



CEFENIL® RTU

(ceftiofur hydrochloride) Injection

Broad-spectrum Cefenil® RTU (ceftiofur hydrochloride) Injection is the industry's first generic, ready-to-use, veterinary-prescription, ceftiofur hydrochloride injectable. Low viscosity makes it easier to syringe than Excenel® RTU EZ (ceftiofur hydrochloride) Sterile Suspension.¹

- Broad-spectrum cephalosporin antibiotic
- Treats bovine respiratory disease (BRD)
- Treats Foot Rot and acute metritis
- 3-day withdrawal in cattle and no milk discard time required
- Fits existing protocols:
 - Treats lactating dairy cows with zero milk discard
 - Treatment timing coincides with fresh cow evaluations
- Treats swine respiratory disease (SRD)
- 4-day withdrawal in swine
- Ready-to-use formulation
- Available in 100 mL and 250 mL vials
- FDA approved



 CATTLE For intramuscular or subcutaneous use in cattle, including lactating dairy cattle. Not for use in calves to be processed for veal.	
Disease	Bacteria
Treatment of bovine respiratory disease (BRD, shipping fever, pneumonia) associated with	<i>Mannheimia haemolytica</i> <i>Pasteurella multocida</i> <i>Histophilus somni</i>
Treatment of acute bovine interdigital necrobacillosis (Foot Rot, pododermatitis) associated with	<i>Fusobacterium necrophorum</i> <i>Bacteroides melaninogenicus</i>
Acute metritis (0-14 days post-partum) associated with	bacterial organisms susceptible to ceftiofur
 SWINE For intramuscular use in swine.	
Disease	Bacteria
Treatment and control of swine bacterial respiratory disease (swine bacterial pneumonia) associated with	<i>Actinobacillus (Haemophilus) pleuropneumoniae</i> <i>Pasteurella multocida</i> <i>Salmonella choleraesuis</i> <i>Streptococcus suis</i>

¹Reference on file.

Observe label directions and withdrawal times. Not for use in calves to be processed for veal. As with all drugs, the use of Cefenil® RTU (ceftiofur hydrochloride sterile suspension) is contraindicated in animals previously found to be hypersensitive to the drug. See product labeling for full product information.

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For more information, scan this QR code, stop by your local animal health provider, or visit Norbrook.com



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Cefenil® RTU

(ceftiofur hydrochloride sterile suspension)

For intramuscular and subcutaneous use in cattle and intramuscular use in swine. This product may be used in lactating dairy cattle. Not for use in calves to be processed for veal.

CAUTION: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian. Federal law prohibits extra-label use of this drug in cattle and swine for disease prevention purposes; at unapproved doses, frequencies, durations, or routes of administration; and in unapproved major food producing species/production classes.

DESCRIPTION

CEFENIL® RTU (ceftiofur hydrochloride sterile suspension) is a ready to use formulation that contains the hydrochloride salt of ceftiofur, which is a broad spectrum cephalosporin antibiotic. Each mL of this ready-to-use sterile suspension contains ceftiofur hydrochloride equivalent to 50 mg ceftiofur, 5.73 mg aluminum monostearate, 1.03 mg sorbitan monooleate and medium chain triglycerides.

Structure:

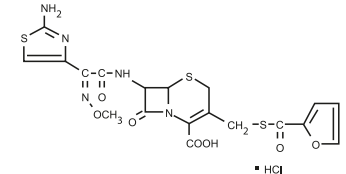


Figure 1
Chemical Name of Ceftriaxone Hydrochloride: 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[[2-amino-4-thiazolyl] (methoxyimino) acetyl]amino]-3-[[[2-(7-uranylcarbonyl)thio]methyl]-8-oxo-, hydrochloride salt [6R-[6α,7β(2Z)]]-

INDICATIONS

Swine: CEFENIL RTU is indicated for treatment/control of swine bacterial respiratory disease (swine bacterial pneumonia) associated with *Actinobacillus (Haemophilus) pleuropneumoniae*, *Pasteurella multocida*, *Salmonella choleraesuis* and *Streptococcus suis*.

