

## OCUREST PLUS EYE DROPS

### COMPOSITION

Each ml of Ocurest Plus eye drops contains:

Phenylephrine hydrochloride	0.12% w/v
Naphazoline hydrochloride	0.05% w/v
Sodium Carboxymethylcellulose	0.5% w/v
Menthol	0.005% w/v
Camphor	0.01% w/v

### DESCRIPTION

Exposure to dust, chemical fumes, smoke, smog, allergens, use of contact lenses, driving, etc. can irritate the eyes. Change in the season, cold climate and irritation, generally leads to redness and congestion due to dilation of capillaries on conjunctiva. **OCUREST PLUS** contains a combination of a decongestant and a vasoconstrictor for the relief of ocular symptoms due to allergy and inflammation of a non-infectious origin. Sodium Carboxymethylcellulose is an added advantage to relieve the dryness and associated discomfort.

### PHARMACOLOGY

Phenylephrine causes decongestion in the eye by constricting blood vessels. It also enlarges the pupil and it reduces the amount of fluid in the eye by reducing the production and increasing the drainage.

Naphazoline constricts the vascular system of the conjunctiva. It is presumed this effect is due to direct action of the drug upon the  $\alpha$ -adrenergic receptors of the vascular smooth muscle. Its action is characterised by a long duration. Menthol and camphor provide cooling and soothing effect.

Sodium Carboxymethylcellulose improves viscoelasticity and humectation of the cornea surface, hence lubricates eye surface. Excellent mucoadhesion contributes to retentive properties hence enhances the moistening of eye surface.

**OCUREST PLUS eye drops** contains a unique, mild, non-sensitizing preservative that when used, ultimately changes into components of natural tears (sodium chloride and water). The viscolizing properties of carboxymethylcellulose combined with sodium chloride have been shown to increase the tear film break-up time in animal models, whilst also acting as a lubricating agent for dry eyes.

Low concentration of Menthol gives prompt cooling and soothing effect while Camphor offers soothing and analgesic action.

## **INDICATIONS**

**OCUREST PLUS** is indicated for:

- Temporary relief of discomfort and congestion occurring with minor eye irritation due to hayfever, dust, smoke, smog, colds, wind, sun, swimming.
- In allergic conjunctivitis, vernal conjunctivitis, phlyctenular conjunctivitis.
- Ocular itching, redness and tearing.
- Associated dry eye syndrome

## **CONTRAINDICATIONS**

The use of **OCUREST PLUS** is contraindicated in patients with narrow angle glaucoma.

## **PRECAUTIONS**

The use of **OCUREST PLUS** should be with caution in patients with heart disease, hypertension or difficulty in urination due to enlargement of the prostate gland. Prolonged use of decongestants is associated with rebound congestion. The use of **OCUREST PLUS** should be discontinued if patient experiences pain, changes in vision, continued redness or irritation, or if the condition worsens, or persists for more than 72 hours.

It is advisable not to drive, operate machinery or perform other hazardous activities when on treatment with **OCUREST PLUS**.

## **PREGNANCY & LACTATION**

There are no well-controlled trials with **OCUREST PLUS** in pregnant and lactating women. Therefore, **OCUREST PLUS** should only be used if clearly indicated.

## **DRUG INTERACTIONS**

Although, clinically significant drug-drug interactions between **OCUREST PLUS** and systemically administered drugs are not expected but may occur when coadministered with monoamine oxidase inhibitors or beta blockers.

## **ADVERSE REACTIONS**

Prolonged use of decongestants may result in rebound congestion. Adverse reactions to **OCUREST PLUS** are rare and may include tachycardia, hypertension, headache, blurred vision and flushed skin. Pupillary dilation with increased intra-ocular pressure and drowsiness may be experienced by some patients.

**DOSAGE & ADMINISTRATION**

The usual recommended dose of **OCUREST PLUS** is 1-2 drops *qid*.

**PRESENTATION**

**OCUREST PLUS** is available in a 10 ml lupolen vial.