

**\*\*Soframycin is a topical antibiotic cream containing framycetin, used to treat bacterial skin infections, minor wounds, burns, and ear infections. It is known for its fast-acting antibacterial properties and is for external use only.\*\***

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## **## 🧪 Chemical Composition**

- **\*\*Active Ingredient:\*\*** \*Framycetin sulfate\* (0.5% w/w)
- **\*\*Drug Class:\*\*** Aminoglycoside antibiotic
- **\*\*Formulation:\*\*** Cream or powder for topical application
- **\*\*Manufacturer:\*\*** Commonly produced by Encube Ethicals Pvt Ltd and other Indian pharmaceutical companies

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## **## 💊 Dosage & Administration**

- **\*\*Route:\*\*** Topical (external use only)
- **\*\*Recommended Dosage:\*\***
  - Apply a thin layer to the affected area 2-3 times daily
  - Duration: Typically 5-10 days or as prescribed
- **\*\*Instructions:\*\***
  - Clean and dry the area before application
  - Wash hands before and after use
  - Do not apply to deep or puncture wounds without medical advice

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## **## 🏥 Medical Uses**

- **\*\*Primary Indications:\*\***
  - Infected cuts, abrasions, and minor burns
  - Skin infections like impetigo and sycosis barbae
  - Paronychia (nail infections)
  - Otitis externa (outer ear infections)
  - Boils and scalds
- **\*\*Mechanism of Action:\*\***
  - Framycetin binds to bacterial ribosomes, inhibiting protein synthesis and killing bacteria
  - Effective against gram-positive and gram-negative bacteria

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## **## ⚠️ Side Effects**

**\*\*Common:\*\***

- Mild burning or stinging
- Skin irritation or redness
- Dryness

**\*\*Rare but Serious:\*\***

- Allergic reactions (rash, swelling, difficulty breathing)
- Superinfection with resistant organisms

- Ototoxicity (if used in ear with perforated eardrum)

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## ⚠️ Risks & Precautions

- **\*\*Contraindications:\*\***
  - Allergy to framycetin or other aminoglycosides
  - Deep wounds or serious burns without medical supervision
- **\*\*Pregnancy & Breastfeeding:\*\***
  - Generally considered safe; consult a doctor before use
- **\*\*Drug Interactions:\*\***
  - Minimal systemic absorption; interactions are rare
- **\*\*Overuse Risk:\*\***
  - May lead to bacterial resistance or secondary fungal infections

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## 🗨️ Patient Feedback & Complaints

- \*\*Positive Feedback:\*\***
  - Quick relief from skin infections
  - Easy to apply and well tolerated
  - Widely available and affordable
- \*\*Common Complaints:\*\***
  - Mild irritation or burning
  - Recurrence of infection if not used consistently
  - Not effective for fungal or viral infections

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## 📄 Summary Table

Category	Details
Drug Name	Soframycin
Active Ingredient	Framycetin sulfate 0.5% w/w
Use	Bacterial skin and ear infections
Dosage	Apply 2-3 times daily externally
Common Side Effects	Burning, irritation, redness
Serious Risks	Allergic reaction, ototoxicity, resistance
Patient Feedback	Effective, fast relief; mild irritation, recurrence issues

| Contraindications | Allergy to framycetin, avoid deep wounds without medical advice |

Sources:

- [Medicover Hospitals](<https://www.medicoverhospitals.in/medicine/soframycin>)
- [CARE Hospitals](<https://www.carehospitals.com/medicine-detail/soframycin>)
- [1mg - Soframycin Powder](<https://www.1mg.com/drugs/soframycin-powder-290701>)

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