

# Flurolon

## Fluorometholone

### Sterile Ophthalmic Suspension

#### Presentation

**Flurolon:** Each ml sterile ophthalmic suspension contains Fluorometholone USP 1 mg.  
*Preservative:* Benzalkonium Chloride 0.01%.

*Vehicle:* Polyvinyl Alcohol 1.4%

#### Pharmacological Action

Fluorometholone is a corticosteroid with an excellent anti-inflammatory action with no significant influence on the intraocular pressure. The anti-inflammatory activity of Fluorometholone is at least 40 times stronger than that of Hydrocortisone. Fluorometholone is thought to act by the induction of phospholipase A<sub>2</sub> inhibitory proteins, collectively called lipocortins. It is postulated that these proteins control the biosynthesis of potent mediators of inflammation such as prostaglandins and leukotrienes, by inhibiting release of their common precursor arachidonic acid. Arachidonic acid is released from membrane phospholipids by phospholipase A<sub>2</sub>. In comparison with other corticosteroids Fluorometholone is more rapidly degraded in tissue and therefore has less effect on the intraocular pressure.

#### Indications

Flurolon ophthalmic suspension is indicated for the treatment of acute and chronic non-infectious conjunctivitis and keratitis of allergic origin. Non-infectious inflammation of the anterior chamber of the eye (including anterior uveitis, episcleritis and scleritis). Post-operative irritative conditions after strabismus, cataract and glaucoma surgery.

#### Dosage and Application

Recommended dose is 1 drop 2-4 times daily in the conjunctival sac(s). During the first 24-48 hours the dosage can be increased to 1 drop hourly.

#### Contraindications

Hypersensitivity to any ingredient of the formulation. Infectious conjunctivitis or keratitis. Injuries and ulcerous processes of cornea, especially infections caused by virus, bacteria and fungi.

#### Side Effects

Elevation of intraocular pressure (IOP) with possible development of glaucoma and optic nerve damage, loss of visual acuity or defects in fields of vision, posterior subcapsular cataract formation and delayed wound healing.

#### Precautions

Corticosteroids may mask, activate or aggravate an infection of the eye. If no improvement is seen after a few days of application, other form of treatment should be used.

#### Drug Interactions

Specific drug interaction studies have not been conducted with Fluorometholone ophthalmic suspension.

#### Use in Pregnancy and Lactation

Animal experiments with Fluorometholone have shown adverse effect on the fetus. However, Fluorometholone ophthalmic suspension should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

#### Over Dose

Overdose through local administration is not known and not likely.

#### Storage Conditions

Store in a cool and dry place away from light. Keep out of reach of children. Do not touch the dropper tip to surfaces since this may contaminate the suspension. After one month of the opening do not use the medicine of dropper.

#### Commercial Pack

**Flurolon:** Each plastic dropper bottle containing 5 ml sterile ophthalmic suspension.

Manufactured by :



**GENERAL**

Pharmaceuticals Ltd.

Unit-2, Gazipur, Bangladesh

GENERAL Pharmaceuticals Ltd.

ISO 9001:2008 Certified Company

