

Topical Allergy Medications

Akorn Inc.

2500 Millbrook Drive
Buffalo Grove, IL 60089
(800) 535-7155
Fax: (800) 943-3694
www.akorn.com

AK-Con Solution

Generic name: Naphazoline HCl 0.1%

Description: Decongestant

Indications: For use as a topical ocular vasoconstrictor.

Dosing schedule: Instill 1 or 2 drops in the conjunctival sac(s) every 3 or 4 hours as needed.

Side effects: Mydriasis, increased redness, irritation, discomfort, blurring, punctate keratitis, lacrimation, increased intraocular pressure (IOP).

Size: 15 mL

Prescription

Comments: Comparable to Albalon, Naphcon Forte and Vasocon.

Cromolyn Sodium

Generic name: Cromolyn sodium ophthalmic solution USP 4%

Description: Mast-cell stabilizer

Indications: Treatment of vernal keratoconjunctivitis, vernal conjunctivitis and vernal keratitis.

Dosing schedule: For adults and children: 1 or 2 drops in each eye 4-6 times a day at regular intervals. Each drop contains approximately 1.6 mg cromolyn sodium.

Side effects: Transient ocular stinging or burning upon instillation.

Size: 10 mL

Prescription

Comments: Comparable to Cromol Opticrom.

Ketotifen Fumarate Ophthalmic Solution

Description: Antihistamine

Dosing schedule: Adults and children 3 years of age and older: Put 1 drop in affected eye(s) twice daily; every 8-12 hours, no more than twice per day

Side effects: Not supplied

Size: 5 mL

OTC

Comments: Original prescription strength and up to 12 hours eye itch relief.

Alcon Laboratories Inc.

6201 South Freeway
Fort Worth, TX 76134
(800) 451-3937
Fax: (800) 777-2799
www.alconlabs.com

Alomide

Generic Name: Lodoxamide tromethamine ophthalmic solution 0.1%

Description: Mast-cell stabilizer

Indications: Treatment of ocular disorders referred to by the terms vernal keratoconjunctivitis, vernal conjunctivitis and vernal keratitis.

Dosing schedule: The dose for adults and children older than 2 years of age is 1-2 drops in each affected eye 4 times daily for up to 3 months.

Side effects: Transient burning, stinging or discomfort reported at an incidence of 15%.

Size: 10 mL

Prescription

Comments: Not supplied

Emadine

Generic Name: Emedastine difumarate ophthalmic solution 0.05%

Description: Antihistamine

Indications: Indicated for the temporary relief of the signs and symptoms of allergic conjunctivitis.

Dosing schedule: The recommended dose is 1 drop in the affected eye up to 4 times daily.

Side effects: Headaches reported at an incidence of 11%. All other ocular and non-ocular adverse reactions were reported at an incidence of less than 5%.

Size: 5 mL

Prescription

Comments: Not supplied

Pataday

Generic name: Olopatadine hydrochloride ophthalmic solution 0.2%

Description: Once-daily dual action antihistamine/mast-cell stabilizer

Indications: For the treatment of ocular itching associated with allergic conjunctivitis

Dosing schedule: One drop in each affected eye once a day

Side effects: Contraindicated in patients with a hypersensitivity to any components of this product. The most common adverse reactions to Pataday solution were cold syndrome and pharyngitis reported at an incidence of approximately 10%

Size: 2.5 mL

Prescription

Comments: New Pataday solution is the first once-daily topical ocular allergy medication for the treatment of itching associated with allergic conjunctivitis.



Patanol

Generic Name: Olopatadine HCl ophthalmic solution 0.1%

Description: Dual action antihistamine/mast-cell stabilizer

Indications: For the treatment of all signs and symptoms of allergic conjunctivitis.

Dosing schedule: 1 drop in each affected eye 2 times per day at an interval of 6-8 hours.

Side effects: Headaches reported at an incidence of 7%. Ocular effects such as burning or stinging were reported at an incidence of less than 5%.

Size: 5 mL

Prescription

Comments: Not supplied

Allergan Inc.



2525 Dupont Drive
Irvine, CA 92612
(714) 246-4500
Fax: (714) 246-4971
www.allergan.com

Acular

Generic name: Ketorolac tromethamine ophthalmic solution 0.5%

Description: Nonsteroidal anti-inflammatory drug

Indications:

Indicated for the

temporary relief of ocular itching due to seasonal allergic conjunctivitis. It is also indicated for the treatment of postoperative inflammation in patients who have undergone cataract extraction. **Dosing schedule:** 1 drop 4 times per day for the relief of ocular itching due to seasonal allergic conjunctivitis. 1 drop 4 times daily beginning 24 hours after cataract surgery and continuing through the first 2 weeks postop.

Side effects: The most frequently reported adverse events have been transient stinging and burning upon instillation. Other events occurring approximately 1% to 10% of the time include allergic reactions, corneal edema, iritis, ocular inflammation, ocular irritation, superficial ocular infections and superficial keratitis.

