

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.

🧪 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

💊 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

🌱 Medical Uses

- **Primary Indications:**
 - Infected cuts, abrasions, and minor burns
 - Skin infections like impetigo and syphilis 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

🚑 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)

☣ 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

☐ 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

📊 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
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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>)
