### Information For the Use Ketorolac (0.4% w/v) + Olopatadine (0.1% w/v)

## **Ketorine OL Eye Drop**

Ketorolac (0.4% w/v) + Olopatadine (0.1% w/v) Eye Drops

#### **Description:**

This combination eye drop contains Ketorolac, a nonsteroidal anti-inflammatory drug (NSAID), and Olopatadine, an antihistamine. The combination works synergistically to treat allergic eye conditions, reduce inflammation, and relieve itching, redness, and irritation. Ketorolac helps by reducing inflammation and pain through inhibition of cyclooxygenase enzymes, while Olopatadine blocks histamine receptors, preventing allergic reactions. This combination is commonly used for the treatment of allergic conjunctivitis and postoperative inflammation in the eyes.

**Composition:** 

Each mL of the eye drops contains:

- Ketorolac Tromethamine: 4 mg (equivalent to 0.4% w/v)
- Olopatadine Hydrochloride: 1 mg (equivalent to 0.1% w/v)

**Indications:** 

Ketorolac (0.4%) + Olopatadine (0.1%) Eye Drops are indicated for:

- Allergic conjunctivitis: To relieve itching, redness, and swelling in the eyes caused by allergies (e.g., pollen, pet dander, dust mites).
- Post-operative inflammation: To reduce inflammation, pain, and discomfort following eye surgery, such as cataract surgery or corneal surgery.
- Ocular itching and irritation: Associated with seasonal or perennial allergic rhinitis.

Adults and Children (aged 3 years and older):

- For allergic conjunctivitis: Instill 1 drop into the affected eye(s) twice daily (morning and evening), or as directed by the healthcare provider.
- For post-operative inflammation: Instill 1 drop into the affected eye(s) four times a day starting the day after surgery and continue for up to 4 days or as directed.
- For ocular itching and irritation: Follow the prescribed dosing schedule.

**Route of Administration:** 

- Instill the prescribed number of drops directly into the conjunctival sac of the affected eye.
- Avoid touching the dropper tip to any surface, including the eye, to prevent contamination.

**Contraindications:** 

Ketorolac (0.4%) + Olopatadine (0.1%) Eye Drops are contraindicated in:

- Hypersensitivity to Ketorolac, Olopatadine, or any of the components in the formulation.
- Active ocular infections: This medication should not be used in the presence of active eye infections.
- Corneal epithelial damage: If the patient has corneal ulceration or damage, as NSAIDs like Ketorolac may delay healing.
- Pregnancy: Especially during the third trimester due to potential risks to the fetus.
- Contact lens wearers: Contact lenses should be removed prior to instilling the drops and may be reinserted after at least 10 minutes.

Warnings and Precautions:

- Gastrointestinal risks: NSAIDs like Ketorolac can increase the risk of gastrointestinal ulcers and bleeding, particularly with prolonged use.
- Renal function: NSAIDs may cause or worsen kidney issues, particularly in patients with pre-existing renal conditions.
- Corneal healing: Ketorolac may delay corneal healing in patients with existing corneal conditions, so it should be used cautiously in those cases.
- Eye infection: The combination of Ketorolac and Olopatadine may mask the symptoms of eye infection or delay the diagnosis.
- Pregnancy and breastfeeding: Use during pregnancy, especially in the third trimester, is not recommended unless necessary. Caution is also advised during breastfeeding.
- Elderly patients: May be more susceptible to side effects such as corneal issues and should be monitored closely during treatment.

#### Side Effects:

- Common: Eye irritation, stinging, burning, or discomfort immediately after application.
- Less common: Dry eyes, blurred vision, increased sensitivity to light (photophobia), or a feeling of a foreign body in the eye.
- Serious:
  - Severe allergic reactions: Including swelling of the eyelids, difficulty breathing, or rash.
  - Corneal damage: Prolonged use of Ketorolac may cause delayed corneal healing or irritation.
  - Increased intraocular pressure: Rare, but if any visual disturbances occur, it should be reported to a healthcare provider immediately.

#### Storage:

- Store the eye drops at room temperature (between 15°C to 30°C).
- Keep the bottle tightly closed and protect it from light and moisture.
- Do not freeze.
- Discard the bottle 4 weeks after opening, even if there is remaining solution, to avoid contamination.

#### Note:

Ketorolac (0.4%) + Olopatadine (0.1%) Eye Drops are a prescription-only medication and should be used according to the healthcare provider's instructions. Patients should be advised not to touch the dropper tip to any surface, including the eye, to maintain sterility. If irritation, redness, or any new symptoms occur during use, contact your healthcare provider immediately.

Manufactured in India for:

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