Size: 3 mL, 5 mL or 10 mL

Prescription

Alocril

Generic name: Nedocromil sodium ophthalmic solution 2%

Description: Mast-cell stabilizer

Indications: For the treatment of itching associated with allergic conjunctivitis.

Dosing schedule: 1-2 drops in each eye twice a day.

Side effects: Frequently reported adverse events include headache, irritation, nasal congestion, ocular burning, stinging and unpleasant taste in 10%-40% of patients. Some of these events were similar to those produced by the underlying ocular disease being studied.

Size: 5 mL

Prescription

Comments: Controls symptoms by halting histamine and chemotaxin release, deactivating key response-causing components and inhibiting inflammatory mediator release.

Bausch & Lomb Pharmaceuticals

8500 Hidden River Parkway
Tampa, FL 33637
(813) 975-7700; Fax: (813) 975-1735
OTC: (800) 828-9030
www.bausch.com

Alaway

Generic Name: Ketotifen Fumarate Ophthalmic Solution



Description:

Antihistamine eye drops.

Indications: For temporary relief of itchy eyes due to ragweed, pollen, grass, animal hair and dander.

Dosing schedule: Adults and children 3 years and older: put 1 drop in the affected eye(s) twice daily, every 8-12 hours,

no more than twice per day. Children under 3 years of age: consult a doctor

Side effects: Stop use and ask a doctor if you experience any of the following: eye pain, changes in vision, redness of the eyes, itching that worsens or lasts for more than 72 hours.

Size: 0.34 fl oz (10 mL)

OTC

Comments: For the temporary relief of itchy eyes due to ragweed, pollen, grass, animal hair and dander. The original prescription strength, now available over-the-counter, quickly stops the itch within minutes and provides up to 12 hours of symptom relief.

Alrex

Generic name: Loteprednol etabonate ophthalmic suspension 0.2%

Description: Corticosteroid anti-inflammatory

Indications: Indicated for the temporary relief of the signs and symptoms of seasonal allergic conjunctivitis.

Dosing schedule: 1 drop 4 times daily.

Side effects: See full prescribing information.

Size: 5 mL and 10 mL

Prescription

Comments: Alrex is proven to treat all the signs and symptoms of the ocular allergic response.

Crolom

Generic name: Cromolyn sodium ophthalmic solution USP 4%

Description: Mast-cell stabilizer

Indications: For the treatment of vernal keratoconjunctivitis, vernal conjunctivitis and vernal keratitis.

Dosing schedule: 1 or 2 drops in each eye, 4 to 6 times a day, at regular intervals.

Inspire Pharmaceuticals Inc.

4222 Emperor Boulevard, Suite 200
Durham, NC 27703
(919) 941-9777; Fax: (919) 941-5601
www.inspirepharm.com

Elestat

Generic name: Epinastine HCl ophthalmic solution 0.05%

Description: Epinastine is a topically active, direct H1-receptor antagonist and an inhibitor of the release of histamine from the mast cell.

Indications: For the prevention of itching associated with allergic conjunctivitis.

Dosing schedule: One drop in each eye twice a day.

Side effects: The most frequently reported ocular adverse events occurring in approximately 1%-10% of patients were burning sensation in the eye, folliculosis, hyperemia and

pruritus. The most frequently reported non-ocular adverse events were infection (cold symptoms and upper respiratory infections) seen in approximately 10% of patients, and headache, rhinitis, sinusitis, increased cough and pharyngitis seen in approximately 1%-3% of patients. Some of these events were similar to the underlying disease being studied.

Size: 5 mL

Prescription

Comments: Provides fast-acting, long-lasting relief of ocular itching and is soothing to the eyes.

Side effects: Most frequent repeated adverse reaction attributed to the use of cromolyn sodium ophthalmic solution is transient ocular stinging or burning upon instillation.

Size: 10 mL

Prescription

Comments: For the treatment of vernal keratoconjunctivitis, vernal conjunctivitis and vernal keratitis.

Opcon-A

Generic name: Naphazoline HCl and pheniramine maleate ophthalmic solution.

Description: Itching and redness reliever eye drops for eye allergy relief.

Indications: For the temporary relief of itching and redness caused by pollen, ragweed, grass, animal hair and dander.

Dosing schedule: Adults and children 6 years of age and older: instill 1 or 2 drops in the affected eye(s) up to 4 times daily.

Side effects: Some users may experience a brief tingling after instillation. May temporarily enlarge pupils. Overuse may cause more eye redness.

Size: 15 mL

OTC

Comments: Not supplied

MedPointe Pharmaceuticals

265 Davidson Ave., Suite 300
Somerset, NJ 08873
(732) 564-2200
www.medpointepharm.com

Optivar

Generic name: Azelastine Hydrochloride Ophthalmic Solution 0.05%

Description: Optivar (azelastine hydrochloride) is a relatively selective histamine H1 antagonist and an inhibitor of the release of histamine and other mediators (e.g. leukotrienes and PAF) from cells (e.g. mast cells) involved in the allergic response. Decreased chemotaxis and activation of eosinophils has also been demonstrated.

