

BRAND NAME: CLAVOMIN DS

Composition: Amoxycillin Potassium Clavulanate oral suspension

Dosage Form: oral suspension

Category: Antibiotic – Broad Spectrum (Beta-Lactam + Beta-Lactamase Inhibitor)

Packaging Type: HDPE

Packaging: 30 ml

Brief Product Introduction:

CLAVOMIN DS is a double-strength oral suspension formulated and manufactured by **AstraEureka Pharmaceutical**, combining **Amoxycillin 400 mg** and **Clavulanic Acid 57 mg** per 5 ml. Designed for pediatric use, this potent antibiotic blend delivers broad-spectrum coverage against beta-lactamase-producing bacteria. Amoxycillin, a penicillin-class agent, is paired with Clavulanic Acid, which inhibits beta-lactamase enzymes, enhancing its efficacy. CLAVOMIN DS is ideal for treating acute respiratory infections, ENT infections, urinary tract infections, and soft tissue infections in children. The flavoured suspension improves palatability and ensures better compliance in pediatric patients.

Composition:

Each 5 ml contains:

Amoxycillin Trihydrate IP equivalent to Amoxycillin.....	400 mg
Potassium Clavulanate Diluted IP equivalent to Clavulanic Acid.....	57 mg
Excipients.....	Q.S.
In a flavoured base.....	Q.S.

Key Ingredients:

- **Amoxycillin (400 mg/5 ml)** – Bactericidal antibiotic.
- **Clavulanic Acid (57 mg/5 ml)** – Beta-lactamase enzyme inhibitor.

Key Benefits:

1. Effective against resistant gram-positive and gram-negative bacteria.
2. Suitable for moderate to severe pediatric bacterial infections.
3. Enhanced compliance with flavoured, easy-to-administer suspension.
4. Dual-action formulation improves clinical outcomes.
5. Trusted safety profile in children.

Indications:

1. Acute otitis media, sinusitis, tonsillitis.
2. Lower and upper respiratory tract infections.
3. Urinary tract infections (UTIs).
4. Skin and soft tissue infections.
5. Dental abscesses.

Directions for Use:

1. Reconstitute with provided sterile water to the marked level.
2. Shake well before each use.
3. Use the measuring device for accurate dosing.

Dosage and Administration:

1. **Children:** Typically 45–70 mg/kg/day in divided doses.
2. Administer as per physician's prescription.
3. Complete full course even if symptoms improve early.

Safety Information:

1. Do not exceed recommended dosage.
2. Use under medical supervision only.
3. Monitor for allergic reactions, especially in penicillin-sensitive children.
4. Adjust dose in renal impairment.

Mechanism of Action:

- Amoxicillin inhibits bacterial cell wall synthesis, causing lysis and death.
- Clavulanic acid binds to beta-lactamase enzymes produced by resistant bacteria, preventing drug degradation.
- This synergistic combination expands the spectrum of antibacterial activity, particularly against beta-lactamase-producing strains.

Contraindications:

1. History of hypersensitivity to penicillins or cephalosporins.
2. Previous liver dysfunction or jaundice associated with this combination.

Side Effects:

1. Diarrhea, nausea, vomiting.
2. Skin rash, urticarial.

3. Rare: Liver enzyme abnormalities, superinfections.

Important Notice:

- CLAVOMIN DS should be used only under physician guidance.
- Ensure the child completes the full treatment course.
- Improper use may result in reduced efficacy or antibiotic resistance.

Storage Condition:

1. Store the dry powder below 25°C.
2. After reconstitution, refrigerate between 2°C–8°C.
3. Use within 7 days post-reconstitution.
4. Keep tightly closed and out of reach of children.

Packing Information:

- **30 ml HDPE bottle** with sterile water for reconstitution.
- Tamper-evident seal and dosing Measuring cap.