Cattle: CEFENIL RTU is indicated for treatment of the following bacterial diseases:

- Bovine respiratory disease (BRD, shipping fever, pneumonia) associated with *Mannheimia haemolytica*, *Pasteurella multocida* and *Histophilus somni*.
- Acute bovine interdigital necrobacillosis (foot rot, pododermatitis) associated with *Fusobacterium necrophorum* and *Bacteroides melaninogenicus*.
- Acute metritis (0 to 14 days post-partum) associated with bacterial organisms susceptible to ceftiofur.

DOSAGE AND ADMINISTRATION

Shake for 90 seconds to ensure complete resuspension before using.
Swine: Administer intramuscularly at a dosage of 1.36 to 2.27 mg ceftiofur equivalents/lb (3.0 to 5.0 mg/kg) BW (1 mL of sterile suspension per 22 to 37 lb BW). Treatment should be repeated at 24 h intervals for a total of three consecutive days.

Cattle: - For bovine respiratory disease and acute bovine interdigital necrobacillosis: administer by intramuscular or subcutaneous administration at the dosage of 0.5 to 1.0 mg ceftiofur equivalents/lb (1.1 to 2.2 mg/kg) BW (1 to 2 mL sterile suspension per 100 lb BW). Administer daily at 24 h intervals for a total of three consecutive days. Additional treatments may be administered on Days 4 and 5 for animals which do not show a satisfactory response (not recovered) after the initial three treatments. In addition, for BRD only, administer intramuscularly or subcutaneously 1.0 mg ceftiofur equivalents/lb (2.2 mg/kg) BW every other day on Days 1 and 3 (48 h interval). Do not inject more than 15 mL per injection site.

Selection of dosage level (0.5 to 1.0 mg/lb) and regimen/duration (daily or every other day for BRD only) should be based on an assessment of the severity of disease, pathogen susceptibility and clinical response.

- For acute post-partum metritis: administer by intramuscular or subcutaneous administration at the dosage of 1.0 mg ceftiofur equivalents/lb (2.2 mg/kg) BW (2 mL sterile suspension per 100 lb BW). Administer at 24 h intervals for five consecutive days. Do not inject more than 15 mL per injection site.

CONTRAINDICATIONS

As with all drugs, the use of CEFENIL RTU is contraindicated in animals previously found to be hypersensitive to the drug.

WARNINGS

NOT FOR HUMAN USE. KEEP OUT OF REACH OF CHILDREN.

Penicillins and cephalosporins can cause allergic reactions in sensitized individuals. Topical exposures to such antimicrobials, including ceftiofur, may elicit mild to severe allergic reactions in some individuals. Repeated or prolonged exposure may lead to sensitization. Avoid direct contact of the product with the skin, eyes, mouth, and clothing. Persons with a known hypersensitivity to penicillin or cephalosporins should avoid exposure to this product. In case of accidental eye exposure, flush with water for 15 minutes. In case of accidental skin exposure, wash with soap and water. Remove contaminated clothing. If allergic reaction occurs (e.g., skin rash, hives, difficult breathing), seek medical attention. The safety data sheet contains more detailed occupational safety information. To report suspected adverse drug events, for technical assistance or to obtain a copy of the safety data sheet (SDS), contact Norbrook at 1-866-591-5777. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or online at www.fda.gov/reportanimalae.

RESIDUE WARNINGS:

Swine: When used according to label indications, dosage, and route of administration, treated swine must not be slaughtered for 4 days following the last treatment.

Use of dosages in excess of those indicated or by unapproved routes of administration may result in illegal residues in edible tissues.
Cattle: When used according to label indications, dosage and route of administration, treated cattle must not be slaughtered for 3 days following the last treatment. When used according to label indications, dosage and route of administration, a milk discard time is not required. Uses of dosages in excess of those indicated or by unapproved routes of administration, such as intramammary, may result in illegal residues in edible tissues and/or milk. A withdrawal period has not been established in pre-ruminating calves. Do not use in calves to be processed for veal.

