacillosis and other infections caused by organisms sensitive to ceftiofur in cattle and pigs.

DOSAGE AND ADMINISTRATION

The dose should be given as a single intramuscular injection in pigs and subcutaneous injection in cattle.

- Cattle: administer as a single subcutaneous injection in the posterior aspect of the ear where it attaches to the head (base of the ear) at a dosage of 1 ml per 30 kg body weight (6,6 mg of ceftiofur per kg body weight). Do not inject more than 30 ml per injection site.
- Pigs: administer as a single intramuscular injection at a dosage of 1 ml per 40 kg body weight (5 mg of ceftiofur per kg body weight). Do not inject more than 4 ml per injection site.

Shake bottle vigorously. If the temperature is low, warm up the bottle in a water bath to an animal's body temperature.

PHARMACOLOGICAL PROPERTIES

Ceftiofur (as crystalline free acid of ceftiofur) is a long-acting, single-dose, injectable third-generation cephalosporin antibiotic with a broad spectrum of bactericidal action against both Gram-positive and Gram-negative bacteria including ß-lactamase-producing strains, as well as some strains of anaerobes: Escherichia coli, Pasteurella spp., Haemophilus spp., Actinobacillus pleuropneumoniae, Salmonella spp., Streptococcus spp., Staphylococcus spp., Actinomyces pyogenes, Klebsiella spp., Citrobacter spp., Enterobacter spp., Bacillus spp., Proteus spp., Fusobacterium necrophorum.

Like other cephalosporins, ceftiofur is a bactericidal antibiotic that interferes with cell-wall synthesis by inactivating transpeptidase. After administration, ceftiofur is quickly metabolised to desfuroylceftiofur, the principal active metabolite. It has an antimicrobial activity similar to that of ceftiofur against the target pathogens. Maximum concentrations in plasma are reached at approximately 12 hours following administration to cattle and 22 hours after administration to pigs and remain at therapeutic plasma levels for an average of 7 days after a single treatment. Active metabolite reversibly binds to plasma protein and concentrates in infected tissues (necrotic tissues do not decrease its activity). Approximately 70% and 12-15% of the dose are excreted in the urine and faeces respectively.

CONTRAINDICATIONS

Do not use in cases of known hypersensitivity to the active substance or other cephalosporins. In such an event, antihistamine and symptomatic therapy should be undertaken as appropriate.

ADVERSE REACTIONS

No undesirable effects are to be expected when the prescribed dosage regimen is followed.

In cattle, mild inflammatory reactions such as hardness at the injection site have been observed in some animals.

DRUG INTERACTIONS

This veterinary medicinal product must not be mixed with other veterinary medicinal products.

Concurrent administration of bacteriostatic agents reduces the antimicrobial efficacy of the product.

WITHDRAWAL PERIODS

Cattle:	Meat:	20 days
	Milk:	0 hours
Pigs:		71 days

SPECIAL WARNINGS

Dispose of any unused product and empty containers in accordance with guidance from your local waste regulation authority.

USER WARNINGS

Care should be taken to avoid accidental self-injection. In the case of accidental self-injection, seek medical advice immediately.

Do not handle this product if you know you are sensitised, or if you have been advised not to work with such preparations.

Handle this product with great care to avoid exposure, taking all recommended precautions. If you develop symptoms following exposure such as a skin rash, you should seek medical advice and show the doctor this warning. Swelling of the face, lips, eyes or difficulty with breathing, are more serious symptoms and require urgent medical attention. Wash hands after use.

STORAGE CONDITIONS AND SHELF LIFE

Store in the original package between 5°C to 25°C, protected from light and moisture.

Shelf life of the veterinary medicinal product as packaged for sale: 2 years.

Shelf life after first opening the container: 10 days.

Do not use this veterinary product after the expiry date which is stated on the label.

Keep out of the reach and sight of children.

MARKETING PACKAGING

Vetacef 200 is marketed in glass vials of 10, 20, 25, 50, 100, 200, 400, 450, 500 ml.

MANUFACTURER

Belekotechnika Ltd, 9 Promyshlenny lane, 222823 Svisloch, Pukhovichi region, Minsk area, the Republic of Belarus.

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