

# NATOPH

## NATAMYCIN USP

### **Compositions:**

Natoph eye drops: It contains Natamycin USP 5% as Suspension.

### **Pharmacology:**

Natoph (Natamycin) Eye Drops is a sterile antifungal Ophthalmic Suspension. Natamycin is a polyene antibiotic obtained from *Streptomyces natalensis*. Natoph acts by interfering with the permeability of the cell membrane of sensitive fungi by binding to sterols, chiefly ergosterol. Following ocular administration, Natoph is present in therapeutic concentration in corneal stroma but not in intraocular fluid; systemic absorption does not usually occur.

### **Dosage And Administration:**

**Fungal Keratitis:** Instill 1 drop into the conjunctival sac at 1-2 hour intervals. The frequency of application can be reduced to 1 drop 6-8 times daily after the first 3 or 4 days. Generally, the drug has to continue for 14 to 21 days, or until there is resolution of active fungal keratitis. In many cases, it may be helpful to reduce the dose gradually at 4 to 7 days interval to ensure that the organism has been eliminated. **Fungal Blepharitis and Conjunctivitis:** 1 drop 4 to 6 daily applications may be sufficient.

### **Contraindications:**

Natamycin Eye Drops is contraindicated in patients with a history of hypersensitive to any of its ingredients.

### **Warning And Precaution:**

Failure of improvement of keratitis following 7 to 10 days administration of the drug suggests that the infection may be caused by a microorganism not susceptible to Natamycin. Clinical re-evaluation and additional laboratory studies should be carried out to continue the therapy. Patients on this drug should be monitored twice weekly. If toxicity of drug occurs, the therapy should be discontinued.

### **Side Effects:**

Natamycin may cause irritation. It has also been reported that conjunctival chemosis and hyperemia may be allergic in nature.

### **Use in Pregnancy and Lactation:**

The safety of Natamycin in pregnancy has not been evaluated. So it is necessary to take care during use in pregnancy.

### **Drug Interaction:**

No information provided.

### **Overdosage:**

No information provided.

### **Storage:**

Store below 20°C but do not freeze. Do not expose to strong light and excessive heat. Before use, the bottle should be shaken well.

### **Packing:**

Natoph Eye Drops: Dropper bottle contains 5ml drops as suspension.

Manufactured By:  
The IBN SINA Pharmaceutical Industry PLC.  
Shafipur, Gazipur, Bangladesh.