**Zoetis Dry Cow Tubes Stand Up to the Competition.**

<table>
<thead>
<tr>
<th>BRAND</th>
<th>SPECTRAMAST® DC*</th>
<th>QUARTERMASTER®</th>
<th>ALBADRY PLUS®</th>
<th>ToMORROW® Cefal-Dri™</th>
<th>Orbenin®-DC</th>
<th>Dry-Clox®</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVE INGREDIENT</td>
<td>Cefotiofur 500 mg</td>
<td>Penicillin 1 million IU and dihydrostreptomycin 1 g</td>
<td>Penicillin 200,000 IU and novobiocin 400 mg</td>
<td>Cephalixin 300 mg</td>
<td>Cloxacillin 500 mg</td>
<td>Cloxacillin 500 mg</td>
</tr>
<tr>
<td>INDICATIONS</td>
<td>Treatment</td>
<td>Treatment and prevention of infections</td>
<td>Treatment of subclinical mastitis</td>
<td>Treatment of mastitis</td>
<td>Treatment and prophylaxis of mastitis</td>
<td>Treatment of mastitis</td>
</tr>
<tr>
<td>LABELED PATHOGENS</td>
<td>Staph. aureus Strep. dysgalactiae Strep. uberis</td>
<td>Staph. aureus Strep. agalactiae</td>
<td>Staph. aureus Strep. agalactiae</td>
<td>Staph. aureus Strep. agalactiae</td>
<td>Staph. aureus Strep. agalactiae</td>
<td></td>
</tr>
<tr>
<td>PRE-SLAUGHTER WITHDRAWAL*</td>
<td>16 days</td>
<td>60 days</td>
<td>30 days</td>
<td>42 days</td>
<td>28 days</td>
<td>30 days</td>
</tr>
<tr>
<td>MILK DISCARD**</td>
<td>0 hours</td>
<td>96 hours</td>
<td>72 hours</td>
<td>72 hours</td>
<td>0 hours</td>
<td>0 hours</td>
</tr>
<tr>
<td>DRY PERIOD LENGTH</td>
<td>30 days</td>
<td>42 days</td>
<td>30 days</td>
<td>30 days</td>
<td>28 days</td>
<td>30 days</td>
</tr>
<tr>
<td>AVAILABILITY</td>
<td>RX</td>
<td>RX</td>
<td>OTC</td>
<td>OTC</td>
<td>RX</td>
<td>RX</td>
</tr>
</tbody>
</table>

*After last administration (or treatment)
**Milk discard times begin at first milking post freshening and require completion of a minimum dry cow period.

**Key Features:**
- Unique combination of penicillin and novobiocin provides reliable therapy for subclinical mastitis in dry cows
- Has a synergistic effect on bacterial isolates from bovine intramammary infections
- Bactericidal activity against the two common mastitis-causing pathogens — Staph. aureus and Strep. agalactiae
- Helps eliminate single-antibiotic failures and reduces the likelihood of resistance

**Important Safety Information:** As with all drugs, SPECTRAMAST DC should not be used in animals found to be hypersensitive to the product.

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**Critical Information:**

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**Trademark Information:**
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**SPECTRAMAST® DC**

**brand of ceftiofur hydrochloride sterile suspension**

**FOR USE IN ANIMALS ONLY — NOT FOR HUMAN USE**

**CAUTION:** Read (1-8-36) carefully in its entirety in order to use this product safely.

**DESCRIPTION:** Ceftiofur hydrochloride is a cephalosporin antibiotic that acts by inhibiting bacterial cell wall synthesis. It is formulated in oil-based sterile suspension and is designed to be used in dairy cattle for the treatment of subclinical mastitis.

**CLINICAL MICROBIOLOGY**

Ceftiofur hydrochloride is effective against a wide range of gram-positive and gram-negative bacteria, including Staphylococcus aureus, Staphylococcus epidermidis, Staphylococcus carnosus, Staphylococcus albus, Staphylococcus cohnii, Staphylococcus hominis, Staphylococcus warneri, Staphylococcus sciuri, Staphylococcus capitis, Staphylococcus caprae, Staphylococcus鬻entarius, Staphylococcus haemolyticus, Staphylococcus lugdunensis, Staphylococcus sciuri, Staphylococcus simulans, Staphylococcus schleiferi, Staphylococcus varius, Streptococcus bovis, Streptococcus equisimilis, Streptococcus agalactiae, Streptococcus dysgalactiae, Streptococcus uberis, Streptococcus bovis, Streptococcus gallolyticus, Streptococcus equisimilis, Streptococcus anginosus, Streptococcus mitis, Streptococcus salivarius, Streptococcus sanguinis, Streptococcus intermedius, Streptococcus uberis, Streptococcus dysgalactiae, and Streptococcus bovis. It is also effective against Escherichia coli, Klebsiella pneumoniae, Enterobacter cloacae, Proteus mirabilis, Providencia stuartii, Serratia marcescens, Enterobacter aerogenes, Citrobacter freundii, Morganella morganii, Pseudomonas aeruginosa, Proteus vulgaris, and Acinetobacter baumannii. It is not effective against Pseudomonas aeruginosa, Enterococcus faecalis, and Enterococcus faecium.

**INDICATIONS:** Ceftiofur hydrochloride is indicated for the treatment of subclinical mastitis in dairy cattle.

**DIRECTIONS FOR USE:**

1. **Preparation:**
   - Shake vigorously for 10 seconds immediately before using.
   - Ensure the product is well mixed before use.

2. **Administration:**
   - Full Insertion:
     - Remove the white end cap by pulling straight up on the end cap. If the end cap cannot be removed, carefully pierce it with a sterile 22-gauge needle.
     - Using an alcohol pad provided, wipe off the end of the affected teat and carefully infuse the product.
   - Partial Insertion:
     - Insert the needle until it is just outside the end of the teat. Do not inject too much volume per teat.

3. **Post Use:**
   - Rinse teats thoroughly with warm water containing a suitable dairy antiseptic. Dry teats thoroughly. Milk out udder completely. Using an alcohol pad provided, wipe off the end of the affected teat and carefully infuse the product.

**WARNINGs:**

- Federal law restricts this drug to use by or on the order of a Federal (USA) law restricts this drug to use by or on the order of a duly licensed veterinarian.
- Keep out of reach of children.
- Do not use in animals with a history of hypersensitivity to this product.

**CONTRAINDICATIONS:**

- Ceftiofur hydrochloride is contraindicated in animals with a history of hypersensitivity to this product.

**SIDE EFFECTS/REACTIOnS:**

- Ceftiofur hydrochloride is generally well tolerated. No adverse formulation related events were noted during the entire study. A large multi-location clinical field study evaluating subclinical mastitis in dairy cattle at the time of dry off was effective for the treatment of subclinical mastitis in dairy cattle at the time of dry off. The material safety data sheet (MSDS) contains more detailed occupational safety information to obtain a MSDS, please call 1-800-733-5500.

**STORAGE CONDITIONS:**

Store at controlled room temperature 20° to 25° C (68° to 77° F) [see USP].

**SUPPLIED AS:**

Spectramast® DC is supplied in packages containing 10 mL PLASTET® Disposable Syringes with 144 individually wrapped 70% isopropyl alcohol pads.

**ATTENTION DOCTOR:**

It is your responsibility to inform your client of the warnings stated above as to avoid administration of meat or milk and possible prosecution under Federal law.

**HUMAN USE:**

For human use, ceftiofur hydrochloride is not intended for use by or on the order of a Federal law restricts this drug to use by or on the order of a duly licensed veterinarian.