

# Cefuzrom 125 Dry Syrup

Here is the information for Cefuroxime (125mg) Dry Syrup:

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## Information for the Use

### Cefuroxime (125mg) Dry Syrup

#### Composition:

Each 5 mL of reconstituted syrup contains:

- Cefuroxime (as Cefuroxime Axetil): 125 mg

#### Indications:

Cefuroxime is an antibiotic used to treat a variety of bacterial infections. It is effective against both Gram-positive and Gram-negative bacteria. The common indications include:

- **Respiratory Tract Infections:** For the treatment of conditions such as pneumonia, bronchitis, and sinusitis.
- **Ear Infections (Otitis Media):** Used for the treatment of middle ear infections.
- **Urinary Tract Infections (UTIs):** Effective for infections of the bladder or kidneys.
- **Skin and Soft Tissue Infections:** It is used for various skin infections, including cellulitis.
- **Gonorrhea:** It is also used in the treatment of uncomplicated gonococcal infections.
- **Pharyngitis and Tonsillitis:** Effective against throat infections caused by susceptible bacteria.

#### Mechanism of Action:

Cefuroxime is a second-generation cephalosporin antibiotic that works by inhibiting the bacterial cell wall synthesis. It binds to specific proteins (penicillin-binding

proteins) on the bacteria, weakening the cell wall and causing bacterial cell death.

Cefuroxime is bactericidal, meaning it kills the bacteria rather than just inhibiting its growth.

## Dosage and Administration:

- **Children:** The dose of cefuroxime for children depends on the type and severity of the infection. Typically, the dosage is 20 to 30 mg/kg/day divided into two doses. The syrup should be taken in divided doses every 12 hours.
- **For common infections:**
  - For mild to moderate infections, the usual recommended dose is 125 mg twice a day.
  - More severe infections may require higher doses, as directed by the healthcare provider.
- **Reconstitution:**
  - To prepare the syrup, add the required amount of water to the bottle (as indicated on the label) to make a 5 mL suspension containing 125 mg of cefuroxime. Shake well to mix.
  - After preparation, the syrup should be stored in the refrigerator and used within the time specified on the bottle.
- **Administration:**
  - Shake the bottle well before each dose to ensure uniform suspension.
  - Administer the syrup as per the prescribed dose using the measuring spoon or cup provided.
  - Cefuroxime syrup can be taken with or without food, but taking it with food may reduce stomach upset.

## Contraindications:

- **Hypersensitivity:** Do not use if you have a known allergy to cefuroxime, other cephalosporins, or any of the ingredients in the syrup.
- **Severe Penicillin Allergy:** If you have a history of severe allergic reactions to penicillin or other beta-lactam antibiotics, consult your healthcare provider before using cefuroxime.

#### **Precautions:**

- **Allergic Reactions:** Inform your doctor of any history of allergic reactions to antibiotics, particularly cephalosporins or penicillins.
- **Renal Impairment:** Dose adjustments may be needed in patients with impaired kidney function.
- **Gastrointestinal Disorders:** Use with caution in patients with gastrointestinal issues like colitis (inflammation of the colon) or a history of intestinal problems.
- **Pregnancy and Breastfeeding:** Cefuroxime should be used during pregnancy only if clearly needed. It is excreted in breast milk, so consult your healthcare provider before breastfeeding.

#### **Possible Side Effects:**

##### **Common side effects:**

- **Diarrhea**
- **Nausea or vomiting**
- **Abdominal pain or discomfort**
- **Rash or itching**
- **Headache**
- **Oral thrush (fungal infection in the mouth)**

##### **Serious side effects (less common but requiring medical attention):**

- **Severe allergic reactions:** Rash, swelling, dizziness, or trouble breathing.
- **Severe diarrhea:** Often caused by *Clostridium difficile*, a bacteria that can overgrow during antibiotic treatment.

- **Liver or kidney problems:** Signs include yellowing of the skin or eyes, dark urine, or changes in urine output.
- **Blood disorders:** Unexplained bruising, bleeding, or prolonged fever.

#### **Drug Interactions:**

- **Probenecid:** Can increase cefuroxime levels in the blood, potentially enhancing its effects and side effects.
- **Aminoglycosides:** Combining with certain other antibiotics like gentamicin may increase the risk of kidney damage.
- **Oral Contraceptives:** While rare, antibiotics like cefuroxime may reduce the effectiveness of birth control pills, so an additional contraceptive method may be advised.

#### **Storage:**

- **Store the dry syrup bottle in a cool, dry place before reconstitution.**
- **After reconstitution, store the syrup in the refrigerator (2°C - 8°C).**
- **The reconstituted syrup should be used within the period recommended on the label, typically within 7-14 days.**
- **Keep out of the reach of children.**

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**Note:** Always consult your healthcare provider before starting or adjusting any medication regimen, particularly for children, pregnant or breastfeeding women, or individuals with pre-existing medical conditions.

Manufactured in India for:

**Cafoli**<sup>TM</sup>  
L I F E C A R E  
Cafoli Lifecare Pvt. Ltd.

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