

DOTMOX - S

Amoxicillin Sodium I.P. & Sulbactam Sodium U.S.P. Veterinary Dry Injection Veterinary Use Only

Description

A veterinary injectable dry powder combining **Amoxicillin Sodium**, a broad-spectrum beta-lactam antibiotic, with **Sulbactam Sodium**, a potent beta-lactamase inhibitor. This combination enhances the efficacy of amoxicillin by protecting it from degradation by beta-lactamase producing bacteria. The powder requires reconstitution with sterile water prior to injection.

Composition

- **Amoxicillin Sodium I.P.** equivalent to Amoxicillin: 3 gm
- **Sulbactam Sodium U.S.P.** equivalent to Sulbactam: 1.5 gm
- **Sterile Water for Injection:** Provided free for reconstitution
- **Excipients:** Suitable stabilizers and buffers (q.s.)

Category

- Veterinary Injectable Antibiotic with Beta-lactamase Inhibitor

Indications

Effective against a broad spectrum of bacterial infections including:

- Respiratory tract infections
- Mastitis
- Wound and soft tissue infections
- Urinary tract infections
- Septicaemia
- Other systemic bacterial infections caused by beta-lactamase producing bacteria

Route of Administration

- Intramuscular (IM) or intravenous (IV) injection as per veterinary guidance
- Reconstitute the dry powder with the supplied sterile water before administration

Dosage & Administration

- Dosage depends on animal species, weight, and infection severity
- Common dosage range: 10-20 mg/kg body weight every 12 hours or as directed by the veterinarian
- Reconstitute immediately before use; use aseptic technique
- Discard reconstituted solution after 24 hours if unused

Advantages

- Enhanced antibacterial spectrum due to sulbactam's beta-lactamase inhibition
- Stable dry powder form increases shelf life
- Comes with sterile water for easy reconstitution
- Suitable for a wide range of veterinary bacterial infections

Precautions

- For veterinary use only, under veterinary prescription
- Check for penicillin allergies before use
- Avoid overdose and monitor for adverse reactions
- Do not mix with other drugs unless approved by a veterinarian

Storage

- Store dry powder below 25°C in a dry, dark place
- Store reconstituted solution refrigerated (2-8°C), use within 24 hours
- Protect from freezing

Adverse Effects

- Possible allergic reactions (rash, swelling, anaphylaxis)
- Injection site pain or irritation
- Occasional gastrointestinal disturbances

Schedule

- Prescription veterinary drug

Handling & Disposal

- Use aseptic technique during reconstitution and injection
- Dispose of vials and syringes as per veterinary medical waste regulations

HS & HSN Code

- **HS Code:** 2941.10 (Antibiotics)
- **HSN Code:** 30042019 (Other Veterinary Antibiotics)

Frequently Asked Questions (FAQs)

Q1: How to reconstitute this dry powder?

A: Inject the entire volume of supplied sterile water into the powder vial and swirl gently until dissolved.

Q2: Can this be given intravenously?

A: Yes, but only under veterinary supervision; intramuscular is common.

Q3: What if allergic reaction occurs?

A: Stop use immediately and contact your vet for alternative treatment.

Q4: Can this injection be mixed with other drugs?

A: Avoid unless instructed by a vet.

Q5: What is the withdrawal period?

A: Follow veterinarian instructions, typically 7-14 days for meat and milk.