

Anti-Amoebic Ophthalmic Therapy

Compounded Chlorhexidine 0.02% and PHMB 0.02% — unit-dose vials.



✓ STERILE · PRESERVATIVE-FREE · 10 x 1 mL VIALS · OPHTHALMOLOGIST-PRESCRIBED

Acanthamoeba keratitis is a rare but serious corneal infection caused by a microscopic amoeba found in water. It most often affects contact lens wearers and can cause severe pain, vision loss, and even blindness if not treated aggressively. Effective treatment requires compounded anti-amoebic eye drops that are not available commercially. The Medicine Shoppe compounds both **Chlorhexidine 0.02%** and **PHMB 0.02%** — the two first-line agents for Acanthamoeba keratitis.

Two Agents. Two Mechanisms. Your Doctor Selects.

Chlorhexidine 0.02%

Biguanide Antiseptic

A cationic biguanide with broad-spectrum antimicrobial activity, including against Acanthamoeba trophozoites and cysts. At 0.02% ophthalmic strength, it is one of the two gold-standard first-line agents for Acanthamoeba keratitis. May be used alone or in combination with PHMB depending on severity and response. Also active against a range of bacterial and fungal ocular pathogens.

PHMB 0.02%

Polyhexamethylene Biguanide

Polyhexamethylene biguanide is a structurally related biguanide with proven efficacy against Acanthamoeba cysts and trophozoites. Originally developed for contact lens disinfecting solutions, it has become a first-line compounded agent for Acanthamoeba keratitis worldwide. Can be prescribed as monotherapy or in alternation with chlorhexidine for difficult-to-eradicate infections.

Why Compounded & Preservative-Free?



Neither chlorhexidine 0.02% nor PHMB 0.02% ophthalmic drops are commercially manufactured. Compounding is the only legal source.



Dispensed as 10 x 1 mL vials without benzalkonium chloride or other preservatives that damage already-compromised corneal tissue.



Compounded in our ISO-classified sterile clean room. Critical for ophthalmic preparations - especially on an already-infected eye.



Acanthamoeba treatment requires very frequent dosing (often hourly initially). Preservative-free vials make this tolerable without cumulative preservative toxicity.

Compounded at The Medicine Shoppe

Each preparation dispensed as 10 x 1 mL preservative-free vials

Cash pay · Ophthalmologist prescription required

Who Needs These Preparations?

- You have been diagnosed with Acanthamoeba keratitis by an ophthalmologist
- You have a non-bacterial ophthalmic infection requiring anti-amoebic or biguanide therapy
- Your ophthalmologist has prescribed chlorhexidine or PHMB ophthalmic drops
- You need these preparations urgently — we prioritize ophthalmic compounding same-day

Ask your ophthalmologist to send the prescription directly to us.

The Medicine Shoppe · 1698 S Queen St, York PA 17403 · (717) 846-0500

Phone, fax (717) 845-8767, or e-prescribe. For educational purposes only — not medical advice.