Indications: Optivar is indicated for the treatment of itching associated with allergic conjunctivitis in patients as young as 3 years of age.

Dosing schedule: The recommended dose is one drop instilled into each affected eye twice a day.

Side effects: In controlled, multidose studies, the most frequently reported adverse events were transient eye burning/stinging, headache and bitter taste. Discontinuation due to these adverse events was less than 1%. Optivar is contraindicated in persons with known hypersensitivity to any of its components. Please see full prescribing information.

Size: 6 mL solution in a translucent 10 mL container Prescription

Comments: Optivar blocks many pathways of the allergic cascade providing fast and long-lasting relief of ocular itching associated with allergic conjunctivitis. Optivar has been shown to inhibit the following cells and mediators in both the early and late phases of the allergic reaction: histamine (H1 and H2), mast cells, eosinophils, leukotrienes and PAF. Optivar's fast, multi-mechanistic activity delivers relief of ocular itching within 3 minutes and a sustained effect of 8-10 hours.

Pfizer

235 E. 42nd St.
New York, NY 10017
(800) 223-0182
www.visine.com

Visine-A

Generic name: Pheniramine maleate 0.3%, naphazoline HCl 0.025%

Description: Antihistamine

Indications: For the temporary relief of itching and redness of the eye due to pollen, ragweed, grass, animal hair and dander.

Dosing schedule: Place 1 or 2 drops in the affected eye(s) up to 4 times a day.

Side effects: Pupils may become enlarged temporarily.

Size: 15 mL

OTC

Comments: Not supplied



Natural Ophthalmics Inc.

82 Canyon Trail
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Dillon, CO 80435
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www.natoph.com

Allergy Desensitization Eye Drops

Generic Name: Homeopathic Allium Ceba HPUS 6x, Apis HPUS 6x, Euphrasia (Eyebright) HPUS 4x, Sabadilla HPUS 6x



Description:

Preservative-free, pH-balanced, isotonic, sterile solution with four homeopathic active ingredients providing allergy desensitization

Indications: Itching, burning, watering, redness and edema.

Dosing schedule: Use as needed. Apply prophylactically 2 weeks before the anticipated allergy season. During allergy season let the symptoms be the guide, when symptoms return reapply the drops. Drops can be used several times per day as needed.

Side effects: No known adverse reactions, drug interactions or contraindications

Size: 15 mL

Ethical OTC - Available via doctors only

Comments: These fast-acting eye drops feel great and never sting and can be used with contact lenses in place. Allergy desensitization eye drops have the advantage of having no adverse reactions, drug interactions or contraindications.

Similasan Corporation

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Highlands Ranch, CO 80129
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Fax: (303) 539-4061
www.SimilasanUSA.com

Similasan Eye Drops for Allergy Eye Relief

Generic name: Not supplied

Description: Homeopathic
Indications: For itching, burning, inflammation, redness and watering of allergy eyes.

Dosing schedule: As needed.

Side effects: None known.

Size: 10 mL bottle

OTC

Comments: Now available at most major drug, food and mass market retailers.



Novartis Ophthalmics

One Health Plaza
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www.us.novartisophthalmics.com



Zaditor

Generic name: Ketotifen fumarate ophthalmic solution 0.025%

Description: Multiple-action antihistamine/mast-cell stabilizer/eosinophil inhibitor

Indications: Indicated for the temporary relief of itching of the eye due to pollen, ragweed, grass, animal hair and dander.

Dosing schedule: The recommended dose is 1 drop twice daily in the affected eye(s) every 8-12 hours.

Side effects: In controlled clinical studies, conjunctival injection, headaches and rhinitis were reported at an incidence of 10%-25%. The occurrence of these side effects was generally mild. Some of these events were similar to the underlying ocular disease being studied.

Size: 5 mL

OTC

Comments: Zaditor blocks the histamines that cause itchy eyes and prevents the release of additional histamines, treating the source of the itch, not just the symptoms. It provides up to 24 hours of relief with twice daily dosing.

Vistakon Pharmaceuticals

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Jacksonville, FL 32256
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Fax: (904) 443-1553
www.jnj.com



Alamast

Generic name: Pemirolast potassium ophthalmic solution 0.1%

Description: Mast-cell stabilizer (early, late phases)

Indications: For the prevention of itching of the eye due to allergic conjunctivitis.

Dosing schedule: Instill 1-2 drops in each affected eye 4 times daily.

Side effects: The most commonly reported ocular events in clinical trials included 2% foreign body

sensation, 1% burning/stinging, 1% dry eye and 1% ocular discomfort.

Size: 10 mL

Prescription

Comments: Decreased itching may be evident within a few days but may take up to 4 weeks — 99% of patients treated with Alamast did not report burning or stinging.